

Microbiome Information for: rheumatoid arthritis (RA),Spondyloarthritis (SpA)

For prescribing Medical professionals Review

The suggestions below are based on an Expert System (Artificial Intelligence) modelled after the MYCIN Expert System produced at Stanford University School of Medicine in 1972. The system uses over 1,800,000 facts with backward chaining to sources of information. The typical sources are studies published on the US National Library of Medicine.

Many recent studies has found that symptoms and symptom severity has strong associations to the microbiome for many conditions. Correcting the microbiome dysfunction is beleived to reduce the severity of symptoms. In some cases, this correction may cause symptoms to disappear.

These are *a priori suggestions* that are predicted to independently reduce microbiome dysfunction. Suggestions should *only be done after a review* by a medical professional factoring in patient's conditions, allergies and other issues.

This report may be freely shared by a patient to their medical professionals

Best practise for making microbiome adjustments is to obtain the individuals microbiome. The following are the best microbiome to use with this expert system model. The suggestions below are intended as temporary suggestions until a test result in received.

In the USA

Ombre (<https://www.ombrelab.com/>)

Thorne (<https://www.thorne.com/products/dp/gut-health-test>)

Worldwide: BiomeSight (<https://biomesight.com>) - Discount Code 'MICRO'

Analysis Provided by Microbiome Prescription

A Microbiome Analysis Company

892 Lake Samish Rd, Bellingham WA 98229

Email: Research@MicrobiomePrescription.com

[Our Facebook Discussion Page](#)

Bacteria being reported because of atypical values.

These bacteria were reported atypical in studies of rheumatoid arthritis (RA),Spondyloarthritis (SpA)

Nota Bena: Many studies are done with a small sample size or mixtures of condition subsets which can greatly diminish the ability to detect bacteria shifts.

Bacteria Name	Rank	Shift	Taxonomy ID	Bacteria Name	Rank	Shift	Taxonomy ID
Actinomycetes	class	High	1760	Megamonas	genus	Low	158846
Bacilli	class	Low	91061	Methanobrevibacter	genus	High	2172
Clostridia	class	Low	186801	Mucispirillum	genus	High	248038
Negativicutes	class	High	909932	Mycobacterium	genus	High	1763
Verrucomicrobiia	class	High	203494	Mycoplasma	genus	High	2093
Ackermannviridae	family	High	2169529	Odoribacter	genus	Low	283168
Autographiviridae	family	High	2731643	Oscillibacter	genus	High	459786
Bacteroidaceae	family	High	815	Oscillospira	genus	High	119852
Barnesiellaceae	family	Low	2005519	Oxalobacter	genus	High	846
Bifidobacteriaceae	family	High	31953	Oxobacter	genus	High	44261
Chaseviridae	family	High	2731689	Parabacteroides	genus	High	375288
Deferribacteraceae	family	High	191394	Parvimonas	genus	High	543311
Demerecviridae	family	Low	2731690	Pelagibacterium	genus	High	1082930
Desulfovibrionaceae	family	High	194924	Peptococcus	genus	High	2740
Drexlerviridae	family	Low	2731691	Porphyromonas	genus	High	836
Enterobacteriaceae	family	High	543	Prevotella	genus	High	838
Enterococcaceae	family	Low	81852	Proteus	genus	High	583
Gracilibacteraceae	family	High	541019	Pseudobutyrvibrio	genus	Low	46205
Helicobacteraceae	family	High	72293	Pseudomonas	genus	High	286
Herelleviridae	family	High	2560065	Pyramidobacter	genus	High	638847
Lachnospiraceae	family	High	186803	Romboutsia	genus	Low	1501226
Lactobacillaceae	family	Low	33958	Roseburia	genus	Low	841
Myoviridae	family	High	10662	Ruminococcus	genus	High	1263
Oscillospiraceae	family	High	216572	Scedosporium	genus	Low	41687
Peptococcaceae	family	High	186807	Shigella	genus	High	620
phages with long non-contractile tails	family	Low	10699	Slackia	genus	High	84108
Planococcaceae	family	High	186818	Solobacterium	genus	High	123375
Prevotellaceae	family	High	171552	Staphylococcus	genus	High	1279
Streptococcaceae	family	Low	1300	Streptococcus	genus	High	1301
Veillonellaceae	family	High	31977	Subdoligranulum	genus	High	292632
Victivallaceae	family	High	255528	Trichosporon	genus	Low	5552
Abssiella	genus	High	2057233	Turidibacter	genus	High	191303
Acidaminococcus	genus	Low	904	Ureaplasma	genus	High	2129
Actinomyces	genus	High	1654	Veillonella	genus	Low	29465
Akkermansia	genus	High	239934	Walleimia	genus	High	148959
Alistipes	genus	Low	239759	Bacillales	order	High	1385
Allobaculum	genus	High	174708	Eubacteriales	order	High	186802
Alloprevotella	genus	Low	1283313	Hypocreales	order	High	5125
Anaplasma	genus	High	768	Lactobacillales	order	High	186826
Aspergillus	genus	High	5052	Malasseziales	order	Low	162474
				[Clostridium] leptum	species	Low	1535

Bacteria Name	Rank	Shift	Taxonomy ID	Bacteria Name	Rank	Shift	Taxonomy ID
Bacteroides	genus	High	816	[Clostridium] scindens	species	High	29347
Bifidobacterium	genus	Low	1678	Actinomyces oris	species	High	544580
Bilophila	genus	High	35832	Agathobacter rectalis	species	Low	39491
Blautia	genus	High	572511	Aggregatibacter	species	High	714
Butyricicoccus	genus	High	580596	actinomycetemcomitans	species	High	714
Butyrivibrio	genus	High	830	Bacteroides fragilis	species	Low	817
Candida	genus	High	5475	Bifidobacterium longum	species	High	216816
Citrobacter	genus	High	544	Blautia coccoides	species	Low	1532
Clostridium	genus	Low	1485	Collinsella aerofaciens	species	High	74426
Collinsella	genus	High	102106	Cutibacterium acnes	species	High	1747
Coprococcus	genus	High	33042	Dorea formicigenerans	species	High	39486
Desulfovibrio	genus	High	872	Faecalibacterium prausnitzii	species	Low	853
Dialister	genus	High	39948	Fusobacterium nucleatum	species	High	851
Eggerthella	genus	High	84111	Gemmiger fornicilis	species	High	745368
Eisenbergiella	genus	High	1432051	Klebsiella pneumoniae	species	High	573
Enterobacter	genus	Low	547	Ligilactobacillus salivarius	species	High	1624
Enterococcus	genus	High	1350	Limosilactobacillus reuteri	species	Low	1598
Escherichia	genus	High	561	Mediterraneibacter gnavus	species	High	33038
Eubacterium	genus	Low	1730	Megasphaera elsdenii	species	High	907
Faecalibacterium	genus	Low	216851	Mycobacterium avium	species	High	1764
Flexispira	genus	High	2353	Mycoplasmoides pneumoniae	species	High	2104
Fusobacterium	genus	Low	848	Mycoplasmopsis fermentans	species	High	2115
Gemella	genus	Low	1378	Porphyromonas gingivalis	species	High	837
Gordonibacter	genus	High	644652	Prevotella histicola	species	Low	470565
Gracilibacter	genus	High	342658	Proteus mirabilis	species	High	584
Haemophilus	genus	Low	724	Ruminococcus bromii	species	High	40518
Helicobacter	genus	High	209	Segatella copri	species	High	165179
Klebsiella	genus	High	570	Staphylococcus aureus	species	High	1280
Lachnospirillum	genus	Low	1506553	Streptococcus pneumoniae	species	High	1313
Lachnospira	genus	High	28050	Pseudomonas aeruginosa group	species group	High	136841
Lactobacillus	genus	Low	1578	Stenotrophomonas maltophilia group	species group	High	995085
Lactococcus	genus	Low	1357	Porphyromonas gingivalis ATCC 33277	strain	High	431947

Substance to Consider Adding or Taking

These are the most significant substances that are likely to improve the microbiome dysfunction. Dosages are based on the dosages used in clinical studies. For more information see: <https://microbiomeprescription.com/library/dosages>. These are provided as examples only

Colors indicates the type of substance: i.e. probiotics and prebiotics, herbs and spices, etc. There is no further meaning to them.

Antibiotics annotated with [CFS] have been used with various degree of success with Myalgic Encephalomyelitis, Chronic Fatigue Syndrome, Chronic Lyme, Chronic Q-Fever and Long COVID conditions. Rotation of antibiotics with 3 weeks off between courses is recommended.

5,6-dihydro-9,10-dimethoxybenzo[g]-1,3-benzodioxolo[5,6-

a]quinolizinium {Berberine} 1.5 gram/day

2H-1?6,2-benzothiazol-1,1,3-trione {Saccharin} 450 mg/day

Abstinence from eating {Fasting}

Amylum {Starch}

cholic,taurocholic ,chenodeoxycholic,glycocholic acids {Bile supplements}

Dextrin 40 gram/day

Ferrum {Iron Supplements} 400 mg/day

Heyndrickxia coagulans {B. coagulans} 10 BCFU/day

high carbohydrate diet

ketogenic diet

Linum usitatissimum {Flaxseed} 30 mg/day

long-term, moderate-intensity exercise {exercise}

Nitrogen Oxide x Particulate Matter {Urban air pollutant}

non-starch polysaccharides

Outer Layers of Triticum aestivum {Wheat Bran}

Phaseolus vulgaris {Boston bean}

proton-pump inhibitors (prescription) 60 mg/day

Pulses, Beans

Saccharomyces cerevisiae var boulardii {S. boulardii} 6 BCFU/day

Sodium Chloride {Salt}

Tobacco consumption {Smoking}

wheat

Retail Probiotics

Over 260 retail probiotics were evaluated with the following deemed beneficial with no known adverse risks.

nature's instincts / ultra spore probiotic
 florastor / florastor
 schiff / digestive advantage
 mwsb / candida yeast support
 source naturals / durafloa
 klaire labs / biospora
 spain (es) / axiboulardi
 spain (es) / ultralevura
 optibac / saccharomyces boulardii
 microbiome labs / restorflora
 organic 3 / primal soil
 organic 3 / yeastbiotic
 daiichi sankyo healthcare (jp) / panlactamin tablet
 thorne / bacillus coagulansvet 60 caps
 bio-botanical research / proflora4r restorative probiotic
 reserveage nutrition / beautiflora
 corebiotic
 nature's way (au) / adult vita gummies daily probiotic 80s
 Jetson / FIT
 Nutrition Essentials / Probiotic (900 BCFU)
 Bromatech (IT) / Enterelle
 Ombre / Metabolic Booster
 BIO-BOTANICAL RESEARCH / Megacidin
 imagilin / NutriLots Replenish
 SuperSmart / Saccharomyces Boulardii
 Schwabe Pharma Italia / AxiBoulardi
 Bromatech / ENTERELLE PLUS
 Law of Nature / Best Days Formula
 Biomed / Bacillus Coagulans
 Bulk Probiotics / Saccharomyces boulardii Probiotic Powder (Digestive Support)
 Bulk Probiotics / Bacillus Coagulans Probiotic
 natviehealthcare.com/Renewbiome Bacillus
 Steris Pharma(IN)/OXABACTOR
 Steris Pharma(IN)/PYLODIGEST PRO
 global health trax / threelac
 vitamin angels / just thrive
 microbiome labs/ megasporebiotic
 perfect pass / perfect pass probiotic bacillus spore
 enviromedica terraflora sbo probiotic

Note: Some of these are only available regionally – search the web for sources.

Substance to Consider Reducing or Eliminating

These are the most significant substances have been identified as probably contributing to the microbiome dysfunction.

In some cases blood work may show low levels of some vitamins, etc. listed below. This may be due to *greedy* bacteria reported at a high level above. Viewing bacteria data on the Kyoto Encyclopedia of Genes and Genomes (<https://www.kegg.jp/>) may provide better insight on the course of action to take.

3,3',4',5,7-pentahydroxyflavone {Quercetin}
 allium sativum {garlic}
 amikacin
 amoxicillin [CFS]
 ampicillin [CFS]
 Azadirachta indica {Neem}
 azithromycin,[CFS]
 benzylpenicillin sodium (antibiotic)
 Bifidobacterium animalis subsp. lactis {B. Lactis}
 bifidobacterium bifidum {B. bifidum}
 cefotaxime sodium salt (antibiotic)
 ceftazidime
 Cinnamomum zeylanicum {Ceylon Cinnamon}
 ciprofloxacin [CFS]
 clindamycin [CFS]
 Clostridium butyricum MIYAIRI 588 {Miyarisan}
 Curcuma longa {Turmeric}
 D-(-)-Fructose {Fruit sugar}
 Diferuloylmethane {Curcumin}
 fluoroquinolone
 foeniculum vulgare,fennel
 fruit
 gentamicin
 green tea

Honey {Honey }
 imipenem
 Lactocaseibacillus casei {L. casei}
 Lactocaseibacillus paracasei {L.paracasei}
 Lactobacillus plantarum {L. plantarum}
 Menta × piperita {peppermint}
 meropenem
 Metha family {Mint}
 organum vulgare {oregano}
 Pimpinella anisum {Anise}
 piperacillin-tazobactam
 polyphenols
 Probiotic Mixture 1 {Japanese Vet Probiotic}
 Probiotic Mixture 2 {Vetafarm Probiotic}
 Propolis {Bee glue}
 resveratrol-pterostilbene {grapes, blueberries}
 rosmarinus officinalis {rosemary}
 syzygium aromaticum {clove}
 Thymus vulgaris {thyme}
 tobramycin
 trimethoprim
 vancomycin (antibiotic)[CFS]
 yogurt
 Zingiber officinale Roscoe {ginger}

Sample of Literature Used

The following are the most significant of the studies used to generate these suggestions.

[Total flavonoids of *Drynaria fortunei* ameliorates rheumatoid arthritis by suppressing P. copri-mediated Th17 cell differentiation.](#)

Journal of ethnopharmacology , Volume: 358 2025 Nov 27

Authors Liang H,Li C,Wang Y,Hu Y,Zhao X,Luo N,Zhang Q,Li J,Guo J

[Serum trace element and mineral levels and fecal microbiota in relation to cartilage damage in rheumatoid arthritis patients.](#)

Journal of trace elements in medicine and biology : organ of the Society for Minerals and Trace Elements (GMS) , Volume: 92 2025 Oct 26

Authors Skalny AV,Korobeinikova TV,Morozova G,Menshikova IV,Gritsenko VA,Zhang F,Mak DV,Guo X,Sotnikova TI,Aschner M,Tinkov AA

[From gut to joint: the protective impact of *Eubacterium rectale* on rheumatoid arthritis.](#)

Frontiers in immunology , Volume: 16 2025

Authors Liu X,Wu R,Fan Y,Qin K,Li B,Li X,Gao C,Wang C

[Impact of Gut Microbiota and Probiotics on Rheumatoid Arthritis: A Potential Treatment Challenge.](#)

International journal of rheumatic diseases , Volume: 28 Issue: 5 2025 May

Authors Ajith TA,Anita B

[Linking microbial communities to rheumatoid arthritis: focus on gut, oral microbiome and their extracellular vesicles.](#)

Frontiers in immunology , Volume: 16 2025

Authors Lu J,Wang Y,Wu J,Duan Y,Zhang H,Du H

[Hypervirulent *Klebsiella pneumoniae* in Rheumatoid Arthritis on Abatacept.](#)

Journal of clinical rheumatology : practical reports on rheumatic & musculoskeletal diseases , 2024 Nov 11

Authors Sunaga A,Inoue T

[Investigating the causal impact of gut microbiota on arthritis via inflammatory proteins using mendelian randomization.](#)

Scientific reports , Volume: 14 Issue: 1 2024 Nov 10

Authors Pan B,Guo Q,Cai J,Chen L,Zhao Z,Shen P,Wang Y

[Dynamics of the gut microbiome in individuals at risk of rheumatoid arthritis: a cross-sectional and longitudinal observational study.](#)

Annals of the rheumatic diseases , 2024 Nov 8

Authors Rooney CM,Jeffery IB,Mankia K,Wilcox MH,Emery P

[The rheumatoid arthritis gut microbial biobank reveals core microbial species that associate and effect on host inflammation and autoimmune responses.](#)

iMeta , Volume: 3 Issue: 5 2024 Oct

Authors Huang HJ,Liu C,Sun XW,Wei RQ,Liu LW,Chen HY,Abdugheni R,Wang CY,Wang XM,Jiang H,Niu HY,Feng LJ,He JH,Jiang Y,Zhao Y,Wang YL,Shu Q,Bi MX,Zhang L,Liu B,Liu SJ

[Naturally acquired adaptive immunity to *Streptococcus pneumoniae* is impaired in rheumatoid arthritis patients.](#)

Clinical & translational immunology , Volume: 13 Issue: 10 2024

Authors Ercoli G,Selway-Clarke H,Truijen D,Folkmanaitė M,Oulton T,Norris-Grey C,Nakajima R,Felgner P,Wren BW,Tetteh K,Croucher NJ,Leandro M,Cambridge G,Brown JS

[*Cutibacterium acnes* as an overseen autoimmunity trigger: Unearthing heat-shock driven molecular mimicry.](#)

Microbes and infection , Volume: 27 Issue: 2 2025 Feb

Authors Repac J,Božić B,Božić Nedeljkovic B

[Gut microbiome-immune interactions and their role in rheumatoid arthritis development.](#)

PeerJ , Volume: 12 2024

Authors Nurgaziyev M,Issilbayeva A,Bersimbaev R,Ilderbayev O,Vinogradova E,Jarmukhanov Z,Nurgozhina A,Sergazy S,Kozhabergen N,Akhmetova Z,Meiramova A,Chulenbayeva L,Ibrayeva A,Mukhanbetzhanov N,Mukhanbetzhanova Z,Kozhakhmetov S,Ainabekova B,Kushugulova A

[Multikingdom characterization of gut microbiota in patients with rheumatoid arthritis and rheumatoid arthritis-associated interstitial lung disease.](#)

Journal of medical virology , Volume: 96 Issue: 7 2024 Jul

Authors Xing Y,Liu Y,Sha S,Zhang Y,Dou Y,Liu C,Xu M,Zhao L,Wang J,Wang Y,Ma X,Yan Q,Kong X

[Unraveling the gut microbiota's role in Rheumatoid arthritis: dietary pathways to modulation and therapeutic potential.](#)

Critical reviews in food science and nutrition , 2024 Jun 4

Authors Shan L,Chelliah R,Rahman SME,Hwan Oh D

[Treatment response in rheumatoid arthritis is predicted by the microbiome: a large observational study in UK DMARD-naïve](#)

patients.**Rheumatology (Oxford, England)** , Volume: 63 Issue: 12 2024 Jan 30

Authors Danckert NP,Freidin MB,Smith IG,Wells PM,Naeini MK,Visconti A,Compte R,MacGregor A,Williams FMK

The potential pathogenic role of gut microbiota in rheumatic diseases: a human-centred narrative review.**Internal and emergency medicine** , 2023 Dec 23

Authors Bixio R,Bertelle D,Bertoldo E,Morciano A,Rossini M

Severe Anaplasmosis With Multiorgan Involvement in a Rheumatoid Arthritis Patient.**Cureus** , Volume: 15 Issue: 7 2023 Jul

Authors Aydin Y,Vemuri B,Ahmed SM,Elgamal M,Bilgin S

Fusobacterium nucleatum aggravates rheumatoid arthritis through FadA-containing outer membrane vesicles.**Cell host & microbe** , 2023 Apr 5

Authors Hong M,Li Z,Liu H,Zheng S,Zhang F,Zhu J,Shi H,Ye H,Chou Z,Gao L,Diao J,Zhang Y,Zhang D,Chen S,Zhou H,Li J

Dysbiosis of the Gut Microbiota and Kynurenine (Kyn) Pathway Activity as Potential Biomarkers in Patients with Major Depressive Disorder.**Nutrients** , Volume: 15 Issue: 7 2023 Apr 3

Authors Lin P,Li D,Shi Y,Li Q,Guo X,Dong K,Chen Q,Lou X,Li Z,Li P,Jin W,Chen S,Sun Y,Sun J,Cheng X

Gut microbiota in pre-clinical rheumatoid arthritis: From pathogenesis to preventing progression.**Journal of autoimmunity** , 2023 Mar 15

Authors Lin L,Zhang K,Xiong Q,Zhang J,Cai B,Huang Z,Yang B,Wei B,Chen J,Niu Q

Adiposity is associated with expansion of the genus Dialister in rheumatoid arthritis patients.**Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie** , Volume: 160 2023 Apr

Authors Mena-Vázquez N,Ruiz-Limón P,Moreno-Indias I,Manrique-Arija S,Lisbona-Montañez JM,Rioja J,Mucientes A,Martin-Núñez GM,Cano-García L,Tinahones FJ,Fernández-Nebro A

Gut bacteriome, mycobiome and virome alterations in rheumatoid arthritis.**Frontiers in endocrinology** , Volume: 13 2022

Authors Dagar S,Singh J,Saini A,Kumar Y,Chhabra S,Minz RW,Rani L

Eating the Enemy: Mycoplasma Strategies to Evade Neutrophil Extracellular Traps (NETs) Promoting Bacterial Nucleotides Uptake and Inflammatory Damage.**International journal of molecular sciences** , Volume: 23 Issue: 23 2022 Nov 30

Authors Cacciotto C,Alberti A

Subdoligranulum chews up joints: how a gut pathobiont can instigate arthritis.**Trends in immunology** , Volume: 44 Issue: 1 2023 Jan

Authors Kriegel MA

Dysbiotic but nonpathogenic shift in the fecal mycobiota of patients with rheumatoid arthritis.**Gut microbes** , Volume: 14 Issue: 1 2022 Jan-Dec

Authors Lee EH,Kim H,Koh JH,Cha KH,Lee KK,Kim WU,Pan CH,Lee YH

Clonal IgA and IgG autoantibodies from individuals at risk for rheumatoid arthritis identify an arthritogenic strain of Subdoligranulum.**Science translational medicine** , Volume: 14 Issue: 668 2022 Oct 26

Authors Chriswell ME,Lefferts AR,Clay MR,Hsu AR,Seifert J,Feser ML,Rims C,Bloom MS,Bemis EA,Liu S,Maerz MD,Frank DN,Demoruelle MK,Deane KD,James EA,Buckner JH,Robinson WH,Holers VM,Kuhn KA

Implications of Porphyromonas gingivalis peptidyl arginine deiminase and gingipain R in human health and diseases.**Frontiers in cellular and infection microbiology** , Volume: 12 2022

Authors Chow YC,Yam HC,Gunasekaran B,Lai WY,Vo WY,Agarwal T,Ong YY,Cheong SL,Tan SA

Collinsella is associated with cumulative inflammatory burden in an established rheumatoid arthritis cohort.**Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie** , Volume: 153 2022 Sep

Authors Ruiz-Limón P,Mena-Vázquez N,Moreno-Indias I,Manrique-Arija S,Lisbona-Montañez JM,Cano-García L,Tinahones FJ,Fernández-Nebro A

Gut microbiota differences between psoriatic arthritis and other undifferentiated arthritis: A pilot study.**Medicine** , Volume: 101 Issue: 28 2022 Jul 15

Authors Lin CY,Hsu CY,He HR,Chiang WY,Lin SH,Huang YL,Kuo YH,Su YJ

Paratuberculosis: The Hidden Killer of Small Ruminants.**Animals : an open access journal from MDPI** , Volume: 12 Issue: 1 2021 Dec 21

Authors Idris SM,Eltom KH,Okuni JB,Ojok L,Elmagzoub WA,El Wahed AA,Eltayeb E,Gameel AA

Porphyromonas gingivalis induces periodontitis, causes immune imbalance, and promotes rheumatoid arthritis.**Journal of leukocyte biology** , 2021 May 31

Authors Zhou N,Zou F,Cheng X,Huang Y,Zou H,Niu Q,Qiu Y,Shan F,Luo A,Teng W,Sun J

Identification of Novel, Immunogenic HLA-DR-Presented Prevotella copri Peptides in Patients with Rheumatoid Arthritis:

Patients with Rheumatoid Arthritis.**Arthritis & rheumatology (Hoboken, N.J.)** , 2021 May 27

Authors Pianta A,Chiumento G,Ramsden K,Wang Q,Strle K,Arvikar S,Costello CE,Steere AC

Interplay of Microbiota and Citrullination in the Immunopathogenesis of Rheumatoid Arthritis.**Probiotics and antimicrobial proteins** , 2021 May 25

Authors Alghamdi MA,Redwan EM

Self-Balance of Intestinal Flora in Spouses of Patients With Rheumatoid Arthritis.**Frontiers in medicine** , Volume: 7 2020

Authors Liu Z,Wu Y,Luo Y,Wei S,Lu C,Zhou Y,Wang J,Miao T,Lin H,Zhao Y,Liu Q,Liu Y

The Gut Microbiota and Its Relevance to Peripheral Lymphocyte Subpopulations and Cytokines in Patients with Rheumatoid Arthritis.**Journal of immunology research** , Volume: 2021 2021

Authors Li Y,Zhang SX,Yin XF,Zhang MX,Qiao J,Xin XH,Chang MJ,Gao C,Li YF,Li XF

Regional Differences in the Gut Microbiota and Gut-Associated Immunologic Factors in the Ileum and Cecum of Rats With Collagen-Induced Arthritis.**Frontiers in pharmacology** , Volume: 11 2020

Authors Xu H,Cao J,Li X,Lu X,Xia Y,Fan D,Zhao H,Ju D,Xiao C

Associations between gut microbiota and genetic risk for rheumatoid arthritis in the absence of disease: a cross-sectional study.**The Lancet. Rheumatology** , Volume: 2 Issue: 7 2020 Jul

Authors Wells PM,Adebayo AS,Bowyer RCE,Freidin MB,Finckh A,Strowig T,Lesker TR,Alpizar-Rodríguez D,Gilbert B,Kirkham B,Cope AP,Steves CJ,Williams FMK

Characteristics of Gut Microbiota in Patients With Rheumatoid Arthritis in Shanghai, China.**Frontiers in cellular and infection microbiology** , Volume: 9 2019

Authors Sun Y,Chen Q,Lin P,Xu R,He D,ji W,Bian Y,Shen Y,Li Q,Liu C,Dong K,Tang YW,Pei Z,Yang L,Lu H,Guo X,Xiao L

Gut microbiome in chronic rheumatic and inflammatory bowel diseases: Similarities and differences.**United European gastroenterology journal** , Volume: 7 Issue: 8 2019 Oct

Authors Salem F,Kindt N,Marchesi JR,Netter P,Lopez A,Kokten T,Danese S,Jouzeau JY,Peyrin-Biroulet L,Moulin D

An Association of Gut Microbiota with Different Phenotypes in Chinese Patients with Rheumatoid Arthritis.**Journal of clinical medicine** , Volume: 8 Issue: 11 2019 Oct 24

Authors Chiang H,Li JR,Liu CC,Liu PY,Chen HH,Chen YM,Lan JL,Chen DY

Oral-Gut Microbiota and Arthritis: Is There an Evidence-Based Axis?**Journal of clinical medicine** , Volume: 8 Issue: 10 2019 Oct 22

Authors Lorenzo D,GianVincenzo Z,Carlo Luca R,Karan G,Jorge V,Roberto M,Javad P

Detection of Increased Relative Expression Units of <i>Bacteroides</i> and <i>Prevotella</i>, and Decreased <i>Clostridium leptum</i> in Stool Samples from Brazilian Rheumatoid Arthritis Patients: A Pilot Study.**Microorganisms** , Volume: 7 Issue: 10 2019 Oct 1

Authors Rodrigues GSP,Cayres LCF,Gonçalves FP,Takaoka NNC,Lengert AH,Tansini A,Brisotti JL,Sasdeli CBG,Oliveira GLV

Marked deterioration in rheumatoid arthritis associated bronchiectasis following treatment with Rituximab.**Respiratory medicine case reports** , Volume: 28 2019

Authors Musameh K,Campbell CD,Rutherford RM

A Metagenomic Meta-analysis Reveals Functional Signatures of Health and Disease in the Human Gut Microbiome.**mSystems** , Volume: 4 Issue: 4 2019 Jul-Aug

Authors Armour CR,Nayfach S,Pollard KS,Sharpton TJ

Rheumatoid Arthritis-Associated Autoimmunity Due to <i>Aggregatibacter actinomycetemcomitans</i> and Its Resolution With Antibiotic Therapy.**Frontiers in immunology** , Volume: 9 2018

Authors Mukherjee A,Jantsch V,Khan R,Hartung W,Fischer R,Jantsch J,Ehrenstein B,König MF,Andrade F

Analysis of Gut Microbiota in Rheumatoid Arthritis Patients: Disease-Related Dysbiosis and Modifications Induced by Etanercept.**International journal of molecular sciences** , Volume: 19 Issue: 10 2018 Sep 27

Authors Picchianti-Diamanti A,Panebianco C,Salemi S,Sorgi ML,Di Rosa R,Tropea A,Sgrulletti M,Salerno G,Terracciano F,D'Amelio R,Laganà B,Pazienza V

Curcumin for the Management of Periodontitis and Early ACPA-Positive Rheumatoid Arthritis: Killing Two Birds with One Stone.**Nutrients** , Volume: 10 Issue: 7 2018 Jul 16

Authors Asteriou E,Gkoutzourelas A,Mavropoulos A,Katsiari C,Sakkas LI,Bogdanos DP

Low body mass index and lymphocytopenia associate with Mycobacterium avium complex pulmonary disease in patients

with rheumatoid arthritis.**Modern rheumatology** , Volume: 29 Issue: 1 2019 Jan

Authors Hirose W,Harigai M,Uchiyama T,Itoh K,Ishizuka T,Matsumoto M,Nanki T

[Microbiota and inflammatory rheumatisms].**Revue medicale suisse** , Volume: 14 Issue: 597 2018 Mar 7

Authors Jarlborg M,Alpizar-Rodríguez D,Baillet A,Finckh A

Faecal microbiota study reveals specific dysbiosis in spondyloarthritis.**Annals of the rheumatic diseases** , Volume: 76 Issue: 9 2017 Sep

Authors Breban M,Tap J,Leboime A,Said-Nahal R,Langella P,Chiocchia G,Furet JP,Sokol H

Role of Gut Microbiota in Rheumatoid Arthritis.**Journal of clinical medicine** , Volume: 6 Issue: 6 2017 Jun 9

Authors Maeda Y,Takeda K

Evidence of the Immune Relevance of Prevotella copri, a Gut Microbe, in Patients With Rheumatoid Arthritis.**Arthritis & rheumatology (Hoboken, N.J.)** , Volume: 69 Issue: 5 2017 May

Authors Pianta A,Arvikar S,Strle K,Drouin EE,Wang Q,Costello CE,Steere AC

Alteration of Fecal Microbiota Profiles in Juvenile Idiopathic Arthritis. Associations with HLA-B27 Allele and Disease Status.**Frontiers in microbiology** , Volume: 7 2016

Authors Di Paola M,Cavaliere D,Albanese D,Sordo M,Pindo M,Donati C,Pagnini I,Giani T,Simonini G,Paladini A,Lionetti P,De Filippo C,Cimaz R

The Microbiome: a Revolution in Treatment for Rheumatic Diseases?**Current rheumatology reports** , Volume: 18 Issue: 10 2016 Oct

Authors Rosenbaum JT,Asquith MJ

Role of the Gut Microbiome in Modulating Arthritis Progression in Mice.**Scientific reports** , Volume: 6 2016 Aug 2

Authors Liu X,Zeng B,Zhang J,Li W,Mou F,Wang H,Zou Q,Zhong B,Wu L,Wei H,Fang Y

An expansion of rare lineage intestinal microbes characterizes rheumatoid arthritis.**Genome medicine** , Volume: 8 Issue: 1 2016 Apr 21

Authors Chen J,Wright K,Davis JM,Jeraldo P,Marietta EV,Murray J,Nelson H,Matteson EL,Taneja V

[THE USE OF PROBIOTICS IN PATIENTS WITH RHEUMATOID ARTHRITIS].**Likars`ka sprava** , Issue: 12 2014 Dec

Authors Kuchmak OB,Klymnyuk SI,Romanyuk LB,Pokryshko OV

Does the buck stop with the bugs?: an overview of microbial dysbiosis in rheumatoid arthritis.**International journal of rheumatic diseases** , Volume: 19 Issue: 1 2016 Jan

Authors Sandhya P,Danda D,Sharma D,Scaria V

The oral and gut microbiomes are perturbed in rheumatoid arthritis and partly normalized after treatment.**Nature medicine** , Volume: 21 Issue: 8 2015 Aug

Authors Zhang X,Zhang D,Jia H,Feng Q,Wang D,Liang D,Wu X,Li J,Tang L,Li Y,Lan Z,Chen B,Li Y,Zhong H,Xie H,Jie Z,Chen W,Tang S,Xu X,Wang X,Cai X,Liu S,Xia Y,Li J,Qiao X,Al-Aama JY,Chen H,Wang L,Wu Q,Zhang F,Zheng W,Li Y,Zhang M,Luo G,Xue W,Xiao L,Li J,Chen W,Xu X,Yin Y,Yang H,Wang J,Kristiansen K,Liu L,Li T,Huang Q,Li Y,Wang J

The metabolizable energy of dietary resistant maltodextrin is variable and alters fecal microbiota composition in adult men.**The Journal of nutrition** , Volume: 144 Issue: 7 2014 Jul

Authors Baer DJ,Stote KS,Henderson T,Paul DR,Okuma K,Tagami H,Kanahori S,Gordon DT,Rumpler WV,Ukhanova M,Culpepper T,Wang X,Mai V

Transglutaminase 2 is essential for adherence of Porphyromonas gingivalis to host cells.**Proceedings of the National Academy of Sciences of the United States of America** , Volume: 111 Issue: 14 2014 Apr 8

Authors Boisvert H,Lorand L,Duncan MJ

Fecal microbiota in early rheumatoid arthritis.**The Journal of rheumatology** , Volume: 35 Issue: 8 2008 Aug

Authors Vaahntovu J,Munukka E,Korkeamäki M,Luukkainen R,Toivanen P

Rheumatoid arthritis is an autoimmune disease triggered by Proteus urinary tract infection.**Clinical & developmental immunology** , Volume: 13 Issue: 1 2006 Mar

Authors Ebringer A,Rashid T

Identification of Mycoplasma fermentans in synovial fluid samples from arthritis patients with inflammatory disease.**Journal of clinical microbiology** , Volume: 38 Issue: 1 2000 Jan

Authors Johnson S,Sidebottom D,Bruckner F,Collins D

Mycoplasma fermentans, but not M penneans, detected by PCR assays in synovium from patients with rheumatoid arthritis and other rheumatic disorders.

Journal of clinical pathology , Volume: 49 Issue: 10 1996 Oct

Authors Schaevebeke T,Gilroy CB,Bébéar C,Dehais J,Taylor-Robinson D

[Hypogammaglobulinemia and rheumatic disease.](#)

Seminars in arthritis and rheumatism , Volume: 22 Issue: 4 1993 Feb

Authors Lee AH,Levinson AI,Schumacher HR Jr

[Chrysin and Luteolin from Moroccan Propolis to Prevent Aggressive Periodontitis Caused by Aggregatibacter actinomycetemcomitans Leukotoxin: A Computer-Aided Drug Design Approach.](#)

Pharmaceuticals (Basel, Switzerland) , Volume: 19 Issue: 1 2026 Jan 8

Authors El Meskini D,Chraa F,Touhtouh J,Quadghiri M,Gallo M,Bouyahya A,Aanniz T

[Biological Characterization and Essential Oil Profiles of Eastern European Cultivars of Thymus, Satureja, and Monarda.](#)

Molecules (Basel, Switzerland) , Volume: 31 Issue: 2 2026 Jan 19

Authors Pokajewicz K,Chodura M,Lezrag HA,Svydenko L,Nabrdalik M,Moliszevska E,Fatmi S,Hudz N,Wieczorek PP

[Berberine Alleviates Shigella-Induced Dysentery by Regulating Intestinal Barrier and Inflammatory Responses.](#)

International journal of molecular sciences , Volume: 27 Issue: 2 2026 Jan 21

Authors Ding J,Zhang Y,Fan X,Han Y,Lin Y

[Cinnamomum cassia Modulates Key Players of Gut-Liver Axis in Murine Lupus.](#)

Biomedicines , Volume: 14 Issue: 1 2025 Dec 19

Authors Maalouly G,Itani T,Fares N

[Comparative Impacts of Oral Amoxicillin, Azithromycin, and Clindamycin on Gut Microbiota and Intestinal Homeostasis.](#)

Antibiotics (Basel, Switzerland) , Volume: 15 Issue: 1 2025 Dec 25

Authors Li S,Sun J,Ren Y,Wang S

[Synthesis of biocompatible novel multi-tailed indole-based resorcinarene for effective delivery of quercetin against multidrug-resistant S. aureus.](#)

Archives of microbiology , Volume: 208 Issue: 3 2026 Jan 27

Authors Rehman K,Kanwal T,Hasnain M,Maharjan R,Muzafar W,Rao K,Saifullah S,Simjee SU,Shah MR

[Salt sensitivity potentiates high-salt diet-induced intestinal barrier disruption and gut microbiome dysbiosis in rats.](#)

Frontiers in microbiology , Volume: 16 2025

Authors Zeng B,Peng X,Xiao P,Nie K,Zhang G,Xia L

[Pear peel polyphenols protect against ulcerative colitis via coordinated modulation of gut microbiota and mucosal immunity.](#)

Food & function , 2026 Jan 23

Authors Ye Y,Jiang X,Jiang Y,Zhang L,Han B,Wang Y,Liu P,Lu X,Zhang C

[Effects of Lactobacillus paracasei LK01 on production performance, egg quality, antioxidant capacity, immunity and intestinal health of laying hens.](#)

Frontiers in veterinary science , Volume: 12 2025

Authors Wu T,Liu W,Yin X,Zhang L,Chen H,Zhang Y,Zhang C,Jiang R,Ding X

[Curcuma longa debranched starch assisted synthesis of cerium oxide nanoparticles and its antioxidant, anticancer, antimicrobial, and anti-biofilm activities.](#)

Scientific reports , 2026 Jan 19

Authors Sana SS,Mishra V,Vadde R,Sillanpaa M,Alfarraj S, Van Hung P,Kim SC

[Lactiplantibacillus plantarum P16 mitigated murine colitis through modulation of immune response and gut microbiota.](#)

AMB Express , 2026 Jan 17

Authors Chen Z,Cheng Q,Zhang X,Sheng Z,Shi L,Zhang Y

[Therapeutic Mechanisms of Lactiplantibacillus plantarum NXU0014 Against Chronic Alcohol-Induced Liver Injury Mediated by Gut-Liver Axis Modulation.](#)

Molecular nutrition & food research , Volume: 70 Issue: 1 2026 Jan

Authors Ji Q,Wang Y,Huo L,Qiao C,Li F,Yang F,Pan L

[Photothermic Release of Curcumin for Antimicrobial Photodynamic Therapy.](#)

ACS omega , Volume: 10 Issue: 48 2025 Dec 9

Authors Trigo-Gutierrez JK,Medaglia S,Aznar E,Martínez-Mañez R,Mima EGO

[Age-dependent effects of exercise on gut microbiota-mitochondria axis and cognitive function in aging mice.](#)

Journal of exercise rehabilitation , Volume: 21 Issue: 6 2025 Dec

Authors Park SS,Park HS,Choi GR,Kim SH,Kim TW

[Synergistic Effects of Garlic Extract and Mannan-Oligosaccharide Prebiotic Supplementation on Growth Performance, Carcass Quality, Immunity, Gut Morphology and Microbiome in Broiler Chickens.](#)

Veterinary medicine and science , Volume: 12 Issue: 1 2026 Jan

Authors Khan A,Mushtaq M,Shah M,Khan RU,Alonaizan R,Naz S,Abudabos A,Israr M

[Energy-sparing effect of oregano \(Origanum vulgare subsp. hirtum\) essential oil and its mixtures in broilers: Improved feed efficiency via optimized intestinal health.](#)

Poultry science , Volume: 105 Issue: 3 2025 Dec 29

Authors Li X,Wang S,Zhang L,Li D,Li H,Zhang Q,Jin C,Wang J,Wang J,Han J,Liu F,Jin S,Jin L,Shi D

[Change of oral microbiome diversity by smoking across different age groups.](#)

Frontiers in microbiology , Volume: 16 2025

Authors Seo K,Min JY,Min KB,Oh KH,Ryoo SW,Son SY,Lee JH

[Body Composition, Microbiome and Physical Activity in Workers Under Intermittent Hypobaric Hypoxia.](#)

Nutrients , Volume: 17 Issue: 24 2025 Dec 15

Authors Torres-Mejías J,Arriaza K,Mena F,Rivarola E,Paredes P,Ahmad H,López I,Soza D,Pino-Villalón JL,López-Espinoza MÁ,Duran-Agüero S,Merellano-Navarro E

[Synthesis, Anti-Tumour, and Antibacterial Activities of Monocarbonyl Curcumin Analogues of Piperidones.](#)

International journal of molecular sciences , Volume: 26 Issue: 24 2025 Dec 18

Authors Dong R,Xu R,Wang X

[Exercise, APOE Genotype, and Testosterone Modulate Gut Microbiome-Cognition Associations in Prostate Cancer Survivors.](#)

Genes , Volume: 16 Issue: 12 2025 Dec 16

Authors Raber J,O'Neil A,Kasschau KD,Pederson A,Robinson N,Guidarelli C,Chalmers C,Winters-Stone K,Sharpton TJ

[Optimising exercise intensity for gut health: Effect on microbiota composition, barrier integrity and inflammation in male Wistar rats.](#)

Experimental physiology , 2025 Dec 28

Authors Sylviana N,Karisa P,Romadona NF,Megantara I

[Gut Microbial Variations Associated With Proton Pump Inhibitor Use in the Boston Puerto Rican Health Study.](#)

Pharmacology research & perspectives , Volume: 14 Issue: 1 2026 Feb

Authors Dinesh D,Morgan XC,Kim H,Scott TM,Garelnabi M,Lee JS,Mangano KM,Nguyen LH,Huttenhower C,Tucker KL,Palacios N

[Effects of adding Bacillus coagulans to the diet on diarrhea, gut microbiota, and metabolites in yak.](#)

BMC veterinary research , 2025 Dec 16

Authors Zhang C,Luonan D,La Y,Ma X,Wu X,Chu M,Guo X,Pincuo Z,Liang C

[Taxonomic and functional shifts in the microbiome of severely obese, prediabetic patients: Ketogenic diet versus energy-matched standard diet.](#)

Diabetes, obesity & metabolism , 2025 Dec 15

Authors Stone J,Tripyla A,Scalise MC,Balmer ML,Bally L,Meinel DM

[Supplementation of Bacillus coagulans and Tributyrin to Danzhou Chickens: Effects on Growth Performance, Antioxidant Status, Immune Response, Intestinal Health, and Cecal Microbiome.](#)

Animals : an open access journal from MDPI , Volume: 15 Issue: 23 2025 Nov 27

Authors Yu X,Xu F,Zhao D,Chai H,Yu Y,Peng W,Xu L,Wu H

[Resveratrol as an Adjunct Antiviral Agent in Pediatric Viral Infections: A Review on Mechanistic Insights and Gut Microbiota Modulation.](#)

International journal of molecular sciences , Volume: 26 Issue: 23 2025 Nov 24

Authors Leonardi R,Lo Bianco M,Spinello S,Betta P,Gagliano C,Calabrese V,Polizzi A,Malaguarnera G

[Effects of dietary supplementation with Bacillus coagulans on growth and immune performance, rumen microorganisms, and metabolites of yaks.](#)

BMC microbiology , Volume: 25 Issue: 1 2025 Dec 8

Authors Zhang C,Luonan D,La Y,Ma X,Wu X,Chu M,Guo X,Pincuo Z,Liang C

[Berberine suppresses colon inflammation via integrated modulation of host metabolism, microbial ecology, and innate immune signaling.](#)

Theranostics , Volume: 16 Issue: 4 2026

Authors Xiao Y,Li X,Fang Y,Guo M,Shui M,Zhong G,Zhou H,Lin C,Sun B,Wang S

[Medium-chain triglycerides and ketogenic diet prevent alterations of the gut microbiome in transgenic Alzheimer's disease mice.](#)

Communications biology , 2025 Dec 7

Authors M'Bra PEH,Suárez-Urbe I,Avino M,Ng Kwan Lim E,Mayhue M,Balthazar P,Aumont A,Prévost K,Massé E,Fernandes KJL

[Resveratrol ameliorates early-weaning stressed calves via alterations in gut microbiome and metabolome.](#)

Journal of dairy science , 2025 Dec 3

Authors Ma X,Wang D,Kuang Y,Nan S,Niu Y,Wu Y,Zhang W

[Increasing carbohydrates or nitrogenous compounds by cecal infusion leads to an opposite influence on colonic microbiota and host metabolism in a pig model.](#)

Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 23 2025 Dec

Authors Pi Y,Mu C,Gao K,Liu Z,Peng Y,Yu K,Su Y,Zhu W

[A 30% high-fiber diet mitigates oxidative stress and inflammation while modulating cecal microbiota in rats undergoing high-intensity exercise.](#)

BMC sports science, medicine & rehabilitation , 2025 Nov 29

Authors Athari SZ,Amoghli Tabrizi B,Khakpour M,Kianfar N,Khani E,Abbasi A,Nourazar MA

[Green Synthesis of Copper, Iron and Silver Nanoparticles from *Origanum vulgare* L. subsp. vulgare; Characterization, In Vitro Enzyme Inhibition, Antimicrobial Activities and In Silico Molecular Docking Studies.](#)

Molecular biotechnology , 2025 Nov 29

Authors Aragan A,Imece A,Yigit A,Basar Y,Ertas M,Samsa CG,Ozturk D,Genç H

[Regulatory effects of berberine on intestinal microecology in mice with ulcerative colitis.](#)

Frontiers in microbiology , Volume: 16 2025

Authors Xu X,Zhao B,Liu P,Tang X,Lai Z,Song N,Cheng J

[Gut Microbiota Modulation by *Lactobacillus paracasei* EFEL6501 Ameliorates Muscle Atrophy.](#)

Journal of microbiology and biotechnology , Volume: 35 2025 Nov 26

Authors Pyeon GN,Seong H,Moon JS,Han NS

[Lactiplantibacillus plantarum Lp20 Alleviates High Fat Diet-Induced Obesity in Mice via Its Bile Salt Hydrolase Activity.](#)

Nutrients , Volume: 17 Issue: 22 2025 Nov 14

Authors Bai X,Lu F,Jing Y,Wang H,Qian H,Zhang M,Zhai Z,Hao Y

[Quercetin hybrid-hydrogel microparticles modulate gut microbiota and improve memory in an antibiotic-induced dysbiosis rat model.](#)

Scientific reports , Volume: 15 Issue: 1 2025 Nov 25

Authors Parappilly SJ,Vasu DA,Krishnan KAA,Yadukrishnan MB,Mohan MC,Pradeep M,Deepti A,Aneesa PA,Krishnakumar IM,Chakrapani PSB

[Lactiplantibacillus plantarum Intake Reduces Gastrointestinal Tract Damage Caused by Chronic Stress in Young Rats.](#)

ACS omega , Volume: 10 Issue: 45 2025 Nov 18

Authors Castro-Rodríguez DC,Pérez-Sánchez E,Hernández-Montes G,Oviedo-León JF,Nicolas-Toledo L

[Quercetin as a Novel Antidepressant: Mechanistic Insights into Its Neuroprotective and Anti-inflammatory Effects.](#)

Molecular neurobiology , Volume: 63 Issue: 1 2025 Nov 24

Authors Fan X,Wang Z,Sun L,Qin Y,Liu Y,Wu S,Du L

[Depending on intensity, exercise improved or worsened pathology in a model of prodromal Parkinson's disease.](#)

NPJ Parkinson's disease , Volume: 11 Issue: 1 2025 Nov 23

Authors Baldauf L,Feja M,Stanojlovic M,Strowig T,Visscher C,Schaeffer E,Berg D,Hankel J,Richter F

[Oral Administration of Lactiplantibacillus plantarum KBL396 Regulates Serum 5-Hydroxytryptamine and Gut Microbiota: Evidence from a Preclinical Mouse Model and a Randomized Controlled Human Trial.](#)

Probiotics and antimicrobial proteins , 2025 Nov 17

Authors Myung W,Jang SJ,Lee G,Lee C,Lee K,Moon SH,Jeong Y,Kim WK,Park S,Lee H,Park YS,Shin S,Nam TW,Jeon HJ,Ko G

[The regulatory effect of proton pump inhibitors combined with triple therapy on gut microbiota, visceral hypersensitivity and gastrointestinal hormone secretion disorders in elderly patients with non erosive gastroesophageal reflux disease.](#)

Pakistan journal of pharmaceutical sciences , Volume: 38 Issue: 6 2025 Nov-Dec

Authors Nian K,Zhang D

[Ketone ester supplementation protects from experimental colitis via improved goblet cell differentiation and function.](#)

European journal of nutrition , Volume: 64 Issue: 8 2025 Nov 12

Authors Rohwer N,Sander A,Ocvirk S,Wiebel M,Kühl AA,Schebb NH,Grune T,Weylandt KH

[Postbiotic delivery via alginate encapsulation alleviates DSS-induced colitis by modulating gut microbiota and SCFA-mediated immune signaling.](#)

Food research international (Ottawa, Ont.) , Volume: 221 Issue: Pt 3 2025 Dec

Authors Yu Q,Zhu J,Huang M,Bai J,Zhu Y,Zhao Y,Yang Y,Xiao X

[Chronic high-salt diet induces cognitive impairment and anxiety through gut microbiota alterations.](#)

European journal of pharmacology , 2025 Nov 7

Authors Xu W,Zhang C,Bai Y,Zhang H,Wei Y,Ge Q,Guo Y,Li M,An C,Chen X,Ma K

[Weizmannia coagulans BC99 alleviates pediatric allergic rhinitis via the gut microbiota-SCFAs- immunomodulatory axis: A randomized, double-blind, placebo-controlled trial.](#)

International immunopharmacology , Volume: 168 Issue: Pt 1 2025 Nov 5

Authors Han Z,Zhu H,Yang Y,Wang Y,Li X,Zhu J,Wu Y,Fang S,Gu S

[Aerobic exercise and gut flora: a key link to improved cognitive impairment in mice with Parkinson's disease.](#)

Frontiers in aging neuroscience , Volume: 17 2025

Authors Shan WP,Yan SL,Guo YY,Yang HK,Wang JC,Xiang J

[Multi-Strain Probiotics Alleviate Alcoholic Liver Disease Via Microbiota-Metabolism Axis: A Randomized Controlled Study.](#)

Probiotics and antimicrobial proteins , 2025 Nov 3

Authors Feng J,Wu J,Zhang M,Chen W,Zhao J,Lv Y,Lai R,Fang S,Li Y

[Dietary composition and fasting regimens differentially impact the gut microbiome and short-chain fatty acid profile in a](#)

Pakistani cohort.**Frontiers in systems biology , Volume: 5 2025**

Authors Gul F,Herrema H,Ameer A,Davids M,Nasir A,Gerasimidis K,Ijaz UZ,Javed S

Resistant Potato Starch Supplementation Increases the Serum Levels of Choline and Sphingomyelins Without Affecting Trimethylamine Oxide Levels.**Metabolites , Volume: 15 Issue: 10 2025 Oct 11**

Authors Bush JR,Han J,Goodlett DR

The Regulating Effect of Weizmannia coagulans BC-G44 on Antibiotic-Associated Diarrhea and its Improvement on Gut Microbiota.**Probiotics and antimicrobial proteins , 2025 Oct 27**

Authors Wang Z,Xiang Y,Xu Y,An J,Wei Q,Chen Y,Han D,Hao Z,Li H

Lactobacillus paracasei N1115 alleviates hyperuricemia in mice: regulation of uric acid metabolism as well as its impact on gut microbiota and short-chain fatty acids.**Frontiers in nutrition , Volume: 12 2025**

Authors Zhang H,Wang D,Li D,Bao B,Chen Q,Wang S,Han S,Zhao M

Exploring the Effects of Dietary Intake on Gut Microbiome Diversity and Composition of Older Adults with Type 1 Diabetes: A Pilot Study.**Current developments in nutrition , Volume: 9 Issue: 10 2025 Oct**

Authors Dubal AS,Sarteau AC,Azcarate-Peril MA,Djukic Z,Ercolino G,Fruik A,Ho J,Lee Z,Roach J,Valancius M,Young LA,Carroll IM,Kahkoska AR

Effects of different intake levels of brown rice and whole wheat on the mental state of mice.**Food chemistry , Volume: 496 Issue: Pt 2 2025 Oct 9**

Authors Zhi L,Wu T,Zhu Y,Zhao Q,Xue Y,Shen Q

Effects of home-based exercise training on gut microbiota and possible relations with cognitive function and metabolic health in postmenopausal women with type 2 diabetes mellitus: a randomized control trial.**Diabetes research and clinical practice , Volume: 229 2025 Oct 17**

Authors Vahed A,Molanouri Shamsi M,Siadat SD,Behmanesh M,Negaraesh R,Agh-Mohammadi S,Ebrahimi M

A Pharmacokinetic-Pharmacodynamic Approach to Propose an Amoxicillin Dosage Regimen for Treatment of Escherichia coli and Staphylococcus delphini Infections in Mink (Neovison vison).**Journal of veterinary pharmacology and therapeutics , 2025 Oct 17**

Authors Ronaghinia AA,Nikolaisen NK,Fertner M,Pirollo M,Frandsen HL,Struve T,Toutain PL,Damborg P

The Impact of Weizmannia coagulans BC99 on Anxiety and Depression: An 8-Week Clinical Pilot Study Through the Gut Microbiota-Brain Axis.**Nutrients , Volume: 17 Issue: 19 2025 Sep 28**

Authors Tie S,Pan Y,Pang C,Saman A,Dong Y,Fang S,Zhu J,Wu Y,Gu S

Rosemary Essential Oil Microemulsion for Fungal Keratitis Treatment.**Chemistry & biodiversity , 2025 Oct 15**

Authors Ribeiro S,Moraes MC,Scoaris DO,Madeira JEGC,Fialho SL,Moreira CPS

Resveratrol alleviates IBD-associated neuropsychiatric comorbidities via microbiota-dependent arginine metabolism reprogramming and microglial M2 polarization through gut-brain axis.**Cell communication and signaling : CCS , Volume: 23 Issue: 1 2025 Oct 10**

Authors Fan YY,Yang ZJ,Wang MY,Qin SM,Lei JQ,Xie QL,Jiang LS,Luo YG,Lu XF,Li K,Lu JM,Liang Q,Wu XB,Huang GD,Xie JZ,Luo W,Qin SY,Yu B,Wei KC

Exercise-induced modulation of gut microbiota in individuals with obesity and type 2 diabetes: a systematic review and meta-analysis.**Frontiers in microbiology , Volume: 16 2025**

Authors Lin W,Pu L,Qian X,Pan J,Cheng R,Sun P

Lactacaseibacillus casei CB054 short-term supplementation effect on murine splenocyte cytokine transcription and the gut bacterial microbiota.**Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology] , 2025 Oct 8**

Authors Zorzi VSG,Ramos JV,Conrad NL,Piraine REA,Santos FDS,Leite FPL

Garlic essential oil alleviate oxidative stress, inflammation and microbiota dybiosis from small intestinal damage in lipopolysaccharide-challenged weaned piglets.**Porcine health management , Volume: 11 Issue: 1 2025 Sep 30**

Authors Chen Y,Song W,Sun C,Chen Y,Chen X,Chen S,Chen Q,Wang K

Comparative Molecular Profiling and Bioactivity Analysis of Algerian Propolis: Antioxidant, Antibacterial Activities, and In Silico NRF2-KEAP1 Pathway Modulation.**Current issues in molecular biology , Volume: 47 Issue: 9 2025 Sep 15**

Authors Reguig A,Messai A,Bedaida IK,Pinto DCG,Bensouici C,Ouamane AT,Silva AMS,Roy JP

Bacillus coagulans-Pectin Synbiotic Modulates Gut Microbiota Composition and Attenuates Ethanol-Induced Alcoholic Liver Disease in Mice.

Microorganisms , Volume: 13 Issue: 9 2025 Aug 26

Authors Liu Z,Liu T,Fan Y,Jiang Z

Exercise-Induced Changes in Enterohepatic Communication Are Linked to Liver Steatosis Resolution.

Nutrients , Volume: 17 Issue: 18 2025 Sep 15

Authors Zou Y,Xia J,Zhang S,Guo Y,Liu W,Qi Z

Survival and Impact on Microbial Diversity of Lactacisibacillus paracasei DG in a Simulation of Human Intestinal Microbial Ecosystem.

Nutrients , Volume: 17 Issue: 18 2025 Sep 13

Authors Duysburgh C,Fiore W,Marzorati M

The multifaceted impact of a high-salt environment on the immune system and its contribution to salt-sensitive hypertension.

Biochemistry and biophysics reports , Volume: 44 2025 Dec

Authors Wang L,Hu J,Ren K

Hepatic Histopathological Benefit, Microbial Cost: Oral Vancomycin Mitigates Non-Alcoholic Fatty Liver Disease While Disrupting the Cecal Microbiota.

International journal of molecular sciences , Volume: 26 Issue: 17 2025 Sep 4

Authors Çirkin G,Aydemir S,Açıkgöz B,Çelik A,Güler Y,Kiray M,Baykara B,Dinleyici EÇ,Öztürk Y

Development of transfersomal nanocarriers loaded with Javanese turmeric essential oils and evaluation of their biological activity.

Food science and biotechnology , Volume: 34 Issue: 14 2025 Oct

Authors Mustati LF,Mufidah AH,Antonius H,Widiyastuti Y,Rahmi EP,Yuandani,Yuliani T,Septama AW

Polyphenol from walnut septum alleviates DSS-induced colonic injury by regulating the PI3K-AKT pathway signaling and gut microbiota in mice.

Phytomedicine : international journal of phytotherapy and phytopharmacology , Volume: 147 2025 Aug 22

Authors Hong Z,Chen J,Shi C,Bai Y,Hu X,Pan Y,Dai J,Sheng J,Xie J,Tian Y

Effect of Lactiplantibacillus plantarum LPJZ-658 on caecum microbiota and serum metabolomics of Luhua broiler.

Frontiers in microbiology , Volume: 16 2025

Authors Li M,Liu Z,Chen C,Liu Z,Liu L

Ketogenic Diet Modulates Gut Microbiota-Brain Metabolite Axis in a Sex- and Genotype-Specific Manner in APOE4 Mice.

Journal of neurochemistry , Volume: 169 Issue: 9 2025 Sep

Authors Ivanich K,Yackzan A,Flemister A,Chang YH,Xing X,Chen A,Yanckello LM,Sun M,Aware C,Govindarajan M,Kramer S,Ericsson A,Lin AL

Mango by-Product-Based High-Fiber Confectionery Attenuates Liver Steatosis and Alters Gut Microbiota in High-Fat Diet-Fed Rats.

Molecular nutrition & food research , 2025 Aug 30

Authors Barbosa Y,Gaytán-Martínez M,de Los Ríos-Arellano EA,Chavez-Santoscoy RA,Hinojosa-Alvarez S,Antunes-Ricardo M,Luzardo-Ocampo I,Ramírez-Jiménez AK

Probiotic Lactiplantibacillus plantarum Probio87 Improves Gut Microbial Profiles in HPV-Positive Women: A Randomized, Placebo-Controlled and Double-Blind Study.

Molecular nutrition & food research , 2025 Aug 30

Authors Xu P,Mageswary MU,Nisaa AA,Samsudin SB,Rusdi NIBM,Jerip ARA,Oon CE,Sany SB,Tan CS,Zhu ZH,Liong MT

Strain-Specific Lactobacillus Probiotics Intervention in Mitigating Obesity and Metabolic Dysregulation via Gut Microbiota Modulation in a Mouse Model of High-Fat Diet.

Probiotics and antimicrobial proteins , 2025 Aug 29

Authors Shad E,Azadikhah F,Shekarfroush S,Nazifi S,Eskandari MH

Effects of Treadmill Exercise on Gut Microbiota in Alzheimer's Disease Model Mice and Wild-Type Mice.

Microorganisms , Volume: 13 Issue: 8 2025 Jul 29

Authors Zhao Z,Wu X,Liu W,Zheng L,Tang C

Effects of Incorporation of Essential Oils in the Jersey Cow Diet on the Quality of Produced Dairy Products (Milk, Cream, and Colonial Cheese).

Foods (Basel, Switzerland) , Volume: 14 Issue: 16 2025 Aug 11

Authors da Silva CB,Zampar A,Danieli B,do Nascimento AL,Bavaresco LH,Rigo E,Klein B,Tribst AAL,Dias KKDR,Mayer FQ,Varela APM,Mann M,Frazzon J,Endres CM,Schogor ALB

Rosemary Extract: Phytochemical Composition and Potential for Eliminating Polymicrobial Biofilm of Candida albicans and Multidrug-Resistant Bacteria.

Biotech (Basel (Switzerland)) , Volume: 14 Issue: 3 2025 Aug 13

Authors Cintra TMF,Menezes RT,de Carvalho LS,de Miguel Nazario L,Hantao LW,Marcucci MC,Oliveira LD,Meccatti-Domiciano VM

[Enrichment of short-chain fatty acid-producing bacteria by pH-responsive sodium alginate and chitosan-encapsulated quercetin.](#)

Frontiers in microbiology , Volume: 16 2025

Authors Bai Q,Zhao Z,Duan Y,Cai R,Chen Y,Zhou C,Tian X,Yang Y,Wu H,Li M,You J,Song Q,Dong H,Liu T

[Pharmacokinetics Study and Modelling of Amoxicillin After Intramuscular Administration in Veal Calves Suffering From Omphalitis.](#)

Journal of veterinary pharmacology and therapeutics , 2025 Aug 20

Authors Moustaghfir M,Espana B,Hauray K,Charretier R,Hammed A,Louzier V,Madec JY,Haenni M,Lupo A,Prouillac C

[Lactacaseibacillus paracasei L21 and Its Postbiotics Ameliorate Ulcerative Colitis Through Gut Microbiota Modulation, Intestinal Barrier Restoration, and HIF1 \$\alpha\$ /AhR-IL-22 Axis Activation: Combined In Vitro and In Vivo Evidence.](#)

Nutrients , Volume: 17 Issue: 15 2025 Aug 1

Authors Chen J,Zhang L,Jiao Y,Lu X,Zhang N,Li X,Zheng S,Li B,Liu F,Zuo P

[Salivary pH Modulation and Antimicrobial Properties of Oregano-Oil Jelly in Relation to Menstrual and Menopausal Status.](#)

Nutrients , Volume: 17 Issue: 15 2025 Jul 29

Authors Potra Cicalau GI,Ciavoi G,Scrobota I,Venter ID,Ganea MF,Ghitea MC,Ghitea EC,Gitea MF,Ghitea TC,Nagy C,Pelea DC,Dobjanschi L,Gliger O,Moisa C,Ganea M

[Lactiplantibacillus plantarum promotes lactoferrin synthesis and secretion in bovine mammary epithelial cells through STAT3 and AP-1 transcription factor pathways.](#)

In vitro cellular & developmental biology. Animal , 2025 Aug 13

Authors Zhou J,Lian S,Geng Z,Yang Y,Wu R,Wang J

[Amoxicillin vs. ceftriaxone to treat pneumonia caused by amoxicillin-non-susceptible Streptococcus pneumoniae.](#)

Antimicrobial agents and chemotherapy , 2025 Aug 13

Authors Musher DM

[Ultrasound-enhanced bioaccessibility and pharmacological activities of curcumin in inclusion complexes.](#)

Food chemistry , Volume: 493 Issue: Pt 1 2025 Jul 25

Authors Oliveira MX,Ribeiro IS,Canafistula FVC,Muniz SFM,Sampaio LMF,Nobre ARA,Ribeiro FOS,Silva RE,Souza JMT,Torres EJB,Filho JDBM,Araújo AJ,Sousa JS,Oliveira LS,de Paula RCM,Valente AJM,Feitosa JPA

[Lactiplantibacillus plantarum MTCC 25433 and Quercetin Blend Ameliorate Benzo\[a\]pyrene-Induced Gut Dysregulation in a Murine Model.](#)

Current microbiology , Volume: 82 Issue: 9 2025 Aug 4

Authors Goyal SP,Chandratre GA,Rawat A,Kondepudi KK,Badgujar PC,Saravanan C

[Early-life 2'-Fucosyllactose and its combination with Bifidobacterium bifidum TMC3115: Sex-specific effects in learning, spatial memory, and hyperactivity in juvenile spontaneous hypertensive rats as an attention deficit/hyperactivity disorder model.](#)

Journal of dairy science , 2025 Jul 31

Authors Yang Y,Wu S,Liu J,Luo Y,Li J,Wang K,He F,Cheng R

[Antimicrobial activity of Origanum vulgare L. essential oil and its effects on fungal gene expression.](#)

PloS one , Volume: 20 Issue: 8 2025

Authors Li Y,He L,Xue Z,Liang Y,Jiang J,Wei Y,Li H,He H,Li R

[Impact of Heyndrickxia \(Bacillus\) coagulans GBI-30, 6086 \(BC30\) probiotic on gastrointestinal function in healthy adults: a randomised controlled trial.](#)

Beneficial microbes , 2025 Jul 22

Authors Gang H,Wei J,McFarland LV,Zahra R,Saez ME,Blanco-Rojo R,Millette M

[Alterations in Gut Microbiota and Stool Properties Following Treatment with Potassium-Competitive Acid Blocker and Proton Pump Inhibitor.](#)

Digestive diseases and sciences , 2025 Jul 24

Authors Dohi O,Yasuda T,Takagi T,Iwai N,Uchiyama K,Mizushima K,Inoue R,Naito Y,Itoh Y

[The influence of resveratrol and \$\beta\$ -Hydroxy- \$\beta\$ -methyl butyric acid supplementation alone or in combination on the development and health of the duodenum in Tibetan sheep.](#)

Frontiers in microbiology , Volume: 16 2025

Authors Zhang Y,ji Q,Gui L,Gebeyew K,Hou S,Wang Z,Han L,Yang C

[Synbiotic Administration of d-Tagatose and Lactacaseibacillus casei ATCC 393 Improves Hyperlipidemia in BALB/c Mice by Modulating Gut Microbiota and Metabolic Parameters.](#)

Food science & nutrition , Volume: 13 Issue: 7 2025 Jul

Authors Cavdar M,Nogay NH,Dincer E,Karabulut D,Onal MG,Bolat S

Physicochemical Properties, Antioxidant and Antibacterial Activities and Anti-Hepatocarcinogenic Effect and Potential Mechanism of Schefflera oleifera Honey Against HepG2 Cells.

Foods (Basel, Switzerland) , Volume: 14 Issue: 13 2025 Jul 4

Authors Li J,Wang J,Wang Y,Yang W

Effect of a 6-Month Functional Food Intervention on the Microbiota of Stunted Children in East Nusa Tenggara, Indonesia-A Randomized Placebo-Controlled Parallel Trial.

Foods (Basel, Switzerland) , Volume: 14 Issue: 13 2025 Jun 24

Authors Surono IS,Venema K,Martosudarmo S,Kusumo PD

Lactobacillales derived from traditional Xizang dairy products improve insomnia and restore neurotransmitter-metabolic profiles via gut microbiota in PCPA-induced mice.

Microbiological research , Volume: 300 2025 Jul 8

Authors Li P,Yang L,Shao X,Zou Z,Shi H,Sun Y,Wu X,Li Z,Li Y,Li Z

The potential of cell-free supernatants from Lactocaseibacillus paracasei B1 and Lactiplantibacillus plantarum O24 as antioxidant and antimicrobial agents.

Food chemistry , Volume: 492 Issue: Pt 2 2025 Jul 3

Authors Keska P,Zielinska D,Karbowiak M,Kruk M,Lisiecka U,Stadnik J

Effects of supplementation with Saccharomyces boulardii CNCM I-1079 on the fecal microbiota of healthy young Japanese black calves: A field trial.

Canadian journal of veterinary research = Revue canadienne de recherche veterinaire , Volume: 89 Issue: 3 2025 Jul

Authors Mori K,Uchiumi A,Yamamoto K,Shimizu Y,Ueda R,Fukazawa H,Ohtsuka H

Transforming Gut Health through Ramadan Intermittent Fasting: A Review on Metabolic and Microbiomic Insights.

Clinical nutrition ESPEN , 2025 Jul 1

Authors Elhag MRA,Abu-Median AB,Da Boit M,Haris PI,Madkour MI,Alkawamleh DH,Faris M

Quercetin alleviates the progression of chronic rhinosinusitis by affecting nasal mucosal epithelial remodeling, inflammation and Treg/Th17 imbalance.

Biochemistry and cell biology = Biochimie et biologie cellulaire , 2025 Jul 2

Authors Qu X,Tao P,Dong J,Meng L

Impact of exercise-induced alterations on gut microbiota diversity and composition: comparing effects of different training modalities.

Cell regeneration (London, England) , Volume: 14 Issue: 1 2025 Jul 2

Authors Wang Y,Bai S,Yang T,Guo J,Zhu X,Dong Y

Licorice Total Flavonoids and Its Gut-Enriched Lactobacillus plantarum Synergistically Activate the Nrf2 Pathway to Alleviate Liver Injury.

Journal of agricultural and food chemistry , 2025 Jul 2

Authors Qu Q,Ma Y,Gao X,Lin Y,Guan Y,Wang Z,Zhang W,Jin W,Guo A,Lv W,Guo S

2'-Fucosyllactose synbiotics with Bifidobacterium bifidum to improve intestinal transcriptional function and gut microbiota in constipated mice.

Food research international (Ottawa, Ont.) , Volume: 217 2025 Oct

Authors Shan Y,Zheng M,Liang W,Ouyang L,Wang S

Secoisolariciresinol diglucoside (SDG) from flaxseed meal alleviates hyperuricemia in mice by regulating uric acid metabolism and intestinal homeostasis.

Food research international (Ottawa, Ont.) , Volume: 217 2025 Oct

Authors Wang S,Chen J,Li Y,Wang Y

Exercise Remodels Akkermansia-Associated Eicosanoid Metabolism to Alleviate Intestinal Senescence: Multi-Omics Insights.

Microorganisms , Volume: 13 Issue: 6 2025 Jun 13

Authors Yu C,Liu X,Li Y,Li S,Huang Y,Liu S,Shao H,Shen Y,Fu L

Intermittent fasting inhibits the development of colorectal cancer in APC (Min/+) mice through gut microbiota and its related metabolites.

Frontiers in microbiology , Volume: 16 2025

Authors Chen J,Su R,He Y,Chen J

Impact of the Probiotic on the Modulation of Vaginal Bacterial and Fungal Microbiota in HPV-Positive Women.

Molecular nutrition & food research , 2025 Jun 11

Authors Xu P,Uma Mageswary M,Nisaa AA,Balasubramaniam SD,Samsudin SB,Rusdi NIBM,Jerip ARA,Oon CE,Bakar MHA,Tan JJ,Roslan FF,Kadir MN,Ismail EHBE,Sany SB,Tan CS,Liong MT

Prebiotic potential of wheat and dark rye: modulation of gut microbiota and short-chain fatty acid-producing bacteria.

Food science and biotechnology , Volume: 34 Issue: 11 2025 Jul

Authors Kim J,Kim J,Kim G,Kim S,Shin H

Impact of Ginger on Gut Microbiota Composition and Function in a Bacteroides-Dominant Enterotype.**Journal of microbiology and biotechnology** , Volume: 35 2025 May 26

Authors Kim J,Ha J,Kim S,Kim G,Shin H

Comparative efficacy of preventive vs. therapeutic resveratrol in modulating gut microbiota and alleviating inflammation in DSS-induced colitis.**BMC immunology** , Volume: 26 Issue: 1 2025 May 28

Authors Qin S,Yang Z,Lei J,Xie Q,Jiang L,Fan Y,Luo Y,Wei K,Luo W,Yu B

Lactobacillus plantarum and Galacto-Oligosaccharides Synbiotic Relieve Irritable Bowel Syndrome by Reshaping Gut Microbiota and Attenuating Mast Cell Hyperactivation.**Nutrients** , Volume: 17 Issue: 10 2025 May 14

Authors Yao Q,Zhang W,Wang Y,Shi L,Zhao Y,Liang J,Zhao Y,Kang J,Zheng X,Guo R,Yuan T,She Y,Liu Z

Bifidobacterium animalis Subsp. lactis PB200 Improves Intestinal Barrier Function and Flora Disturbance in Mice with Antibiotic-Induced Intestinal Injury.**Nutrients** , Volume: 17 Issue: 10 2025 May 8

Authors Wang G,Gong H,Zou Y,Zhang H,Mao X

Suitability of Piperacillin-Tazobactam for Treating Dogs Infected with Extended-Spectrum β -Lactamase-Producing Enterobacterales: Pharmacokinetic and Pharmacodynamic Analysis.**Antibiotics (Basel, Switzerland)** , Volume: 14 Issue: 5 2025 Apr 23

Authors Harada K,Harada H,Kanao Y,Kusumoto M

Metabolic Stress Induced by Quercetin Enhances Dormancy and Persistence in Staphylococcus aureus.**Antibiotics (Basel, Switzerland)** , Volume: 14 Issue: 5 2025 Apr 22

Authors Kim DY,Kim TJ

Ciprofloxacin-loaded electrosprayed lactose particles.**International journal of pharmaceutics** , 2025 May 22

Authors Liu S,Gaisford S,Williams GR

Impact of probiotic Lactobacillus plantarum GKM3 on gastrointestinal health in overweight and obese individuals: A randomized clinical trial.**Clinical nutrition ESPEN** , Volume: 68 2025 May 16

Authors Tsai YS,Lin XB,Lin SW,Chen YL,Hsu CL,Chen CC

The protective effects of propolis against lipopolysaccharide-induced acute liver injury by modulating serum metabolites and gut flora.**Scientific reports** , Volume: 15 Issue: 1 2025 May 15

Authors Liu Z,Li Z,Guo Y,Li Y,Xuan H

Menthacarin, a proprietary combination of peppermint and caraway oil, alters cultured human fecal microbiota composition, resulting in increased SCFA production.**Frontiers in pharmacology** , Volume: 16 2025

Authors Lehner MD,Ulsemmer P,Christochowitz S

Synergistic Biocidal Effects of Curcumin, Chitosan, and Nickel Titanate-Based Nanohybrids for Enhanced Antibacterial and Anticancer Therapies.**ACS applied bio materials** , 2025 May 14

Authors Jeyasingh E,Panneerselvam HM,Chandrasekaran K,Moorthy S

Crosstalk Among Gut Microbiota, Fecal Metabolites, and Amygdala Neuropathology Genes After Ginger Polyphenol Administration in Female Rats with Neuropathic Pain: Evidence for Microbiota-Gut-Brain Connection.**Nutrients** , Volume: 17 Issue: 9 2025 Apr 25

Authors Shen CL,Santos JM,Elmassry MM,Chen F, Ji G,Presto P,Kiritoshi T,Liu X,Neugebauer V

Quercetin ameliorates obesity and inflammation via microbial metabolite indole-3-propionic acid in high fat diet-induced obese mice.**Frontiers in nutrition** , Volume: 12 2025

Authors Lu J,Huang Y,Zhang Y,Xie J,Guo Q,Yang H,Yang Y,Chen J,Su L

Thyme oil-loaded chitosan microparticles: an antibacterial approach against pathogenic bacteria.**3 Biotech** , Volume: 15 Issue: 5 2025 May

Authors Thakur A,Sharma K

Poricoic Acid A Protects Against High-Salt-Diet Induced Renal Fibrosis by Modulating Gut Microbiota and SCFA Metabolism.**Plant foods for human nutrition (Dordrecht, Netherlands)** , Volume: 80 Issue: 2 2025 Apr 29

Authors Wang X,Xu Y,Wang Y,Xu Y,Tian Y,Wang Y,Wang M

Alleviating Effect of Lactiplantibacillus plantarum HYY-S10 on Colitis in Mice Based on an Analysis of the Immune Axis in the Intestine.**Microorganisms** , Volume: 13 Issue: 4 2025 Apr 7

Authors Li M,Liu X,Chen W,Xu H,Huang F,Yao Q,Jia X,Huang Y

Effect of a 24-week supervised concurrent exercise intervention on fecal microbiota diversity and composition in young sedentary adults: The ACTIBATE randomized controlled trial.

Clinical nutrition (Edinburgh, Scotland) , Volume: 49 2025 Apr 15

Authors Martinez-Tellez B,Xu H,Ortiz-Alvarez L,Rodríguez-García C,Schönke M,Jurado-Fasoli L,Osuna-Prieto FJ,Alcantara JMA,Acosta FM,Amaro-Gahete FJ,Folkerts G,Vilchez-Vargas R,Link A,Plaza-Diaz J,Gil A,Labayen I,Fernandez-Veledo S,Rensen PCN,Ruiz JR

Selenium-enriched green tea extracts: chemical constituents and effects on antioxidant and anti-inflammatory factors and four major intestinal flora in mice with intestinal disorders.

Journal of the science of food and agriculture , 2025 Apr 15

Authors Yang H,Tao H,Xu C,Song J,Teng C,Pan C,Wei S

Electrostatically assembled maghemite nanoparticles-Lactobacillus plantarum: A novel hybrid for enhanced antioxidant, antimicrobial, and antibiofilm efficacy.

Bioresource technology , 2025 Apr 12

Authors Shingade JA,Padalkar NS,Shin JH,Kim YH,Park TJ,Park JP,Patil AR

Dry ginger and Schisandra chinensis modulate intestinal flora and bile acid metabolism to treatment asthma.

Frontiers in microbiology , Volume: 16 2025

Authors Yu Y,Geng S,Bu C,Cao G,Han Y,Xie D,Hong Y

GC/MS and LC Composition Analysis of Essential Oil and Extracts From Wild Rosemary: Evaluation of Their Antioxidant, Antimicrobial, and Anti-Inflammatory Activities.

Biomedical chromatography : BMC , Volume: 39 Issue: 5 2025 May

Authors Mahboub N,Cherfi I,Laouini SE,Bouafia A,Benaissa A,Alia K,Alharthi F,Al-Essa K,Menaa F

Supplemental Probiotics, Postbiotics, and Their Combination on the Growth, Slaughter Variables, Organ Development, Intestinal Morphology, and Cecal Microbiota of Broilers.

Probiotics and antimicrobial proteins , 2025 Apr 9

Authors Zhu X,Zhang X,Zhang Y,Li F

Pharmacological insights into Azadirachta indica fruit: GC-MS Profiling and evaluation of key bioactivities on experimental animals.

Pakistan journal of pharmaceutical sciences , Volume: 38 Issue: 1 2025 Jan-Feb

Authors Razzak M,Riaz A,Rajput MA,Wahid S,Alqahtani A,Saeed Khan S,Nawaz M,Ahmed A

Gut dysbiosis induced by a high-salt diet aggravates atherosclerosis by increasing the absorption of saturated fatty acids in ApoE-deficient mice.

Journal of clinical biochemistry and nutrition , Volume: 76 Issue: 2 2025 Mar

Authors Yoshimura T,Okamura T,Yuge H,Hosomi Y,Kimura T,Ushigome E,Nakanishi N,Sasano R,Ogata T,Hamaguchi M,Fukui M

Curcumin Ameliorated Glucocorticoid-Induced Osteoporosis While Modulating the Gut Microbiota and Serum Metabolome.

Journal of agricultural and food chemistry , 2025 Mar 26

Authors Li S,Zhang Y,Ding S,Chang J,Liu G,Hu S

Antimicrobial Sponge: A Polyvinyl Alcohol, Tannic Acid and Curcumin-Loaded Nanolignin Hydrogel Composite Scaffold.

Gels (Basel, Switzerland) , Volume: 11 Issue: 3 2025 Feb 26

Authors Anand R,Collard D,Thomann JS,Duday D

The Development and Comparative Evaluation of Rosemary Hydroalcoholic Macerate-Based Dermatocosmetic Preparations: A Study on Antioxidant, Antimicrobial, and Anti-Inflammatory Properties.

Gels (Basel, Switzerland) , Volume: 11 Issue: 3 2025 Feb 20

Authors Sahlabji A,Lupuliasa D,Stanciu G,Lup?or S,Vlaia LL,Rotariu R,Predescu NC,Radulescu C,Olteanu RL,Stanescu SG,Hîncu L,Mititelu M

Effect of Probiotic Product Containing Heyndrickxia coagulans TBC169 on Hyperuricemia in Rats.

Probiotics and antimicrobial proteins , 2025 Mar 24

Authors Duan L,Zhang X,Wang D,Xin J,Jiang Y,Sun N,Chen B,Luo J,He Y,Pan K,Zeng Y,Jing B,Ni X,Liu H

Alleviation effects of Lactobacillus plantarum in colitis aggravated by a high-salt diet depend on intestinal barrier protection, NF-?B pathway regulation, and oxidative stress improvement.

Food & function , 2025 Mar 20

Authors Chen Y,Liu N,Chen F,Liu M,Mu Y,Wang C,Xia L,Peng M,Zhou M

Behavioral alterations in antibiotic-treated mice associated with gut microbiota dysbiosis: insights from 16S rRNA and metabolomics.

Frontiers in neuroscience , Volume: 19 2025

Authors Bibi A,Zhang F,Shen J,Din AU,Xu Y

Multi-omics analysis of the mechanism of alfalfa and wheat-induced rumen flatulence in Xizang sheep.

Microbiology spectrum , 2025 Mar 7

Authors Wu J,Zhang X,Ayesha K,Khuram S,Cui J,Wang G,Yangzong Z,Shi M,Jiang X,Li L,Liu G,Zhao W,Song T

Chemical compositions and synergistical antimicrobial effects of essential oils from four commonly used *Satureja* species in combination with two conventional antibiotics.

Chemistry & biodiversity , 2025 Feb 27

Authors Abbad I,Soulaimani B,Iriti M,Barakate M

Successful rivaroxaban and doxycycline therapy for *Mycoplasma pneumonia* with pulmonary embolism in children: a case report.

Frontiers in pediatrics , Volume: 13 2025

Authors Xiaoqian F,Hemin L

Chemical Characterization and Antibiotic-Enhancing Activity of the Essential Oils of Propolis of *Melipona quadrifasciata quadrifasciata*.

Plants (Basel, Switzerland) , Volume: 14 Issue: 4 2025 Feb 14

Authors Albuquerque ES,Paulo CLR,de Oliveira Borges JA,Gonçalves SA,Alencar GG,Ferreira do Carmo J,de Moraes Almeida AI,Santos MLD,Almeida-Bezerra JW,da Silva LE,Oliveira-Tintino CDM,Coutinho HDM

Urinary Tract Infections Caused by *Klebsiella pneumoniae* and Prolonged Treatment with Trimethoprim/Sulfamethoxazole.

Microorganisms , Volume: 13 Issue: 2 2025 Feb 14

Authors Filev R,Lyubomirova M,Bogov B,Kolevski A,Pencheva V,Kalinov K,Rostaing L

Analysis of Polyphenols from *Polygala major* Jacq.

Antioxidants (Basel, Switzerland) , Volume: 14 Issue: 2 2025 Jan 27

Authors Yilmazer Keskin S,Avci A,Arif Ali Ali L,Keskin CS

Intermittent fasting regulates gut microbiota and serum metabolome profiles in middle-aged mice fed high-fat diet.

Nutrition & metabolism , Volume: 22 Issue: 1 2025 Feb 25

Authors Li Z,Chen S,Yin B,Wei J,Wang D,Zhou H,Sun Z

Correlation between daily physical activity and intestinal microbiota in perimenopausal women.

Sports medicine and health science , Volume: 7 Issue: 3 2025 May

Authors Zheng Y,Ke J,Song J,Li X,Kuang R,Wang H,Li S,Li Y

The efficacy and underlying mechanisms of berberine in the treatment of recurrent *Clostridioides difficile* infection.

International journal of antimicrobial agents , Volume: 65 Issue: 5 2025 Feb 20

Authors Wang L,Xu T,Wu S,Zhao C,Huang H

Carnosic acid reduces lipid content, enhances gut health, and modulates microbiota composition and metabolism in diet-induced obese mice.

Food & function , Volume: 16 Issue: 5 2025 Mar 3

Authors Zhang J,Shen M,Yin Y,Chen Y,Deng X,Mo J,Zhou X,Lin J,Chen X,Xie X,Wu X,Chen X

Methyl Gallate and Amoxicillin-Loaded Electrospun Poly(vinyl alcohol)/Chitosan Mats: Impact of Acetic Acid on Their Anti-*Staphylococcus aureus* Activity.

Polymers , Volume: 17 Issue: 1 2024 Dec 24

Authors Jiamboonsri P,Sangkhun W,Wanwong S

Comparative Evaluation of Different Mint Species Based on Their In Vitro Antioxidant and Antibacterial Effect.

Plants (Basel, Switzerland) , Volume: 14 Issue: 1 2025 Jan 2

Authors Sfaxi A,Tavaszi-Sárosi S,Flórián K,Patonay K,Radácsi P,Juhász Á

Chemical Characterization and Antimicrobial Activity of Green Propolis from the Brazilian Caatinga Biome.

Plants (Basel, Switzerland) , Volume: 13 Issue: 24 2024 Dec 21

Authors Aldana-Mejía JA,Ribeiro VP,Katragunta K,Avula B,Tatapudi KK,Bastos JK,Khan IA,Meepagala K,Ross SA

Curcumin Mitigates Gut Dysbiosis and Enhances Gut Barrier Function to Alleviate Metabolic Dysfunction in Obese, Aged Mice.

Biology , Volume: 13 Issue: 12 2024 Nov 21

Authors Lamichhane G,Olawale F,Liu J,Lee DY,Lee SJ,Chaffin N,Alake S,Lucas EA,Zhang G,Egan JM,Kim Y

Determination of antibacterial and antioxidant potential of organic crude extracts from *Malus domestica*, *Cinnamomum verum* and *Trachyspermum ammi*.

Scientific reports , Volume: 15 Issue: 1 2025 Jan 6

Authors Irshad A,Jawad R,Mushtaq Q,Spalletta A,Martin P,Ishtiaq U

Fecal Metaproteomics as a Tool to Monitor Functional Modifications Induced in the Gut Microbiota by Ketogenic Diet: A Case Study.

Proteomics , 2025 Jan 5

Authors Tanca A,Masia S,Giustacchini P,Uzzau S

Probiotic treatment induces changes in intestinal microbiota but does not alter SCFA levels in peritoneal dialysis patients-a randomized, placebo-controlled trial.

Scientific reports , Volume: 14 Issue: 1 2024 Dec 28

Authors Zhou S,Yan Y,Chu R,Chen N,Wang L,Zhang H,Wang Y,Wang M,Na L,Ren H,Chen M,Li PK,Tian N

Resveratrol and β -hydroxy- β -methylbutyric acid supplementation promotes ileal development and digestive function by altering microbial community abundance and metabolites in Tibetan sheep.

Frontiers in veterinary science , Volume: 11 2024

Authors Gan J, Ji Q, Su Q, Hou S, Gui L

Impact of cigarette smoking on gut microbial dysbiosis: a structured literature review.

Gut microbiome (Cambridge, England) , Volume: 5 2024

Authors Imade EE, Obayagbona NO

Antimicrobial activities of seasonally collected bee products: honey, propolis, royal jelly, venom, and mellitin.

Brazilian journal of biology = Revista brasleira de biologia , Volume: 84 2024

Authors Obeidat M, Haddad MA, Ghnamat SA

Amelioration of inflammatory bowel disease by Bifidobacterium animalis subsp. lactis XLTG11 in combination with mesalazine.

Frontiers in microbiology , Volume: 15 2024

Authors Ma W, Wu Y, Lin X, Yang L, Huang L

A systematic review and individual bacterial species level meta-analysis of in vitro studies on the efficacy of ceftazidime/avibactam combined with other antimicrobials against carbapenem-resistant Gram-negative bacteria.

The Journal of antimicrobial chemotherapy , Volume: 80 Issue: 2 2025 Feb 3

Authors Assefa GM, Roberts JA, Aslan AT, Mohammed SA, Sime FB

Weizmannia coagulans BC99 Enhances Intestinal Barrier Function by Modulating Butyrate Formation to Alleviate Acute Alcohol Intoxication in Rats.

Nutrients , Volume: 16 Issue: 23 2024 Nov 29

Authors Li C, Zhai S, Duan M, Cao L, Zhang J, Wang Y, Wu Y, Gu S

A Novel Supplement Consisting of Rice, Silkworm Pupae and a Mixture of Ginger and Holy Basil Improves Post-Stroke Cognitive Impairment.

Nutrients , Volume: 16 Issue: 23 2024 Nov 29

Authors Thongwong P, Wattanathorn J, Thukham-Mee W

Effect of Lactobacillus paracasei LK01 on Growth Performance, Antioxidant Capacity, Immunity, Intestinal Health, and Serum Biochemical Indices in Broilers.

Animals : an open access journal from MDPI , Volume: 14 Issue: 23 2024 Dec 1

Authors Liu W, Cheng H, Zhang H, Liu G, Yin X, Zhang C, Jiang R, Wang Z, Ding X

Compositional Variations in Wheat Bran Influence Growth Performance, Nutrient Retention, and Cecal Microbiome in Broilers.

Animals : an open access journal from MDPI , Volume: 14 Issue: 23 2024 Nov 26

Authors Feng Y, Jiao S, Zhang Y, Liu Y, Zhao F, Wang Y, Sa R, Xie J

Polyphenols-rich Portulaca oleracea L. (purslane) alleviates ulcerative colitis through restoring the intestinal barrier, gut microbiota and metabolites.

Food chemistry , Volume: 468 2025 Mar 15

Authors Li Z, Chu T, Sun X, Zhuang S, Hou D, Zhang Z, Sun J, Liu Y, Li J, Bian Y

Wheat β -glucan reduces obesity and hyperlipidemia in mice with high-fat and high-salt diet by regulating intestinal flora.

International journal of biological macromolecules , Volume: 288 2025 Feb

Authors Li M, Wang Q, Zhang X, Li K, Niu M, Zhao S

Open Label Vancomycin in Primary Sclerosing Cholangitis-Inflammatory Bowel Disease: Improved Colonic Disease Activity and Associations With Changes in Host-Microbiome-Metabolomic Signatures.

Journal of Crohn's & colitis , Volume: 19 Issue: 2 2025 Feb 4

Authors Quraishi MN, Cheesbrough J, Rimmer P, Mullish BH, Sharma N, Efsthathiou E, Acharjee A, Gkoutos G, Patel A, Marchesi JR, Camuzeaux S, Chappell K, Valdivia-Garcia MA, Ferguson J, Brookes MJ, Walmsley M, Rossiter AE, van Schaik W, McInnes RS, Cooney R, Trauner M, Beggs AD, Iqbal TH, Trivedi PJ

Microencapsulation of Azadirachta indica oil and Tinospora cordifolia extracts blend for single-use applications.

Heliyon , Volume: 10 Issue: 20 2024 Oct 30

Authors Khan O, Chandra Das S, Bedoura S

Flaxseed Linusorb Alleviates Collagen-Induced Rheumatoid Arthritis in Rats via Inhibiting the TLR4/NF- κ B/MAPK Signal Pathway and Modulating Gut Microbiota.

Journal of agricultural and food chemistry , Volume: 72 Issue: 50 2024 Dec 18

Authors Li J, Chen J, Shao X, Zhang N, Wang Y, Li Y

Natural compounds in the fight against Staphylococcus aureus biofilms: a review of antibiofilm strategies.

Frontiers in pharmacology , Volume: 15 2024

Authors Kashi M, Noei M, Chegini Z, Shariati A

Altered interaction network in the gut microbiota of current cigarette smokers.

Engineering microbiology , Volume: 4 Issue: 2 2024 Jun

Authors Zhu Z,Wang M,Guan Y,Li M,Peng Q,Zheng N,Ma W

Gut microbiota and mycobiota change with feeding duration in mice on a high-fat and high-fructose diet.

BMC microbiology , Volume: 24 Issue: 1 2024 Nov 29

Authors Zheng R,Xiang X,Shi Y,Xie J,Xing L,Zhang T,Zhou Z,Zhang D

The probiotic *Lactobacillus plantarum* alleviates colitis by modulating gut microflora to activate PPAR γ and inhibit MAPKs/NF- κ B.

European journal of nutrition , Volume: 64 Issue: 1 2024 Nov 28

Authors Zang R,Zhou R,Li Y,Wu H,Lu L,Xu H

Consumption of resistant potato starch produces changes in gut microbiota that correlate with improvements in abnormal bowel symptoms: a secondary analysis of a clinical trial.

BMC nutrition , Volume: 10 Issue: 1 2024 Nov 27

Authors Bush JR,Alfa MJ

Zingiber officinale Uncovered: Integrating Experimental and Computational Approaches to Antibacterial and Phytochemical Profiling.

Pharmaceuticals (Basel, Switzerland) , Volume: 17 Issue: 11 2024 Nov 19

Authors Sulieman AME,Ibrahim SM,Alshammari M,Abdulaziz F,Idriss H,Alanazi NAH,Abdallah EM,Siddiqui AJ,Shommo SAM,Jamal A,Badraoui R

Antimicrobial Activity of *Origanum vulgare* Essential Oil against *Staphylococcus aureus* and *Escherichia coli*.

Pharmaceuticals (Basel, Switzerland) , Volume: 17 Issue: 11 2024 Oct 25

Authors Tejada-Muñoz S,Cortez D,Rascón J,Chavez SG,Caetano AC,Díaz-Manchay RJ,Sandoval-Bances J,Huyhua-Gutierrez S,Gonzales L,Chenet SM,Tapia-Limonchi R

Heat-Killed *Lactobacillus paracasei* SMB092 Reduces Halitosis by Stimulating the Expression of β -Defensins in Oral Keratinocytes.

Microorganisms , Volume: 12 Issue: 11 2024 Oct 25

Authors Kim WJ,Jung G,Kim T,Kim J,Hurh BS,Kim H,Soung DY

Generalized Ketogenic Diet Induced Liver Impairment and Reduced Probiotics Abundance of Gut Microbiota in Rat.

Biology , Volume: 13 Issue: 11 2024 Nov 4

Authors Song G,Song D,Wang Y,Wang L,Wang W

Probiotic-Loaded Bacterial Cellulose as an Alternative to Combat Carbapenem-Resistant Bacterial Infections.

Antibiotics (Basel, Switzerland) , Volume: 13 Issue: 11 2024 Oct 25

Authors Gutiérrez-Fernández J,Cerezo-Collado L,Garcés V,Alarcón-Guijo P,Delgado-López JM,Domínguez-Vera JM

Tea Polyphenols Reduced Obesity by Modulating Gut Microbiota-SCFAs-Barrier and Inflammation in High-Fat Diet-Induced Mice.

Molecular nutrition & food research , Volume: 68 Issue: 24 2024 Dec

Authors Tian B,Huang P,Pan Y,Gu H,Yang K,Wei Z,Zhang X

Protective effects of insoluble dietary fiber from cereal bran against DSS-induced chronic colitis in mice: From inflammatory responses, oxidative stress, intestinal barrier, and gut microbiota.

International journal of biological macromolecules , Volume: 283 Issue: Pt 2 2024 Dec

Authors Li M,Wang Q,Niu M,Yang H,Zhao S

Improvement and Recovery of Intestinal Flora Disorder Caused by Ciprofloxacin Using Lactic Acid Bacteria.

Probiotics and antimicrobial proteins , 2024 Nov 20

Authors Su X,Su L,Cao M,Sun Y,Dai J,He Y,Li W,Ge W,Lv X,Zhang Q,Cui S,Chen J,Yang B

PK/PD modelling and simulation of longitudinal meropenem in vivo effects against *Escherichia coli* and *Klebsiella pneumoniae* strains with high MICs.

International journal of antimicrobial agents , Volume: 64 Issue: 6 2024 Dec

Authors Saporta R,Nielsen EI,Hansen JU,Liepinsh E,Minichmayr IK,Friberg LE

The antimicrobial and antibiofilm effects of gentamicin, imipenem, and fucoidan combinations against dual-species biofilms of *Staphylococcus aureus* and *Acinetobacter baumannii* isolated from diabetic foot ulcers.

Annals of clinical microbiology and antimicrobials , Volume: 23 Issue: 1 2024 Nov 15

Authors Nazari M,Taheri M,Nouri F,Bahmanzadeh M,Alikhani MY

Phytochemicals, antioxidant, and antimicrobial activities of *Opuntia stricta* fruits peel.

Open veterinary journal , Volume: 14 Issue: 10 2024 Oct

Authors Affi W,Mohamed AA,Gharsallah N,Smetanska I,Zourgui L

Timing Matters: Late, but Not Early, Exercise Training Ameliorates MASLD in Part by Modulating the Gut-Liver Axis in Mice.

Journal of pineal research , Volume: 76 Issue: 8 2024 Dec

Authors Kovynev A,Ying Z,Zhang S,Olgıati E,Lambooij JM,Visentin C,Guigas B,Ducarmon QR,Rensen PCN,Schönke M

Therapeutic Interventions for Pseudomonas Infections in Cystic Fibrosis Patients: A Review of Phase IV Trials.**Journal of clinical medicine** , Volume: 13 Issue: 21 2024 Oct 30

Authors Alqasmi M

Six months of different exercise type in sedentary primary schoolchildren: impact on physical fitness and saliva microbiota composition.**Frontiers in nutrition** , Volume: 11 2024

Authors Mancini A,Vitucci D,Lasorsa VA,Lupo C,Brustio PR,Capasso M,Orrù S,Rainoldi A,Schena F,Buono P

Azithromycin for Preventing Bronchopulmonary Dysplasia in Extremely Preterm Infants: A Cohort Study.**Pediatric pulmonology** , Volume: 60 Issue: 1 2025 Jan

Authors Zeng Y,Huang Z,Wang Y,Lin B,Zhao D,Yang C,Chen X

Pediococcus pentosaceus RC007 and Saccharomyces boulardii RC009 as antibiotic alternatives for gut health in post-weaning pigs.**Journal of applied microbiology** , 2024 Nov 5

Authors Parada J,Magnoli A,Poloni V,Isgro MC,Cavaglieri LR,Luna MJ,Carranza A,Cavaglieri L

Growth assessment of mixed cultures of probiotics and common pathogens.**Anaerobe** , 2023 Oct 28

Authors Fredua-Agyeman M,Stapleton P,Gaisford S

Synergistic defense: Quercetin and chondroitin sulfate combat bacterial trigger of rheumatoid arthritis, Proteus mirabilis through in-vitro and in-vivo mechanisms.**Microbial pathogenesis** , 2024 Oct 26

Authors Priya PS,Murugan R,Srileka R,Ramya Ranjan Nayak SP,Thirumal M,Rajagopal R,Pasupuleti M,Kumarodoss KM,Arockiaraj J

Efficacy and safety of traditional Chinese medicine combined with azithromycin sequential therapy for mycoplasma pneumonia among children: a meta-analysis of randomized controlled trials.**Frontiers in pharmacology** , Volume: 15 2024

Authors Lyu J,Fan F,Li J,Wang Q,Tian X,Xu J,Zhang S,Wang B

Cigarette smoke compromises macrophage innate sensing in response to pneumococcal infection.**Journal of microbiology, immunology, and infection = Wei mian yu gan ran za zhi** , 2024 Oct 28

Authors Liao WC,Chou CH,Ho MW,Chen JT,Chou SL,Huang YT,Bui NN,Wu HY,Lee CF,Huang WC,Lai CH

Bone Healing via Carvacrol and Curcumin Nanoparticle on 3D Printed Scaffolds.**Small (Weinheim an der Bergstrasse, Germany)** , 2024 Oct 27

Authors Dahiya A,Chaudhari VS,Bose S

Lecithin-based mixed polymeric micelles for activity improvement of curcumin against Staphylococcus aureus.**Journal of biomaterials science. Polymer edition** , 2024 Oct 26

Authors Jia Y,Li Y,Wang M,Wang F,Liu Q,Song Z

Comparison of the Gut Microbiota of Patients Who Improve with Antibiotic Combination Therapy for Ulcerative Colitis and Those Who Do Not: Investigation by Fecal Metagenomic Analyses.**Nutrients** , Volume: 16 Issue: 20 2024 Oct 16

Authors Ohkusa T,Kato K,Sekizuka T,Sugiyama T,Sato N,Kuroda M

Effects of Different Levels of Green Tea Powder on Performance, Antioxidant Activity, Egg Mass, Quality, and Cecal Microflora of Chickens.**Animals : an open access journal from MDPI** , Volume: 14 Issue: 20 2024 Oct 18

Authors Luo W,Tan Q,Li H,Ye T,Xiao T,Tian X,Wang W

Wheat bran oil ameliorates high-fat diet-induced obesity in rats with alterations in gut microbiota and liver metabolite profile.**Nutrition & metabolism** , Volume: 21 Issue: 1 2024 Oct 25

Authors Yan H,Kuerbanjiang M,Muheyati D,Yang Z,Han J

Oregano essential oil and Bacillus subtilis role in enhancing broiler's growth, stress indicators, intestinal integrity, and gene expression under high stocking density.**Scientific reports** , Volume: 14 Issue: 1 2024 Oct 25

Authors Elbaz AM,El-Sonousy NK,Arafa AS,Sallam MG,Ateya A,Abdelhady AY

Antimicrobial Activity of Honey and Propolis from Alba County, Romania.**Antibiotics (Basel, Switzerland)** , Volume: 13 Issue: 10 2024 Oct 10

Authors Vica ML,Glevitzky M,Dumitrel GA,Popa M,Glevitzky I,Teodoru CA

Characterization of thyme essential oil microcapsules and potato starch/pectin composite films and their impact on the quality of chilled mutton.**Food chemistry** , Volume: 464 Issue: Pt 2 2025 Feb 1

Authors Wang J,Li L,Li Y,Song Q,Hu Y,Wang Q,Lu S

Impact of Long-term Fasting on Breath Volatile Sulphur Compounds, Inflammatory Markers and Saliva Microbiota Composition.

Oral health & preventive dentistry , Volume: 22 2024 Oct 24

Authors Loumé A,Grundler F,Wilhelmi de Toledo F,Giannopoulou C,Mesnage R

Asymptomatic enteric pathogen carriage and its association with proton pump inhibitors use in men who have sex with men in Taiwan, 2019-2022

International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases , Volume: 149 2024 Oct 22

Authors Tsai CS,Lee NY,Chen PL,Chen SY,Lin YJ,Tsai PF,Tsai HP,Wang JL,Ko WC

The effect of antibiotics on the intestinal microbiota in children - a systematic review.

Frontiers in allergy , Volume: 5 2024

Authors Wurm J,Curtis N,Zimmermann P

Lactacaseibacillus paracasei NCU-04 relieves constipation and the depressive-like behaviors induced by loperamide in mice through the microbiome-gut-brain axis.

Current research in food science , Volume: 9 2024

Authors Li S,Li Y,Cai Y,Yan Z,Wei J,Zhang H,Yue F,Chen T

Supplementation of curcumin promotes the intestinal structure, immune barrier function and cecal microbiota composition of laying hens in early laying period.

Poultry science , Volume: 103 Issue: 12 2024 Sep 24

Authors Xu Z,Zhu W,Xu D,Amevor FK,Wu Y,Ma D,Cao X,Wei S,Shu G,Zhao X

The efficacy of azithromycin combined with seven types of Chinese medicine injections in the treatment of Mycoplasma pneumoniae pneumonia in children: a systematic review and Bayesian network meta-analysis.

Frontiers in pharmacology , Volume: 15 2024

Authors Huang X,Tao S,Liu C,Sun X,Hao Y,Ma Y,Liu Y,Liu J

Effect of Endurance Exercise Training on Gut Microbiota and ER Stress.

International journal of molecular sciences , Volume: 25 Issue: 19 2024 Oct 5

Authors Yoon EJ,Lee SR,Ortutu BF,Kim JO,Jaiswal V,Baek S,Yoon SI,Lee SK,Yoon JH,Lee HJ,Cho JA

Oral delivery of electrohydrodynamically encapsulated Lactiplantibacillus plantarum CRD7 modulates gut health, antioxidant activity, and cytokines-related inflammation and immunity in mice.

Food & function , 2024 Oct 11

Authors Varada VV,Kumar S,Balaga S,Thanippilly AJ,Pushpadass HA,M RH,Jangir BL,Tyagi N,Samanta AK

Salivary microbiota composition before and after use of proton pump inhibitors in patients with laryngopharyngeal reflux: a self-control study.

BMC oral health , Volume: 24 Issue: 1 2024 Oct 8

Authors Cui X,Yin L,Zhang Y,Jiang X,Li L,Bi X

Synbiotic supplementation may globally improve non-motor symptoms in patients with stable Parkinson's disease: results from an open label single-arm study.

Scientific reports , Volume: 14 Issue: 1 2024 Oct 4

Authors Andreozzi V,Cuoco S,Balestrieri M,Fierro F,Ferrara N,Erro R,Di Filippo M,Barbella G,Memoli MC,Silvestri A,Squillante M,Guglielmetti S,Barone P,Iovino P,Pellecchia MT

Effects of iron supplements and iron-containing micronutrient powders on the gut microbiome in Bangladeshi infants: a randomized controlled trial.

Nature communications , Volume: 15 Issue: 1 2024 Oct 5

Authors Baldi A,Braat S,Hasan MI,Bennett C,Barrrios M,Jones N,Abdul Azeez I,Wilcox S,Roy PK,Bhuiyan MSA,Ataide R,Clucas D,Larson LM,Hamadani J,Zimmermann M,Bowden R,Jex A,Biggs BA,Pasricha SR

Garlic Bioconverted by Bacillus subtilis Stimulates the Intestinal Immune System and Modulates Gut Microbiota Composition.

Molecular nutrition & food research , Volume: 68 Issue: 20 2024 Oct

Authors Tonog G,Yu H,Moon SK,Lee S,Jeong H,Kim HS,Kim KB,Suh HJ,Kim H

Gastrointestinal microbiota and metabolites responses to dietary cereal grains in an adult pig model.

Frontiers in microbiology , Volume: 15 2024

Authors Feng G,Deng M,Li R,Hou G,Ouyang Q,Jiang X,Liu X,Tang H,Chen F,Pu S,Wan D,Yin Y

Combination of Lactiplantibacillus Plantarum ELF051 and Astragalus Polysaccharides Improves Intestinal Barrier Function and Gut Microbiota Profiles in Mice with Antibiotic-Associated Diarrhea.

Probiotics and antimicrobial proteins , 2024 Oct 1

Authors Zhong B,Liang W,Zhao Y,Li F,Zhao Z,Gao Y,Yang G,Li S

Rosmarinus officinalis and Zataria multiflora extracts enhanced antibacterial activity of ciprofloxacin against methicillin-resistant Staphylococcus aureus.

Natural product research , 2024 Oct 1

Authors Samadi Z,Mousavi Ghahfarrokhi SS,Jafari H,Nikrou S,Vazirian M,Samadi N

Berberine alleviates ETEC-induced intestinal inflammation and oxidative stress damage by optimizing intestinal microbial composition in a weaned piglet model.

Frontiers in immunology , Volume: 15 2024

Authors Wang Y,Zhang Z,Du M, Ji X,Liu X,Zhao C,Pang X,Jin E,Wen A,Li S,Zhang F

Effect of Purified Resveratrol Butyrate Ester Monomers against Hypertension after Maternal High-Fructose Intake in Adult Offspring.

Nutrients , Volume: 16 Issue: 18 2024 Sep 17

Authors Tain YL,Hou CY,Tzeng HT,Lin SF,Chang-Chien GP, Lee WC,Wu KLH,Yu HR,Chan JYH,Hsu CN

Candidate-Probiotic Lactobacilli and Their Postbiotics as Health-Benefit Promoters.

Microorganisms , Volume: 12 Issue: 9 2024 Sep 19

Authors Dobрева L,Atanasova N,Donchev P,Krumova E,Abrashev R,Karakirova Y,Mladenova R,Tolchkov V,Ralchev N,Dishliyska V,Danova S

Impacts of Whole-Grain Soft Red, Whole-Grain Soft White, and Refined Soft White Wheat Flour Crackers on Gastrointestinal Inflammation and the Gut Microbiota of Adult Humans.

Biology , Volume: 13 Issue: 9 2024 Aug 30

Authors Kinney GA,Haddad EN,Gopalakrishnan N,Sugino KY,Garrow LS,Ng PKW,Comstock SS

Antimicrobial effect of combined preservatives using chestnut inner shell, cinnamon, and e-poly-lysine against food-poisoning bacteria Staphylococcus aureus.

Food science and biotechnology , Volume: 33 Issue: 14 2024 Nov

Authors Lee NK,Park YJ,Kang CE,Kim JH,Shin D,Lee DH,Paik HD

Aged garlic oligosaccharides modulate host metabolism and gut microbiota to alleviate high-fat and high-cholesterol diet-induced atherosclerosis in ApoE(-/-) mice.

Food chemistry , Volume: 463 Issue: Pt 3 2025 Jan 15

Authors Wang X,Cui J,Gu Z,Guo L,Liu R,Guo Y,Qin N,Yang Y

Lactobacillus plantarum alleviates high-fat diet-induced obesity by altering the structure of mice intestinal microbial communities and serum metabolic profiles.

Frontiers in microbiology , Volume: 15 2024

Authors Zhu J,Liu X,Liu N,Zhao R,Wang S

In vitro and ex vivo metabolism of chemically diverse fructans by bovine rumen Bifidobacterium and Lactobacillus species.

Animal microbiome , Volume: 6 Issue: 1 2024 Sep 9

Authors King ML,Xing X,Reintjes G,Klassen L,Low KE,Alexander TW,Waldner M,Patel TR,Wade Abbott D

Quercetin Alleviates the Progression of Chronic Rhinosinusitis Without Nasal Polyps by Inhibiting Nasal Mucosal Inflammation and Epithelial Apoptosis.

Molecular biotechnology , 2024 Sep 6

Authors Meng L,Qu X,Tao P,Dong J,Guo R

Effects of Physical Exercise on the Microbiota in Irritable Bowel Syndrome.

Nutrients , Volume: 16 Issue: 16 2024 Aug 11

Authors Li C,Li J,Zhou Q,Wang C,Hu J,Liu C

Effect of Saccharomyces boulardii on Liver Diseases: A Systematic Review.

Microorganisms , Volume: 12 Issue: 8 2024 Aug 15

Authors Maslennikov R,Benuni N,Levshina A,Adzhieva F,Demina T,Kucher A,Pervushova E,Yuryeva E,Poluektova E,Zolnikova O,Kozlov E,Sigidaev A,Ivashkin V

Effects of Mint Oils on the Human Oral Microbiome: A Pilot Study.

Microorganisms , Volume: 12 Issue: 8 2024 Jul 27

Authors Abdelrahman SM,El Samak M,El-Baz LMF,Hanora AMS,Satyral P,Dosoky NS

In Vitro and In Silico Studies of the Antimicrobial Activity of Prenylated Phenylpropanoids of Green Propolis and Their Derivatives against Oral Bacteria.

Antibiotics (Basel, Switzerland) , Volume: 13 Issue: 8 2024 Aug 22

Authors Vieira TM,Barco JG,de Souza SL,Santos ALO,Daoud I,Rahali S,Amdouni N,Bastos JK,Martins CHG,Ben Said R,Crotti AEM

Lactocaseibacillus casei- and Bifidobacterium breve-fermented red pitaya promotes beneficial microbial proliferation in the colon.

Food & function , Volume: 15 Issue: 18 2024 Sep 16

Authors Cao L,Wan M,Xian Z,Zhou Y,Dong L,Huang F,Su D

Gut microbiome related to metabolic diseases after moderate-to-vigorous intensity exercise.

Journal of exercise science and fitness , Volume: 22 Issue: 4 2024 Oct

Authors Yun S,Seo Y, Lee Y, Lee DT

Examination of sex-specific interactions between gut microbiota and host metabolism after 12-week combined polyphenol supplementation in individuals with overweight or obesity.

Gut microbes , Volume: 16 Issue: 1 2024 Jan-Dec

Authors Jardon KM,Goossens GH,Most J,Galazzo G,Venema K,Penders J,Blaak EE

Role and mechanism of Lactobacillus casei in the modulation of alcohol preference in mice.

International immunopharmacology , Volume: 141 2024 Nov 15

Authors Li Y,Yang J,Guo L

Long-term intermittent caloric restriction remodels the gut microbiota in mice genetically prone to breast cancer.

Nutrition (Burbank, Los Angeles County, Calif.) , Volume: 126 2024 Jun 25

Authors Keles NA,Dogan S,Dogan A,Sudagidan M,Balci TN,Cetiner O,Kavruk M,Ozalp VC,Tuna BG

Yeast mixture supplementation modulates faecal microbiota and ileum morphology of weaning pigs.

Animal : an international journal of animal bioscience , Volume: 18 Issue: 9 2024 Sep

Authors Sandrini S,Perricone V,Cremonesi P,Castiglioni B,Biscarini F,Verdile N,Brevini T,Comi M,Jiang X,Agazzi A

Integration of microbiome, metabolomics and transcriptome for in-depth understanding of berberine attenuates AOM/DSS-induced colitis-associated colorectal cancer.

Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 179 2024 Oct

Authors Wang M,Ma Y,Yu G,Zeng B,Yang W,Huang C,Dong Y,Tang B,Wu Z

Oral aged garlic (Allium sativum) alleviates ulcerative colitis in mice by improving gut homeostasis.

Food & function , Volume: 15 Issue: 17 2024 Aug 27

Authors Han D,Guan X,Zhu F,Yang Q,Su D

Propolis as a functional food and promising agent for oral health and microbiota balance: A review study.

Food science & nutrition , Volume: 12 Issue: 8 2024 Aug

Authors Etebarian A,Alhouei B,Mohammadi-Nasrabadi F,Esfarjani F

Quercetin Increases Growth Performance and Decreases Incidence of Diarrhea and Mechanism of Action in Weaned Piglets.

Oxidative medicine and cellular longevity , Volume: 2024 2024

Authors Mao Y,Yang Q,Liu J,Fu Y,Zhou S,Liu J,Ying L,Li Y

Effects of varying wheat levels on growth performance, intestinal barrier, and cecal microbiota of broilers.

Frontiers in veterinary science , Volume: 11 2024

Authors Wang L,Wei B,Si X,Huang Y,Zhang H,Chen W

Dietary bile acids supplementation decreases hepatic fat deposition with the involvement of altered gut microbiota and liver bile acids profile in broiler chickens.

Journal of animal science and biotechnology , Volume: 15 Issue: 1 2024 Aug 13

Authors Wang M,Li K,Jiao H,Zhao J,Li H,Zhou Y,Cao A,Wang J,Wang X,Lin H

Preventive effect of Lactocaseibacillus paracasei LMT18-32 on Porphyromonas gingivalis induced periodontitis.

Food science and biotechnology , Volume: 33 Issue: 9 2024 Jul

Authors Choi WJ,Cho SK,Dong HJ,Kim TH,Soon J,Lee HJ,Yoon KH,Kwak S,Yun J

Characterization and antioxidant activity of nano-formulated berberine and cyperus rotundus extracts with anti-inflammatory effects in mastitis-induced rats.

Scientific reports , Volume: 14 Issue: 1 2024 Aug 9

Authors Hashem AE,Elmasry IH,Lebda MA,El-Karim DRSG,Hagar M,Ebied SKM,Alotaibi BS,Rizk NI,Ghamry HI,Shukry M,Edres HA

The alleviative effects of viable and inactive Lactobacillus paracasei CCFM1120 against alcoholic liver disease via modulation of gut microbiota and the Nrf2/HO-1 and TLR4/MyD88/NF- κ B pathways.

Food & function , Volume: 15 Issue: 17 2024 Aug 27

Authors Niu B,Feng Y,Cheng X,Xiao Y,Zhao J,Lu W,Tian F,Chen W

Berberine attenuates 5-fluorouracil-induced intestinal mucosal injury by modulating the gut microbiota without compromising its anti-tumor efficacy.

Heliyon , Volume: 10 Issue: 14 2024 Jul 30

Authors Wu C,Yang J,Ye C,Wu H,Shu W,Li R,Wang S,Lu Y,Chen H,Zhang Z,Yao Q

Exploring bioactive compounds in chickpea and bean aquafaba: Insights from glycomics and peptidomics analyses.

Food chemistry , Volume: 460 Issue: Pt 2 2024 Dec 1

Authors Huang YP,Masarweh C,Paviani B,Mills DA,Barile D

Formulation of Garlic Essential Oil-assisted Silver Nanoparticles and Mechanistic Evaluation of their Antimicrobial Activity against a Spectrum of Pathogenic Microorganisms.

Current topics in medicinal chemistry , Volume: 24 Issue: 22 2024

Authors Sarangi A,Das BS,Panigrahi LL,Arakha M,Bhattacharya D

Postbiotics from Saccharomyces cerevisiae fermentation stabilize microbiota in rumen liquid digesta during grain-based subacute ruminal acidosis (SARA) in lactating dairy cows.

Journal of animal science and biotechnology , Volume: 15 Issue: 1 2024 Aug 1

Authors Guo J,Zhang Z,Guan LL,Yoon I,Plaizier JC,Khafipour E

[Exploring the anti-inflammatory effects of postbiotic proteins from *Lactobacillus delbrueckii* CIDCA 133 on inflammatory bowel disease model.](#)**International journal of biological macromolecules** , Volume: 277 Issue: Pt 2 2024 Jul 26

Authors Freitas ADS,Barroso FAL,Campos GMI,Américo MF,Viegas RCDS,Gomes GC,Vital KD,Fernandes SOA,Carvalho RDO,Jardin J,Miranda APGDS,Ferreira E,Martins FS,Laguna JG,Jan G,Azevedo V,de Jesus LCL

[Hepatoprotective potential of four fruit extracts rich in different structural flavonoids against alcohol-induced liver injury via gut microbiota-liver axis.](#)**Food chemistry** , Volume: 460 Issue: Pt 2 2024 Dec 1

Authors Chen Y,Ma H,Liang J,Sun C,Wang D,Chen K,Zhao J, Ji S, Ma C,Ye X,Cao J,Wang Y,Sun C

[Lactocaseibacillus casei IB1 Alleviates DSS-Induced Inflammatory Bowel Disease by Regulating the Microbiota and Restoring the Intestinal Epithelial Barrier.](#)**Microorganisms** , Volume: 12 Issue: 7 2024 Jul 6

Authors Lao J,Yan S,Yong Y,Li Y,Wen Z,Zhang X,Ju X,Li Y

[The Contrasting Effects of Two Distinct Exercise Training Modalities on Exhaustive Exercise-Induced Muscle Damage in Mice May Be Associated with Alterations in the Gut Microbiota.](#)**International journal of molecular sciences** , Volume: 25 Issue: 14 2024 Jul 17

Authors Zhang Y,Wang C,Lang H,Yu H,Zhou M,Rao X,Zhang Q,Yi L,Zhu J,Mi M

[In Vitro Antimicrobial Potential of Portuguese Propolis Extracts from Gerês against Pathogenic Microorganisms.](#)**Antibiotics (Basel, Switzerland)** , Volume: 13 Issue: 7 2024 Jul 16

Authors Oliveira RD,Araújo C,Almeida-Aguiar C

[Preventive effects of a nutraceutical mixture of berberine, citrus and apple extracts on metabolic disturbances in Zucker fatty rats.](#)**PloS one** , Volume: 19 Issue: 7 2024

Authors Siliman Misha M,Destrumelle S,Le Jan D,Mansour NM,Fizanne L,Ouguerram K,Desfontis JC,Mallem MY

[High-salt diet induces microbiome dysregulation, neuroinflammation and anxiety in the chronic period after mild repetitive closed head injury in adolescent mice.](#)**Brain communications** , Volume: 6 Issue: 4 2024

Authors Izzy S,Yahya T,Albastaki O,Cao T,Schwerdtfeger LA,Abou-El-Hassan H,Chopra K,Ekwudo MN,Kurdeikaite U,Verissimo IM,LeServe DS,Lanser TB,Aronchik M,Oliveira MG,Moreira T,Rezende RM,El Khoury J,Cox LM,Weiner HL,Zafonte R,Whalen MJ

[Tyrosine phenol-lyase inhibitor quercetin reduces fecal phenol levels in mice.](#)**PNAS nexus** , Volume: 3 Issue: 7 2024 Jul

Authors Kobayashi T,Oishi S,Matsui M,Hara K,Hashimoto H,Watanabe K,Yoshioka Y,Miyoshi N

[Effects of combined treatment with hydrogen-rich electrolyzed water and tea polyphenols on oxidative stress, intestinal injury and intestinal flora disruption in heat-stressed mice.](#)**Journal of thermal biology** , Volume: 123 2024 Jul

Authors Zang Y,Zhang B,Zhang G,Hu J,Shu D,Han J,Hu M,Tu M,Qiao W,Liu R,Zang Y

[A 90-day subchronic exposure to heated tobacco product aerosol caused differences in intestinal inflammation and microbiome dysregulation in rats.](#)**Nicotine & tobacco research : official journal of the Society for Research on Nicotine and Tobacco** , 2024 Jul 19

Authors Tian Y,Cheng J,Yang Y,Wang H,Fu Y,Li X,Wang W, Ma S,Xu X,Lu F,Feng P,Han S,Chen H,Hou H,Hu Q,Wu C

[Effects of *Lactiplantibacillus plantarum* CCFM1214 and *Ligilactobacillus salivarius* CCFM1215 on halitosis: a double-blind, randomized controlled trial.](#)**Food & function** , 2024 Jul 19

Authors Ding L,Wang Y,Jiang Z,Tang X,Mao B,Zhao J,Chen W,Zhang Q,Cui S

[Consumption of dietary turmeric promotes fat browning and thermogenesis in association with gut microbiota regulation in high-fat diet-fed mice.](#)**Food & function** , Volume: 15 Issue: 15 2024 Jul 29

Authors Yang C,Du Y,Zhao T,Zhao L,Liu L,Liu L,Yang X

[The interplay between diet and the gut microbiome: implications for health and disease.](#)**Nature reviews. Microbiology** , 2024 Jul 15

Authors Ross FC,Patangia D,Grimaud G,Lavelle A,Dempsey EM,Ross RP,Stanton C

[The Efficacy of Antimicrobial Peptides Against Gentamicin-Resistant *Klebsiella pneumoniae* \[Letter\].](#)**Infection and drug resistance** , Volume: 17 2024

Authors Mardiana M

[Intermittent fasting, calorie restriction, and a ketogenic diet improve mitochondrial function by reducing lipopolysaccharide signaling in monocytes during obesity: A randomized clinical trial.](#)

Clinical nutrition (Edinburgh, Scotland) , Volume: 43 Issue: 8 2024 Aug

Authors Guevara-Cruz M,Hernández-Gómez KG,Condado-Huerta C,González-Salazar LE,Peña-Flores AK,Pichardo-Ontiveros E,Serralde-Zúñiga AE,Sánchez-Tapia M,Maya O,Medina-Vera I,Noriega LG,López-Barradas A,Rodríguez-Lima O,Mata I,Olin-Sandoval V,Torres N,Tovar AR,Velázquez-Villegas LA

[Apple polysaccharide improves age-matched cognitive impairment and intestinal aging through microbiota-gut-brain axis.](#)

Scientific reports , Volume: 14 Issue: 1 2024 Jul 13

Authors Zhang W,Zhong Y,Wang Z,Tang F,Zheng C

[The Effect of the Lactocaseibacillus paracasei BEPC22 and Lactiplantibacillus plantarum BLP53 Combination \(BN-202M\) on Body Fat Percentage Loss in Overweight Individuals: A Randomized, Double-Blind, Placebo-Controlled Study.](#)

Nutrients , Volume: 16 Issue: 13 2024 Jun 23

Authors Kwon HS,Kim SJ,Shin KJ,Kim S,Yun J,Bae J,Tak HJ,Lee NR,Kim HJ

[Investigating the physicochemical, antimicrobial and antioxidant properties of chitosan film containing zero-valent iron nanoparticles and oregano essence.](#)

Biopolymers , Volume: 115 Issue: 6 2024 Nov

Authors Khodaparast FK,Pirsa S,Toupchi FM,Moharami F

[Microencapsulated Lactobacillus plantarum promotes intestinal development through gut colonization of layer chicks.](#)

Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 18 2024 Sep

Authors Cui Y,Liu Y,Yang J,Duan H,Wang P,Guo L,Guo Y,Li S,Zhao Y,Wang J,Qi G,Guan J

[The role of bound polyphenols in the anti-obesity effects of defatted rice bran insoluble dietary fiber: An insight from multi-omics.](#)

Food chemistry , Volume: 459 2024 Nov 30

Authors Zheng B,Zhao X,Ao T,Chen Y,Xie J,Gao X,Liu L,Hu X,Yu Q

[Bifidobacterium bifidum alleviates adenine-induced acute kidney injury in mice by improving intestinal barrier function.](#)

Food & function , Volume: 15 Issue: 15 2024 Jul 29

Authors Meng Y,Zhao M,Ma Q,Hua Q,Hu J,Zhou Q,Yi H,Zhang Z,Zhang L

[Microbiome and metabolome analyses reveal significant alterations of gut microbiota and bile acid metabolism in ETEC-challenged weaned piglets by dietary berberine supplementation.](#)

Frontiers in microbiology , Volume: 15 2024

Authors Nie X,Lu Q,Yin Y,He Z,Bai Y,Zhu C

[Curcumin-based residue-free and reusable photodynamic inactivation system for liquid foods and its application in freshly squeezed orange juice.](#)

Food chemistry , Volume: 458 2024 Nov 15

Authors Liu Y,Li Y,Shao C,Wang P,Wang X,Li R

[Resveratrol Alleviates Liver Fibrosis Induced by Long-Term Inorganic Mercury Exposure through Activating the Sirt1/PGC-1α Signaling Pathway.](#)

Journal of agricultural and food chemistry , Volume: 72 Issue: 28 2024 Jul 17

Authors Li S,Han B,Li J,Lv Z,Jiang H,Liu Y,Yang X,Lu J,Zhang Z

[Effect of Lactocaseibacillus casei LC2W Supplementation on Glucose Metabolism and Gut Microbiota in Subjects at High Risk of Metabolic Syndrome: A Randomized, Double-blinded, Placebo-controlled Clinical Trial.](#)

Probiotics and antimicrobial proteins , 2024 Jul 2

Authors Wang D,Wang X,Han J,You C,Liu Z,Wu Z

[Metagenomic and metabolomic analysis showing the adverse risk-benefit trade-off of the ketogenic diet.](#)

Lipids in health and disease , Volume: 23 Issue: 1 2024 Jun 29

Authors Qiu H,Kan C,Han F,Luo Y,Qu N,Zhang K,Ma Y,Hou N,Wu D,Sun X,Shi J

[Prebiotic Potential of Goji Berry \(Lycium barbarum\) in Improving Intestinal Integrity and Inflammatory Profiles via Modification of the Gut Microbiota in High-Fat Diet-Fed Rats.](#)

Journal of medicinal food , Volume: 27 Issue: 8 2024 Aug

Authors Jeong E,Eun S,Chae S,Lee S

[Impact of high-salt diet in health and diseases and its role in pursuit of cancer immunotherapy by modulating gut microbiome.](#)

Journal of family medicine and primary care , Volume: 13 Issue: 5 2024 May

Authors Balan Y,Sundaramurthy R,Gaur A,Varatharajan S,Raj GM

[Honey microbiota, methods for determining the microbiological composition and the antimicrobial effect of honey - A review.](#)

Food chemistry: X , Volume: 23 2024 Oct 30

Authors Luca L,Pauliuc D,Oroian M

[Uncovering the mechanism of Clostridium butyricum CBX 2021 to improve pig health based on in vivo and in vitro studies.](#)

Frontiers in microbiology , Volume: 15 2024

Authors Liu X,Qiu X,Yang Y,Wang J,Wang Q,Liu J,Huang J,Yang F,Liu Z,Qi R

Inclusion of *Lactaseibacillus paracasei* NSMJ15 in broiler diets induces changes in jejunal immune cell population and cecal microbiota.

Animal bioscience , Volume: 37 Issue: 12 2024 Dec

Authors Yoon JH,Joo SS,An SH,Ban BC,Jung M, Ji W,Jung JY,Kim M,Kong C

Quercetin Alleviates Insulin Resistance and Repairs Intestinal Barrier in db/db Mice by Modulating Gut Microbiota.

Nutrients , Volume: 16 Issue: 12 2024 Jun 14

Authors Yuan M,Sun T,Zhang Y,Guo C,Wang F,Yao Z,Yu L

Lactobacillus delbrueckii Ameliorated Blood Lipids via Intestinal Microbiota Modulation and Fecal Bile Acid Excretion in a Ningxiang Pig Model.

Animals : an open access journal from MDPI , Volume: 14 Issue: 12 2024 Jun 17

Authors Hou G,Wei L,Li R,Chen F,Yin J,Huang X,Yin Y

Ameliorating effects of *Orostachys japonica* against high-fat diet-induced obesity and gut dysbiosis.

Journal of ethnopharmacology , Volume: 333 2024 Jun 21

Authors Chae YR,Lee HB,Lee YR,Yoo G,Lee E,Park M,Choi SY,Park HY

Metabolic and microbial mechanisms related to the effects of dietary wheat levels on intramuscular fat content in finishing pigs.

Meat science , Volume: 216 2024 Oct

Authors Wang J,Zhu H,Li H,Xia S,Zhang F,Liu C,Zheng W,Yao W

3D printed scaffolds with quercetin and vitamin D3 nanocarriers: In vitro cellular evaluation.

Journal of biomedical materials research. Part A , 2024 Jun 18

Authors Bose S,Chaudhari VS,Kushram P

Fasting-Induced Molting Impacts the Intestinal Health by Altering the Gut Microbiota.

Animals : an open access journal from MDPI , Volume: 14 Issue: 11 2024 May 31

Authors Zhang H,Zhang Y,Gong Y,Zhang J,Li D,Tian Y,Han R,Guo Y,Sun G,Li W,Zhang Y,Zhao X,Zhang X,Wang P,Kang X,Jiang R

Lactobacillus plantarum-Derived Extracellular Vesicles Modulate Macrophage Polarization and Gut Homeostasis for Alleviating Ulcerative Colitis.

Journal of agricultural and food chemistry , Volume: 72 Issue: 26 2024 Jul 3

Authors Chen Q,Fang Z,Yang Z,Xv X,Yang M,Hou H,Li Z,Chen Y,Gong A

Effect of gallium nitrate on the antibacterial activity of vancomycin in methicillin-sensitive and resistant *Staphylococcus aureus*.

Archives of microbiology , Volume: 206 Issue: 7 2024 Jun 15

Authors Mohammad Hanifeh N,Keyvani-Ghamsari S,Khorsandi K,Mahmoodi Khaledi E

Lactaseibacillus paracasei LC86 mitigates age-related muscle wasting and cognitive impairment in SAMP8 mice through gut microbiota modulation and the regulation of serum inflammatory factors.

Frontiers in nutrition , Volume: 11 2024

Authors Cai Y,Dong Y,Han M,Jin M,Liu H,Gai Z,Zou K

Bacillus coagulans and *Clostridium butyricum* synergistically alleviate depression in a chronic unpredictable mild stress mouse model through altering gut microbiota and prefrontal cortex gene expression.

Frontiers in pharmacology , Volume: 15 2024

Authors Xu J,Zhou L,Chen Z,Wang Y,Xu F,Kuang Q,Zhang Y,Zheng H

Bifidobacterium bifidum Ameliorates DSS-Induced Colitis in Mice by Regulating Microbial Metabolome and Targeting Gut Microbiota.

Journal of agricultural and food chemistry , 2024 Jun 5

Authors Han M,Liang J,Hou M,Liu Y,Li H,Gao Z

Intervention with fructooligosaccharides, *Saccharomyces boulardii*, and their combination in a colitis mouse model.

Frontiers in microbiology , Volume: 15 2024

Authors Wu Y,Fu H,Xu X,Jin H,Kao Q,Teng WL,Wang B,Zhao G,Pi XE

Unveiling the influence of a probiotic combination of *Heyndrickxia coagulans* and *Lactaseibacillus casei* on healthy human gut microbiota using the TripleSHIME® system.

Microbiological research , Volume: 285 2024 Aug

Authors Goya-Jorge E,Gonza I,Bondue P,Druart G,Al-Chihab M,Boutaleb S,Douny C,Taminiau B,Daube G,Scippo ML,Thonart P,Delcenserie V

Microbiota characterization throughout the digestive tract of horses fed a high-fiber vs. a high-starch diet.

Frontiers in veterinary science , Volume: 11 2024

Authors Raspa F,Chessa S,Bergero D,Sacchi P,Ferrocino I,Cocolin L,Corvaglia MR,Moretti R,Cavallini D,Valle E

Potential antivirulence activity of sub-inhibitory concentrations of ciprofloxacin against *Proteus mirabilis* isolates: an in-vitro and in-vivo study.

Annals of clinical microbiology and antimicrobials , Volume: 23 Issue: 1 2024 May 27

Authors Elhosseini MA,El-Banna TE,Sonbol FI,El-Bouseary MM

Rosemary leaf powder improves egg quality, antioxidant status, gut barrier function, and cecal microbiota and metabolites of late-phase laying hens.

Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 17 2024 Jun

Authors Zhang L,Ge J,Gao F,Yang M,Li H,Xia F,Bai H,Piao X,Sun Z,Shi L

Safety and effects of acetylated and butyrylated high amylose maize starch in recently diagnosed youths with type 1 diabetes; a Pilot Study.

medRxiv : the preprint server for health sciences , 2024 Jun 3

Authors Ismail HM,Liu J,Netherland M Jr,Evans-Molina C,DiMeglio LA

Profile of stingless bee honey and microbiota produced in West Sumatra, Indonesia, by several species (Apidae, Meliponinae).

Veterinary world , Volume: 17 Issue: 4 2024 Apr

Authors Melia S,Juliyarsi I,Kurnia YF,Aritonang SN,Rusdimansyah R,Sukma A,Setiawan RD,Pratama YE,Supandil D

The impact of high-salt diet on asthma in humans and mice: Effect on specific T-cell signatures and microbiome.

Allergy , Volume: 79 Issue: 7 2024 Jul

Authors Musiol S,Harris CP,Gschwendtner S,Burrell A,Amar Y,Schnautz B,Renisch D,Braun SC,Haak S,Schlöter M,Schmidt-Weber CB,Zielinski CE,Alessandrini F

Smoking induced salivary microbiome dysbiosis and is correlated with lipid biomarkers.

BMC oral health , Volume: 24 Issue: 1 2024 May 25

Authors Mohammed LI,Razali R,Zakaria ZZ,Benslimane FM,Cyprian F,Al-Asmakh M

Curcumin supplementation alleviates hepatic fat content associated with modulation of gut microbiota-dependent bile acid metabolism in patients with nonalcoholic simple fatty liver disease: a randomized controlled trial.

The American journal of clinical nutrition , Volume: 120 Issue: 1 2024 Jul

Authors He Y,Chen X,Li Y,Liang Y,Hong T,Yang J,Cao Z,Mai H,Yao J,Zhang T,Wu K,Zou J,Feng D

Exercise Affects Mucosa-Associated Microbiota and Colonic Tumor Formation Induced by Azoxymethane in High-Fat-Diet-Induced Obese Mice.

Microorganisms , Volume: 12 Issue: 5 2024 May 9

Authors Yo S,Matsumoto H,Gu T,Sasahira M,Oosawa M,Handa O,Umegaki E,Shiotani A

Chemical Composition of Turmeric (Curcuma longa L.) Ethanol Extract and Its Antimicrobial Activities and Free Radical Scavenging Capacities.

Foods (Basel, Switzerland) , Volume: 13 Issue: 10 2024 May 16

Authors Wu H,Liu Z,Zhang Y,Gao B,Li Y,He X,Sun J,Choe U,Chen P,Blaustein RA,Yu L

Ginger Polyphenols Reverse Molecular Signature of Amygdala Neuroimmune Signaling and Modulate Microbiome in Male Rats with Neuropathic Pain: Evidence for Microbiota-Gut-Brain Axis.

Antioxidants (Basel, Switzerland) , Volume: 13 Issue: 5 2024 Apr 23

Authors Shen CL,Santos JM,Elmassry MM,Bhakta V,Driver Z, Ji G,Yakhnitsa V,Kiritoshi T,Lovett J,Harnood AN,Sang S,Neugebauer V

Probiotics combined with atorvastatin administration in the treatment of hyperlipidemia: A randomized, double-blind, placebo-controlled clinical trial.

Medicine , Volume: 103 Issue: 21 2024 May 24

Authors Tian Y,Wu G,Zhao X,Zhang H,Ren M,Song X,Chang H,Jing Z

Transcriptomic and proteomic analysis of the virulence inducing effect of ciprofloxacin on enterohemorrhagic Escherichia coli.

PloS one , Volume: 19 Issue: 5 2024

Authors Kijewski ACR,Witsø IL,Sundaram AYM,Brynildsrud OB,Pettersen K,Anonsen EB,Anonsen JH,Aspholm ME

Enhanced Efficacy of Ciprofloxacin and Tobramycin against Staphylococcus aureus When Combined with Corydalis Tuber and Berberine through Efflux Pump Inhibition.

Antibiotics (Basel, Switzerland) , Volume: 13 Issue: 5 2024 May 20

Authors Seo Y,Kim M,Kim TJ

Nanoemulsion of cinnamon oil to combat colistin-resistant Klebsiella pneumoniae and cancer cells.

Microbial pathogenesis , Volume: 192 2024 Jul

Authors El-Sherbiny GM,Kalaba MH,Foda AM,M E S,Youssef ASE,A Elsehemy I,Farghal EE,El-Fakharany EM

Effects of fructooligosaccharides and Saccharomyces boulardii on the compositional structure and metabolism of gut microbiota in students.

Microbiological research , Volume: 285 2024 Aug

Authors Fu H,Chen Z,Teng W,Du Z,Zhang Y,Ye X,Yu Z,Zhang Y,Pi X

Short-term supplementation with uncoated and encapsulated Enterococcus faecium affected growth performance, gut microbiome and intestinal barrier integrity in broiler chickens.

Poultry science , Volume: 103 Issue: 7 2024 Jul

Authors Zhang Y,Liu Y,Jiao S,Wang Y,Sa R,Zhao F,Xie J

Mechanisms of epigallocatechin gallate (EGCG) in ameliorating hyperuricemia: insights into gut microbiota and intestinal function in a mouse model.

Food & function , Volume: 15 Issue: 11 2024 Jun 4

Authors Yu H,Lou Z,Wu T,Wan X,Huang H,Wu Y,Li B,Tu Y,He P,Liu J

Effects of garlic-derived fructan and oligofructose mixtures on intestinal health and constipation relief in mice.

Journal of the science of food and agriculture , Volume: 104 Issue: 12 2024 Sep

Authors Xie C,Gao W,Liang X,Chye FY

Berberine alleviates cholesterol and bile acid metabolism disorders induced by high cholesterol diet in mice.

Biochemical and biophysical research communications , Volume: 719 2024 Jul 30

Authors Wang Q,Shen W,Shao W,Hu H

Chlorogenic Acid/Linoleic Acid-Fortified Wheat-Resistant Starch Ameliorates High-Fat Diet-Induced Gut Barrier Damage by Modulating Gut Metabolism.

Journal of agricultural and food chemistry , Volume: 72 Issue: 20 2024 May 22

Authors Guo Q,Chen L,Liu Z,Zheng B

The impact of exercise on the gut microbiota in middle-aged amateur serious runners: a comparative study.

Frontiers in physiology , Volume: 15 2024

Authors Duan R,Liu Y,Zhang Y,Shi J,Xue R,Liu R,Miao Y,Zhou X,Lv Y,Shen H,Xie X,Ai X

Lactobacillus delbrueckii CIDCA 133 fermented milk modulates inflammation and gut microbiota to alleviate acute colitis.

Food research international (Ottawa, Ont.) , Volume: 186 2024 Jun

Authors de Jesus LCL,Freitas ADS,Dutra JDCF,Campos GM,Américo MF,Laguna JG,Dornelas EG,Carvalho RDO,Vital

KD,Fernandes SOA,Cardoso VN,de Oliveira JS,de Oliveira MFA,Faria AMC,Ferreira E,Souza RO,Martins FS,Barroso FAL,Azevedo V

The effect of intermittent fasting on microbiota as a therapeutic approach in obesity.

Frontiers in nutrition , Volume: 11 2024

Authors Cadena-Ullauri S,Guevara-Ramírez P,Ruiz-Pozo VA,Tamayo-Trujillo R,Paz-Cruz E,Zambrano-Villacres R,Simancas-Racines D,Zambrano AK

Antimicrobial activity of Cinnamomum zeylanicum essential oil against colistin-resistant gram-negative bacteria.

International journal of environmental health research , 2024 May 2

Authors Ben Selma W,Ferjeni S,Farouk A,Marzouk M,Boukadida J

Determination of total phenolics, flavonoids, and testing of antioxidant and antibacterial activities of red ginger (Zingiber officinale var. Rubrum).

Journal of advanced veterinary and animal research , Volume: 11 Issue: 1 2024 Mar

Authors Haroen U,Syafwan S,Kurniawan K,Budiansyah A

Antitumor Effect and Gut Microbiota Modulation by Quercetin, Luteolin, and Xanthohumol in a Rat Model for Colorectal Cancer Prevention.

Nutrients , Volume: 16 Issue: 8 2024 Apr 13

Authors Pérez-Valero Á,Magadán-Corpas P,Ye S,Serna-Diestro J,Sordon S,Huszczka E,Poplonski J,Villar CJ,Lombó F

Antivirulence Effects of Trans-Resveratrol and Curcumin on Methicillin-Resistant Staphylococcus aureus (MRSA) from Saudi Arabia.

Life (Basel, Switzerland) , Volume: 14 Issue: 4 2024 Apr 10

Authors Alqahtani M,Almukainzi M,Alghoribi MF,El-Mahdy AM

The Canine Gut Health: The Impact of a New Feed Supplement on Microbiota Composition.

Animals : an open access journal from MDPI , Volume: 14 Issue: 8 2024 Apr 15

Authors Atuahene D,Zuniga-Chaves I,Martello E,Stefanon B,Suen G,Balouei F,Meineri G

Influence of Gelatin and Propolis Extract on Honey Gummy Jelly Properties: Optimization Using D-Optimal Mixture Design.

Gels (Basel, Switzerland) , Volume: 10 Issue: 4 2024 Apr 21

Authors Kaewpetch K,Yolsuriyan S,Disayathanoowat T,Phokasem P,Jannu T,Renaldi G,Samakradhamrongthai RS

3-O-Substituted Quercetin: an Antibiotic-Potentiating Agent against Multidrug-Resistant Gram-Negative Enterobacteriaceae through Simultaneous Inhibition of Efflux Pump and Broad-Spectrum Carbapenemases.

ACS infectious diseases , Volume: 10 Issue: 5 2024 May 10

Authors Lee T,Lee S,Kim MK,Ahn JH,Park JS,Seo HW,Park KH,Chong Y

Intake of compound probiotics accelerates the construction of immune function and gut microbiome in Holstein calves.

Microbiology spectrum , Volume: 12 Issue: 6 2024 Jun 4

Authors Cai X,Yi P,Chen X,Wu J,Lan G,Li S,Luo S,Huang F,Huang J,Shen P

Antiaging Effects of Human Fecal Transplants with Different Combinations of Bifidobacterium bifidum LTBB21J1 and Lactobacillus casei LTL1361 in d-Galactose-Induced Mice.

Journal of agricultural and food chemistry , Volume: 72 Issue: 17 2024 May 1

Authors Zhou F,Zhang Q,Zheng X,Shi F,Ma K, Ji F,Meng N,Li R,Lv J,Li Q

[The impact of Lacticaeibacillus paracasei GMNL-143 toothpaste on gingivitis and oral microbiota in adults: a randomized, double-blind, crossover, placebo-controlled trial.](#)

BMC oral health , Volume: 24 Issue: 1 2024 Apr 20

Authors Lee MK,Chen IH,Hsu IL,Tsai WH,Lee TY,Jhong JH,Liu BC,Huang TY,Lin FK,Chang WW,Wu JH

[Endurance exercise associated with a fructooligosaccharide diet modulates gut microbiota and increases colon absorptive area.](#)

Journal of gastroenterology and hepatology , Volume: 39 Issue: 6 2024 Jun

Authors Moura F,Romeiro C,Petriz B,Cavichioli N,Almeida JA,Castro A,Franco OL

[Efficacy of high-intensity interval and continuous endurance trainings on cecal microbiota metabolites and inflammatory factors in diabetic rats induced by high-fat diet.](#)

PloS one , Volume: 19 Issue: 4 2024

Authors Solouki S,Gorgani-Firuzjaee S,Jafary H,Delfan M

[Longitudinal Microbiome Changes in Children Exposed to Proton Pump Inhibitors.](#)

Clinical and translational gastroenterology , Volume: 15 Issue: 9 2024 Sep 1

Authors Zhang YJ,Connearney S,Hester L,Du M,Catacora A,Akkara A,Wen A,Bry L,Alm EJ,Rosen R

[Resveratrol Improves Hyperuricemia and Ameliorates Renal Injury by Modulating the Gut Microbiota.](#)

Nutrients , Volume: 16 Issue: 7 2024 Apr 7

Authors Zhou Y,Zeng Y,Wang R,Pang J,Wang X,Pan Z,Jin Y,Chen Y,Yang Y,Ling W

[Effects of Exercise on Gut Microbiota of Adults: A Systematic Review and Meta-Analysis.](#)

Nutrients , Volume: 16 Issue: 7 2024 Apr 5

Authors Min L,Ablitip A,Wang R,Luciana T,Wei M,Ma X

[The Human Gut and Dietary Salt: The Bacteroides/Prevotella Ratio as a Potential Marker of Sodium Intake and Beyond.](#)

Nutrients , Volume: 16 Issue: 7 2024 Mar 25

Authors Fagunwa O,Davies K,Bradbury J

[Tea Polyphenol Epigallocatechin Gallate Protects Against Nonalcoholic Fatty Liver Disease and Associated Endotoxemia in Rats via Modulating Gut Microbiota Dysbiosis and Alleviating Intestinal Barrier Dysfunction and Related Inflammation.](#)

Journal of agricultural and food chemistry , 2024 Apr 12

Authors Zuo G,Chen M,Zuo Y,Liu F,Yang Y,Li J,Zhou X,Li M,Huang JA,Liu Z,Lin Y

[Lacticaeibacillusparacasei BNCC345679 revolutionizes DSS-induced colitis and modulates gut microbiota.](#)

Frontiers in microbiology , Volume: 15 2024

Authors Ahmad W,Din AU,Khan TM,Rehman MU,Hassan A,Aziz T,Alharbi M,Wu J

[Effect of aerobic exercise and particulate matter exposure duration on the diversity of gut microbiota.](#)

Animal cells and systems , Volume: 28 Issue: 1 2024

Authors Imdad S,Kim JH,So B,Jang J,Park J,Lim W,Lee YK,Shin WS,Hillyer T,Kang C

[Bacillus coagulans regulates gut microbiota and ameliorates the alcoholic-associated liver disease in mice.](#)

Frontiers in microbiology , Volume: 15 2024

Authors Liu Z,Liu T,Zhang Z,Fan Y

[Effects of Bacillus coagulans TBC169 on gut microbiota and metabolites in gynecological laparoscopy patients.](#)

Frontiers in microbiology , Volume: 15 2024

Authors Gao W,Yan Y,Guan Z,Zhang J,Chen W

[Cognitive behavioral and mindfulness with daily exercise intervention is associated with changes in intestinal microbial taxa and systemic inflammation in patients with Crohn's disease.](#)

Gut microbes , Volume: 16 Issue: 1 2024 Jan-Dec

Authors K I,Y M,A N,D S,G G,R S,D G,V S,N O S,M F,S R,S O,J M G,A M

[Probiotics induce intestinal IgA secretion in weanling mice potentially through promoting intestinal APRIL expression and modulating the gut microbiota composition.](#)

Food & function , Volume: 15 Issue: 9 2024 May 7

Authors Zhao M,Liang X,Meng Y,Lu H,Lin K,Gong P,Liu T,Yi H,Pan J,Zhang Y,Zhang Z,Zhang L

[Antifungal mechanism of Lactiplantibacillus plantarum P10 against Aspergillus niger and its in-situ biopreservative application in Chinese steamed bread.](#)

Food chemistry , Volume: 449 2024 Aug 15

Authors Ma M,Li A,Feng J,Wang Z,Jia Y,Ma X,Ning Y

[Curcumin alleviates cecal oxidative injury in diquat-induced broilers by regulating the Nrf2/ARE pathway and microflora.](#)

Poultry science , Volume: 103 Issue: 5 2024 May

Authors Wu F,Zhao M,Tang Z,Wang F,Han S,Liu S,Chen B

[Responses of intestinal morphology, immunity, antioxidant status and cecal microbiota to the mixture of glycerol](#)

monolaurate and cinnamaldehyde in laying hens.

Poultry science , Volume: 103 Issue: 6 2024 Jun

Authors Chen MY,Duan YL,Zhu Y,Wang JH,Hu QB,Guo SS,Ding BY,Zhang ZF,Li LL

Dose-Responsive Effects of Iron Supplementation on the Gut Microbiota in Middle-Aged Women.

Nutrients , Volume: 16 Issue: 6 2024 Mar 10

Authors Shearer J,Shah S,MacInnis MJ,Shen-Tu G,Mu C

Relationships between Habitual Polyphenol Consumption and Gut Microbiota in the INCLD Health Cohort.

Nutrients , Volume: 16 Issue: 6 2024 Mar 8

Authors Vita AA,Roberts KM,Gundersen A,Farris Y,Zwickey H,Bradley R,Weir TL

Postbiotics from *Lactobacillus delbrueckii* Alleviate Intestinal Inflammation by Promoting the Expansion of Intestinal Stem Cells in *S. Typhimurium*-Induced Mice.

Foods (Basel, Switzerland) , Volume: 13 Issue: 6 2024 Mar 14

Authors Wang M,Ren Y,Guo X,Ye Y,Zhu H,Zhang J,Huang Z,Yu K

Pharmacological Potential Effects of Algerian Propolis Against Oxidative Stress, Multidrug-Resistant Pathogens Biofilm and Quorum-Sensing.

Turkish journal of pharmaceutical sciences , Volume: 21 Issue: 1 2024 Mar 25

Authors Hadjab W,Zellagui A,Mokrani M,Öztürk M,Ceylan Ö,Gherraf N,Bensouici C

Human-derived bacterial strains mitigate colitis via modulating gut microbiota and repairing intestinal barrier function in mice.

BMC microbiology , Volume: 24 Issue: 1 2024 Mar 23

Authors Dai J,Jiang M,Wang X,Lang T,Wan L,Wang J

Food additives impair gut microbiota from healthy individuals and IBD patients in a colonic in vitro fermentation model.

Food research international (Ottawa, Ont.) , Volume: 182 2024 Apr

Authors Gonza I,Goya-Jorge E,Douny C,Boutaleb S,Taminiau B,Daube G,Scippo ML,Louis E,Delcenserie V

Associations Between Health Behaviors, Gastrointestinal Symptoms, and Gut Microbiota in a Cross-Sectional Sample of Cancer Survivors: Secondary Analysis from the Chemo-Gut Study.

Integrative cancer therapies , Volume: 23 2024 Jan-Dec

Authors Deleemans JM,Chleilat F,Reimer RA,Lawal OA,Baydoun M,Piedalue KA,Lowry DE,Carlson LE

Effect of *Lactobacillus plantarum* BFS1243 on a female frailty model induced by fecal microbiota transplantation in germ-free mice.

Food & function , 2024 Mar 22

Authors Dong S,Zeng Q,He W,Cheng W,Zhang L,Zhong R,He W,Fang X,Wei H

Bacillus coagulans TCI711 Supplementation Improved Nonalcoholic Fatty Liver by Modulating Gut Microbiota: A Randomized, Placebo-Controlled, Clinical Trial.

Current developments in nutrition , Volume: 8 Issue: 3 2024 Mar

Authors Hsieh RH,Chien YJ,Lan WY,Lin YK,Lin YH,Chiang CF,Yang MT

Hadza *Prevotella* require diet-derived microbiota-accessible carbohydrates to persist in mice.

Cell reports , Volume: 42 Issue: 11 2023 Nov 28

Authors Gellman RH,Olm MR,Terrapon N,Enam F,Higginbottom SK,Sonnenburg JL,Sonnenburg ED

Anti-inflammatory probiotics HFO5 and HFO6 synergistically alleviate ulcerative colitis and secondary liver injury.

Food & function , Volume: 15 Issue: 7 2024 Apr 2

Authors Liu C,Qi X,Liu X,Sun Y,Mao K,Shen G,Ma Y,Li Q

Diet Mediate the Impact of Host Habitat on Gut Microbiome and Influence Clinical Indexes by Modulating Gut Microbes and Serum Metabolites.

Advanced science (Weinheim, Baden-Wurtemberg, Germany) , 2024 Mar 13

Authors Zhang J,Qi H,Li M,Wang Z,Jia X,Sun T,Du S,Su C,Zhi M,Du W,Ouyang Y,Wang P,Huang F,Jiang H,Li L,Bai J,Wei Y,Zhang X,Wang H,Zhang B,Feng Q

Polyphenols Influence the Development of Endometrial Cancer by Modulating the Gut Microbiota.

Nutrients , Volume: 16 Issue: 5 2024 Feb 28

Authors Baranowska-Wójcik E,Winiarska-Mieczan A,Olcha P,Kwiecien M,Jachimowicz-Rogowska K,Nowakowski L,Miturski A,Galczyński K

Dynamics of Gut Microbiota and Short-Chain Fatty Acids during a Cycling Grand Tour Are Related to Exercise Performance and Modulated by Dietary Intake.

Nutrients , Volume: 16 Issue: 5 2024 Feb 27

Authors Fernandez-Sanjurjo M,Fernandez J,Martinez-Cambor P,Rodríguez-Alonso M,Ortolano-Rios R,Pinto-Hernandez P,Castilla-Silgado J,Coto-Vilcapoma A,Ruiz L,Villar CJ,Tomas-Zapico C,Margolles A,Fernandez-Garcia B,Iglesias-Gutierrez E,Lombó F

Effects of Supplementation with Oregano Essential Oil during Late Gestation and Lactation on Serum Metabolites.

Antioxidant Capacity and Fecal Microbiota of Sows.**Animals : an open access journal from MDPI** , Volume: 14 Issue: 5 2024 Feb 28

Authors Zhang Y,Deng Y,Hao Y,Fang J,Feng J

Lactobacillus paracasei ZFM54 alters the metabolomic profiles of yogurt and the co-fermented yogurt improves the gut microecology of human adults.**Journal of dairy science** , Volume: 107 Issue: 8 2024 Aug

Authors Chen X,Zhu Z,Zhang X,Chen L,Gu Q,Li P

The differential effect of two cereal foods on gut environment: a randomized, controlled, double-blind, parallel-group study.**Frontiers in nutrition** , Volume: 10 2023

Authors Yamauchi Y,Masutomi H,Ishihara K,Hartanto T,Lee CG,Fukuda S

Short term supplementation with cranberry extract modulates gut microbiota in human and displays a bifidogenic effect.**NPJ biofilms and microbiomes** , Volume: 10 Issue: 1 2024 Mar 6

Authors Lessard-Lord J,Roussel C,Lupien-Meilleur J,Généreux P,Richard V,Guay V,Roy D,Desjardins Y

Clostridium butyricum MIYAIRI 588 contributes to the maintenance of intestinal microbiota diversity early after haematopoietic cell transplantation.**Bone marrow transplantation** , Volume: 59 Issue: 6 2024 Jun

Authors Fukushima K,Kudo H,Oka K,Hayashi A,Onizuka M,Kusakabe S,Hino A,Takahashi M,Takeda K,Mori M,Ando K,Hosen N

Curcumin protects mice with myasthenia gravis by regulating the gut microbiota, short-chain fatty acids, and the Th17/Treg balance.**Heliyon** , Volume: 10 Issue: 4 2024 Feb 29

Authors Sun J,Xie Q,Sun M,Zhang W,Wang H,Liu N,Wang M

Inhibitory Effects of Endemic Thyme's Thymol-Carvacrol Chemotype Essential Oil on Aspergillus Species with Free Radical Scavenging Properties.**Chemistry & biodiversity** , Volume: 21 Issue: 5 2024 May

Authors Mirahmadi SF,Shayganfar A

Olive oil nanoemulsion containing curcumin: antimicrobial agent against multidrug-resistant bacteria.**Applied microbiology and biotechnology** , Volume: 108 Issue: 1 2024 Feb 27

Authors Confessor MVA,Agreles MAA,Campos LAA,Silva Neto AF,Borges JC,Martins RM,Scavuzzi AML,Lopes ACS,Kretzschmar EAM,Cavalcanti IMF

Curcumin attenuates aflatoxin B1-induced ileum injury in ducks by inhibiting NLRP3 inflammasome and regulating TLR4/NF- κ B signaling pathway.**Mycotoxin research** , Volume: 40 Issue: 2 2024 May

Authors Pan H,Hu T,He Y,Zhong G,Wu S,Jiang X,Rao G,You Y,Ruan Z,Tang Z,Hu L

The Effect of Oral Iron Supplementation/Fortification on the Gut Microbiota in Infancy: A Systematic Review and Meta-Analysis.**Children (Basel, Switzerland)** , Volume: 11 Issue: 2 2024 Feb 10

Authors Karamantziani T,Pouliakis A,Xanthos T,Ekmektzoglou K,Paliatsiou S,Sokou R,Iacovidou N

Adjunctive efficacy of Bifidobacterium animalis subsp. lactis XLTG11 for functional constipation in children.**Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology]** , Volume: 55 Issue: 2 2024 Jun

Authors Chen K,Zhou Z,Nie Y,Cao Y,Yang P,Zhang Y,Xu P,Yu Q,Shen Y,Ma W,Jin S,Liu C

Lactocaseibacillus paracasei CCFM1222 Ameliorated the Intestinal Barrier and Regulated Gut Microbiota in Mice with Dextran Sulfate Sodium-Induced Colitis.**Probiotics and antimicrobial proteins** , 2024 Feb 20

Authors Guo W,Tang X,Zhang Q,Xiong F,Yan Y,Zhao J,Mao B,Zhang H,Cui S

Dietary probiotic Lactocaseibacillus paracasei NSMJ56 modulates gut immunity and microbiota in laying hens.**Poultry science** , Volume: 103 Issue: 4 2024 Apr

Authors Kim YB,Park J,Lee HG,Song JY,Kim DH,Jeon W,Joo SS,Kim M,Jung JY,Kim M,Lee KW

Potential mechanisms underlying inhibition of xenograft lung cancer models by kaempferol: modulation of gut microbiota in activating immune cell function.**Journal of Cancer** , Volume: 15 Issue: 5 2024

Authors Guan M,Xu W,Bai H,Geng Z,Yu Z,Li H,Liu T

Biochemical Profiling and Physicochemical and Biological Valorization of Iraqi Honey: A Comprehensive Analysis.**Molecules (Basel, Switzerland)** , Volume: 29 Issue: 3 2024 Jan 31

Authors Hameed OM,Shaker OM,Ben Slima A,Makni M

Dietary Lactobacillus delbrueckii Affects Ileal Bacterial Composition and Circadian Rhythms in Pigs.**Animals : an open access journal from MDPI** , Volume: 14 Issue: 3 2024 Jan 26

Authors Luo W,Yin Z,Zhang M,Huang X,Yin J

Temporal variations in the gut microbial diversity in response to high-fat diet and exercise.

Scientific reports , Volume: 14 Issue: 1 2024 Feb 8

Authors Imdad S,So B,Jang J,Park J, Lee SJ,Kim JH,Kang C

Anti-Diabetic Potentials of Lactobacillus Strains by Modulating Gut Microbiota Structure and β -Cells Regeneration in the Pancreatic Islets of Alloxan-Induced Diabetic Rats.

Probiotics and antimicrobial proteins , 2024 Feb 8

Authors Kumar M,Muthurayar T,Karthika S,Gayathri S,Varalakshmi P,Ashokkumar B

A polyphenol-rich plant extract prevents hypercholesterolemia and modulates gut microbiota in western diet-fed mice.

Frontiers in cardiovascular medicine , Volume: 11 2024

Authors Langhi C,Vallier M,Bron A,Otero YF,Maura M,Le Joubioux F,Blomberg N,Giera M,Guigas B,Maugard T,Chassaing B,Peltier S,Blanquet-Diot S,Bard JM,Sirvent P

Effect of ginger supplementation on the fecal microbiome in subjects with prior colorectal adenoma.

Scientific reports , Volume: 14 Issue: 1 2024 Feb 5

Authors Prakash A,Rubin N,Staley C,Onyeaghalo G,Wen YF,Shaukat A,Milne G,Straka RJ,Church TR,Prizment A

Study on the relationship between tea polyphenols alleviating osteoporosis and the changes of microorganism-metabolite-intestinal barrier.

Microbial pathogenesis , Volume: 188 2024 Mar

Authors Wen X,Wu P,Li F,Pi G

Mitigation of high-fat diet-induced hepatic steatosis by thyme (Thymus quinquecostatus Celak) polyphenol-rich extract (TPE): insights into gut microbiota modulation and bile acid metabolism.

Food & function , 2024 Feb 2

Authors Sheng X,Zhan P,Wang P,He W,Tian H

Temporal gut microbiota variability and association with dietary patterns: From the one-year observational Diet, Cancer, and Health - Next Generations MAX study.

The American journal of clinical nutrition , Volume: 119 Issue: 4 2024 Apr

Authors Rostgaard-Hansen AL,Esberg A,Dicksved J,Hansen T,Pelve E,Brunius C,Halkjaer J,Tjønneland A,Johansson I,Landberg R

Berberine alleviates ischemia reperfusion injury induced AKI by regulation of intestinal microbiota and reducing intestinal inflammation.

BMC complementary medicine and therapies , Volume: 24 Issue: 1 2024 Jan 30

Authors Huo A,Wang F

The antioxidant strain Lactiplantibacillus plantarum AS21 and Clostridium butyricum ameliorate DSS-induced colitis in mice by remodeling the assembly of intestinal microbiota and improving gut functions.

Food & function , Volume: 15 Issue: 4 2024 Feb 19

Authors Li W,Zhang Y,Chen M,Guo X,Ding Z

Argan: Phytochemical profiling and evaluation of the antioxidant, hypoglycemic, and antibacterial properties of its fruit pulp extracts.

Heliyon , Volume: 10 Issue: 1 2024 Jan 15

Authors Alaoui A,Sahri N,Mahdi I,Fahsi N,El Herradi EH,Sobeh M

Pediatric Autoimmune Neuropsychiatric Disorders Associated with Streptococcal Infections (PANDAS) Syndrome: A 10-Year Retrospective Cohort Study in an Italian Centre of Pediatric Rheumatology.

Microorganisms , Volume: 12 Issue: 1 2023 Dec 19

Authors La Bella S,Attanasi M,Di Ludovico A,Scorrano G,Mainieri F,Ciarelli F,Lauriola F,Silvestrini L,Girlando V,Chiarelli F,Breda L

Bifidobacterium improves oestrogen-deficiency-induced osteoporosis in mice by modulating intestinal immunity.

Food & function , Volume: 15 Issue: 4 2024 Feb 19

Authors Zhang J,Liang X,Tian X,Zhao M,Mu Y,Yi H,Zhang Z,Zhang L

Structural characterization, antioxidant and antibacterial activity of three pectin polysaccharides from blueberry.

International journal of biological macromolecules , Volume: 262 Issue: Pt 1 2024 Mar

Authors Qiao Y,Shen Y,Jiang H,Li D,Li B

Dietary supplementation with probiotics promotes weight loss by reshaping the gut microbiome and energy metabolism in obese dogs.

Microbiology spectrum , 2024 Jan 25

Authors Kang A,Kwak M-J, Lee DJ, Lee JJ, Kim MK, Song M, Lee M, Yang J, Oh S, Kim Y

Lactobacillus plantarum attenuates glucocorticoid-induced osteoporosis by altering the composition of rat gut microbiota and serum metabolic profile.

Frontiers in immunology , Volume: 14 2023

Authors Li S,Han X,Liu N,Chang J,Liu G,Hu S

The Effect of Lactobacillus plantarum on the Fecal Microbiota, Short Chain Fatty Acids, Odorous Substances, and Blood

Biochemical Indices of Cats.**Microorganisms** , Volume: 12 Issue: 1 2024 Jan 2

Authors Han B,Liang S,Sun J,Tao H,Wang Z,Liu B,Wang X,Liu J,Wang J

Flaxseed Lignan Alleviates the Paracetamol-Induced Hepatotoxicity Associated with Regulation of Gut Microbiota and Serum Metabolome.**Nutrients** , Volume: 16 Issue: 2 2024 Jan 18

Authors Ren Y,Xu Z,Qiao Z,Wang X,Yang C

Curcumin Mitigates the High-Fat High-Sugar Diet-Induced Impairment of Spatial Memory, Hepatic Metabolism, and the Alteration of the Gut Microbiome in Alzheimer's Disease-Induced (3xTg-AD) Mice.**Nutrients** , Volume: 16 Issue: 2 2024 Jan 12

Authors Lamichhane G,Liu J,Lee SJ,Lee DY,Zhang G,Kim Y

Mechanism of Iron Ion Homeostasis in Intestinal Immunity and Gut Microbiota Remodeling.**International journal of molecular sciences** , Volume: 25 Issue: 2 2024 Jan 5

Authors Bao H,Wang Y,Xiong H,Xia Y,Cui Z,Liu L

Wheat Bran Polyphenols Ameliorate DSS-Induced Ulcerative Colitis in Mice by Suppressing MAPK/NF- κ B Inflammatory Pathways and Regulating Intestinal Microbiota.**Foods (Basel, Switzerland)** , Volume: 13 Issue: 2 2024 Jan 10

Authors Wen X,Peng H,Zhang H,He Y,Guo F,Bi X,Liu J,Sun Y

Intestinal toxicity alleviation and efficacy potentiation through therapeutic administration of Lactobacillus paracasei GY-1 in the treatment of gout flares with colchicine.**Food & function** , Volume: 15 Issue: 3 2024 Feb 5

Authors Zeng J,Li Y,Zou Y,Yang Y,Yang T,Zhou Y

Enhancing milk quality and modulating rectal microbiota of dairy goats in starch-rich diet: the role of bile acid supplementation.**Journal of animal science and biotechnology** , Volume: 15 Issue: 1 2024 Jan 22

Authors Yin Q,Yu J,Li J,Zhang T,Wang T,Zhu Y,Zhang J,Yao J

Prevalence and Antimicrobial Characteristics of Escherichia coli in Selected Vegetables and Herbs in Bangkok, Thailand.**Journal of food protection** , Volume: 87 Issue: 3 2024 Mar

Authors Datta S,Ishikawa M,Chudhakorn S,Charaslertrangsri T

Fructose dose-dependently influences colon barrier function by regulation of some main physical, immune, and biological factors in rats.**The Journal of nutritional biochemistry** , Volume: 126 2024 Apr

Authors Gan Q,Song G,Fang W,Wang Y,Qi W

Lactic acid fermentation of goji berries (Lycium barbarum) prevents acute alcohol liver injury and modulates gut microbiota and metabolites in mice.**Food & function** , Volume: 15 Issue: 3 2024 Feb 5

Authors Duan W,Zhou L,Ren Y,Liu F,Xue Y,Wang FZ,Lu R,Zhang XJ,Shi JS,Xu ZH,Geng Y

Integrated multi-omics profiling highlights the benefits of resveratrol hydroxypropyl- β -cyclodextrin inclusion complex for A53T transgenic mice through the microbiota-gut-brain axis.**Food & function** , Volume: 15 Issue: 3 2024 Feb 5

Authors Sun X,Feng S,Qin B,Ye J,Xie L,Gui J,Sang M

Effect of chemical, thermal, and enzymatic processing of wheat bran on the solubilization, technological and biological properties of non-starch polysaccharides.**Carbohydrate polymers** , Volume: 328 2024 Mar 15

Authors Paesani C,Lammers TCG,Sciarini LS,Moiraghi M,Pérez GT,Fabi JP

Effects of aerobic exercise or Tai Chi Chuan interventions on problematic mobile phone use and the potential role of intestinal flora: A multi-arm randomized controlled trial.**Journal of psychiatric research** , Volume: 170 2024 Feb

Authors Zhang K,Guo H,Zhang X,Yang H,Yuan G,Zhu Z,Lu X,Zhang J,Du J,Shi H,Jin G,Ren J,Hao J,Sun Y,Su P,Zhang Z

Azadirachta indica (AI) leaf extract coated ZnO-Alnanocore-shell particles for enhanced antibacterial activity against methicillin-resistant Staphylococcus aureus (MRSA).**Biomedical materials (Bristol, England)** , Volume: 19 Issue: 2 2024 Jan 24

Authors Sharma B,Upadhyaya D,Deshmukh P,Chakraborty S,Sahu K,Satapathy S,Majumder SK

Synthesis of New Derivatives of Berberine Canagliflozin and Study of Their Antibacterial Activity and Mechanism.**Molecules (Basel, Switzerland)** , Volume: 29 Issue: 1 2024 Jan 4

Authors Li J,Hou X,Xiao J,Zhu L,Deng Y,Li Z,Zhao Z,Luo Z,Wei H

Prospective Randomized, Double-Blind, Placebo-Controlled Study of a Standardized Oral Pomegranate Extract on the Gut Microbiome and Short-Chain Fatty Acids.

Foods (Basel, Switzerland) , Volume: 13 Issue: 1 2023 Dec 19

Authors Sivamani RK,Chakkalakal M,Pan A,Nadora D,Min M,Dumont A,Burney WA,Chambers CJ

Bioactive compounds of honey from different regions of Brazil: the effect of simulated gastrointestinal digestion on antioxidant and antimicrobial properties.

Food & function , Volume: 15 Issue: 3 2024 Feb 5

Authors Alcoléa M,Santana Junior MB,Oliveira KAM,Tussolini L,Leite MAG,Honorio-França AC,França EL,Pertuzatti PB

Lactiplantibacillus plantarum 06CC2 upregulates intestinal ZO-1 protein and bile acid metabolism in Balb/c mice fed high-fat diet.

Bioscience of microbiota, food and health , Volume: 43 Issue: 1 2024

Authors Yamasaki M,Miyamoto Y,Ogawa K,Nishiyama K,Tsend-Ayush C,Li Y,Matsusaki T,Nakano T,Takeshita M,Arima Y

A systematic review on the effects of exercise on gut microbial diversity, taxonomic composition, and microbial metabolites: identifying research gaps and future directions.

Frontiers in physiology , Volume: 14 2023

Authors Cullen JMA,Shahzad S,Dhillon J

Lactiplantibacillus plantarum X7022 Plays Roles on Aging Mice with Memory Impairment Induced by D-Galactose Through Restoring Neuronal Damage, Relieving Inflammation and Oxidative Stress.

Probiotics and antimicrobial proteins , Volume: 17 Issue: 1 2025 Feb

Authors Yin D,Zhao L,Deng S,Xie Y,Ro KS,Yang Z,Du L,Xie J,Wei D

Co-administration of the prebiotic 1-kestose and the paraprobiotic Lactiplantibacillus plantarum FM8 in magellanic penguins promotes the activity of intestinal Lactobacillaceae and reduces the plc gene levels encoding Clostridium perfringens toxin.

The Journal of veterinary medical science , Volume: 86 Issue: 2 2024 Feb 8

Authors Fujii T,Kezuka C,Kawaguchi Y,Yamakawa S,Kondo N,Funasaki K,Hirooka Y,Tochio T

Molecular docking, molecular dynamics simulation, and MM/PBSA analysis of ginger phytochemicals as a potential inhibitor of AcrB for treating multidrug-resistant Klebsiella pneumoniae infections.

Journal of biomolecular structure & dynamics , 2024 Jan 2

Authors Sahoo M,Behera DU,Gaur M,Subudhi E

Integrated gut microbiome and metabolome analysis reveals the inhibition effect of Lactobacillus plantarum CBT against colorectal cancer.

Food & function , Volume: 15 Issue: 2 2024 Jan 22

Authors Chen YY,Fei F,Ding LL,Wen SY,Ren CF,Gong AH

Therapeutic effects of curcumin on constipation-predominant irritable bowel syndrome is associated with modulating gut microbiota and neurotransmitters.

Frontiers in microbiology , Volume: 14 2023

Authors Tu X,Ren H,Bu S

Chemoprofiling and antimicrobial activity of medicinal herbs used in the treatment of inflammatory bowel disease.

Cellular and molecular biology (Noisy-le-Grand, France) , Volume: 69 Issue: 13 2023 Dec 10

Authors Alshahrani A,Ali A,Abdelwahab SF

Air particulate pollution exposure associated with impaired cognition via microbiota gut-brain axis: an evidence from rural elderly female in northwest China.

Environmental science and pollution research international , Volume: 31 Issue: 4 2024 Jan

Authors Yuan J,Tan H,Cheng Y,Ma X,Jiang S,Hou X,Li S,Shi L,Li P,Xu H,Lv J,Han B

Berberine Protects against High-Energy and Low-Protein Diet-Induced Hepatic Steatosis: Modulation of Gut Microbiota and Bile Acid Metabolism in Laying Hens.

International journal of molecular sciences , Volume: 24 Issue: 24 2023 Dec 9

Authors Wang C,Yang Y,Chen J,Dai X,Xing C,Zhang C,Cao H,Guo X,Hu G,Zhuang Y

Effects of Dietary Limosilactobacillus fermentum and Lactisacibacillus paracasei Supplementation on the Intestinal Stem Cell Proliferation, Immunity, and Ileal Microbiota of Broiler Chickens Challenged by Coccidia and Clostridium perfringens.

Animals : an open access journal from MDPI , Volume: 13 Issue: 24 2023 Dec 15

Authors Guo S,Tong W,Qi Y,Jiang M,Li P,Zhang Z,Hu Q,Song Z,Ding B

Effects of Lactobacillus plantarum HW1 on Growth Performance, Intestinal Immune Response, Barrier Function, and Cecal Microflora of Broilers with Necrotic Enteritis.

Animals : an open access journal from MDPI , Volume: 13 Issue: 24 2023 Dec 10

Authors Chen P,Lv H,Liu W,Wang Y,Zhang K,Che C,Zhao J,Liu H

Resveratrol and Resveratrol-Loaded Galactosylated Liposomes: Anti-Adherence and Cell Wall Damage Effects on Staphylococcus aureus and MRSA.

Biomolecules , Volume: 13 Issue: 12 2023 Dec 14

Authors Prevete G,Simonis B,Mazzonna M,Mariani F,Donati E,Sennato S,Ceccacci F,Bombelli C

Effects of thermal and nonthermal treatments on microorganisms, pyrrolizidine alkaloids and volatile compounds in oregano (*Origanum vulgare* L.).

Food chemistry , Volume: 440 2024 May 15

Authors Kucukoglu AS,Hiz G,Karaca H

Effects of *Spirulina platensis* and/or *Allium sativum* on Antioxidant Status, Immune Response, Gut Morphology, and Intestinal Lactobacilli and Coliforms of Heat-Stressed Broiler Chicken.

Veterinary sciences , Volume: 10 Issue: 12 2023 Nov 27

Authors Attia YA,Hassan RA,Addeo NF,Bovera F,Alhotan RA,Al-Qurashi AD,Al-Baadani HH,Al-Banoby MA,Khafaga AF,Eisenreich W,Shehata AA,Basiouni S

Berberine-microbiota interplay: orchestrating gut health through modulation of the gut microbiota and metabolic transformation into bioactive metabolites.

Frontiers in pharmacology , Volume: 14 2023

Authors Dehau T,Cherlet M,Croubels S,Van De Vliet M,Goossens E,Van Immerseel F

Proton Pump Inhibitors Modulate Gene Expression Profile in Esophageal Mucosa and Microbiome.

The journal of pediatric pharmacology and therapeutics : JPPT : the official journal of PPAG , Volume: 28 Issue: 6 2023

Authors Rajagopala SV,Shilts MH,Correa H,Das SR,Choksi YA,Jacobse J,Goettel JA,Hiremath G

Retracted: Efficacy of Azithromycin plus Glucocorticoid Adjuvant Therapy on Serum Inflammatory Factor Levels and Incidence of Adverse Reactions in Children with Mycoplasma Pneumonia.

Evidence-based complementary and alternative medicine : eCAM , Volume: 2023 2023

Authors And Alternative Medicine EC

In silico design and mechanistic study of niosome-encapsulated curcumin against multidrug-resistant *Staphylococcus aureus* biofilms.

Frontiers in microbiology , Volume: 14 2023

Authors Khaleghian M,Sahrayi H,Hafezi Y,Mirshafeeyan M,Moghaddam ZS,Farasati Far B,Noorbazargan H,Mirzaie A,Ren Q

Effects of fulvic acid on broiler performance, blood biochemistry, and intestinal microflora.

Poultry science , Volume: 103 Issue: 2 2024 Feb

Authors Liu L,Yang N,Chen Y,Xu Z,Zhang Q,Miao X,Zhao Y,Hu G,Liu L,Song Z,Li X

The Inhibitory Activity of *Lactobacillus plantarum* Supernatant against Enterobacteria, Campylobacter, and Tumor Cells.

Bulletin of experimental biology and medicine , Volume: 176 Issue: 1 2023 Nov

Authors Danilova TA,Adzhieva AA,Mezentseva MV,Suetina IA,Danilina GA,Minko AG,Dmitrieva ML,Zhukhovitsky VG

Emergence of Rapid-Onset Ototoxicity Following Three Doses of Vancomycin: A Unique Case Report in the Context of Normal Renal Function and Therapeutic Dosing.

Cureus , Volume: 15 Issue: 11 2023 Nov

Authors Grabie YY,Chain S,Xerras M,Hong K,Khan SA

To Evaluate and Compare the Antimicrobial Efficacy of Various Disinfecting Agents on K-file against Gram-positive and Gram-negative Bacteria of Endodontic Origin: An In Vitro Study.

International journal of clinical pediatric dentistry , Volume: 16 Issue: Suppl 2 2023 Sep

Authors Opi K,Dhinsa K,Tripathi AM,Saha S

Antibiotic Efficacy in *Escherichia coli* and *Klebsiella pneumoniae* Under Nutrient Limitation and Effectiveness of Colistin-Based Antibiotic Combinations to Eradicate Persister Cells.

Current microbiology , Volume: 81 Issue: 1 2023 Dec 8

Authors Seo J,Na IY,Ko KS

Multi-omics reveals the protective effects of curcumin against AFB1-induced oxidative stress and inflammatory damage in duckling intestines.

Comparative biochemistry and physiology. Toxicology & pharmacology : CBP , Volume: 276 2024 Feb

Authors Jiang X,Liu H,You Y,Zhong G,Ruan Z,Liao J,Zhang H,Pan J,Tang Z,Hu L

The effects of 6 wk of resistance training on the gut microbiome and cardiometabolic health in young adults with overweight and obesity.

Journal of applied physiology (Bethesda, Md. : 1985) , Volume: 136 Issue: 2 2024 Feb 1

Authors Cullen JMA,Shahzad S,Kanaley JA,Ericsson AC,Dhillon J

Role of microencapsulated *Lactobacillus plantarum* in alleviating intestinal inflammatory damage through promoting epithelial proliferation and differentiation in layer chicks.

Frontiers in microbiology , Volume: 14 2023

Authors Cui Y,Huang P,Duan H,Song S,Gan L,Liu Z,Lin Q,Wang J,Qi G,Guan J

Analysis of the antibacterial effects of turmeric on particular bacteria.

Medicine , Volume: 102 Issue: 48 2023 Dec 1

Authors Odo EO,Ikwuegbu JA,Obeagu EI,Chibueze SA,Ochiaka RE

Next-generation sequencing of the athletic gut microbiota: a systematic review.

Microbiome research reports , Volume: 2 Issue: 1 2023

Authors Sabater C,Iglesias-Gutiérrez E,Ruiz L,Margolles A

Bacillus coagulans prevents the decline in average daily feed intake in young piglets infected with enterotoxigenic Escherichia coli K88 by reducing intestinal injury and regulating the gut microbiota.

Frontiers in cellular and infection microbiology , Volume: 13 2023

Authors Zhang Y,Tian X,Dong Y,Li R,Shen M,Yi D,Wu T,Wang L,Zhao D,Hou Y

Effects of different wheat bran fermentation sources on growth performance, nutrient digestibility, serum antioxidant capacity and fecal microbiota in growing pigs.

Frontiers in veterinary science , Volume: 10 2023

Authors Liu H,Ren X,Li Y,Cao Q,Yang L,Jiang S,Fu J,Gao J,Yan L,Li J,Yang W

Curcumin alleviates traumatic brain injury induced by gas explosion through modulating gut microbiota and suppressing the LPS/TLR4/MyD88/NF- κ B pathway.

Environmental science and pollution research international , Volume: 31 Issue: 1 2024 Jan

Authors Dong X,Deng L,Su Y,Han X,Yao S,Wu W,Cao J,Tian L,Bai Y,Wang G,Ren W

The Impact of Berberine Loaded Selenium Nanoparticles on K. pneumoniae and Candida albicans Antibiotics Resistance Isolates.

Archives of Razi Institute , Volume: 78 Issue: 3 2023 Jun

Authors Hasan MF,Jawad Kadhim M,Al-Awady MJ

Prebiotic potential of green banana flour: impact on gut microbiota modulation and microbial metabolic activity in a murine model.

Frontiers in nutrition , Volume: 10 2023

Authors Baek GH,Kim YJ,Lee Y,Jung SC,Seo HW,Kim JS

Quercetin targets SarA of methicillin-resistant Staphylococcus aureus to mitigate biofilm formation.

Microbiology spectrum , Volume: 12 Issue: 1 2024 Jan 11

Authors Liu P,Kang X,Chen X,Luo X,Li C,Wang G

Distinct Microbial Taxa Are Associated with LDL-Cholesterol Reduction after 12 Weeks of Lactobacillus plantarum Intake in Mild Hypercholesterolemia: Results of a Randomized Controlled Study.

Probiotics and antimicrobial proteins , 2023 Nov 28

Authors Kerlikowsky F,Müller M,Greupner T,Amend L,Strowig T,Hahn A

Antioxidant Capacity of Eugenol and Its Effect on Intestinal Flora Under in Vitro Simulated Conditions.

Studies in health technology and informatics , Volume: 308 2023 Nov 23

Authors Dai J

Effects of Dietary Bacillus coagulans and Tributyrin on Growth Performance, Serum Antioxidants, Intestinal Morphology, and Cecal Microbiota of Growing Yellow-Feathered Broilers.

Animals : an open access journal from MDPI , Volume: 13 Issue: 22 2023 Nov 15

Authors Hou J,Lian L,Lu L,Gu T,Zeng T,Chen L,Xu W,Li G,Wu H,Tian Y

Lactobacillus paracasei Relieves Constipation by Acting on the Acetic Acid-5-HT-Intestinal Motility Pathway.

Foods (Basel, Switzerland) , Volume: 12 Issue: 22 2023 Nov 20

Authors Wang L,Yang S,Mei C,Tang N,Wang J,Yu Q,Wang G,Wu G,Zhao J,Chen W

In vitro activity of ceftazidime-avibactam, imipenem-relebactam, aztreonam-avibactam, and comparators toward carbapenem-resistant and hypervirulent Klebsiella pneumoniae isolates.

Microbiology spectrum , Volume: 11 Issue: 6 2023 Dec 12

Authors Li D,Yu H,Huang X,Long S,Zhang J

Does the ketogenic diet improve neurological disorders by influencing gut microbiota? A systematic review.

Nutrition journal , Volume: 22 Issue: 1 2023 Nov 20

Authors Mazandarani M,Lashkarbolouk N,Ejtahed HS,Qorbani M

Vancomycin flushing syndrome in orthopaedic practice: A case report.

World journal of orthopedics , Volume: 14 Issue: 10 2023 Oct 18

Authors Al-Anii FM,Sadat-Ali M,Al-Tabash KW,AlMulhim AI,AlMousa SA,AlHawas AM

Ketogenic Diet Has Moderate Effects on the Fecal Microbiota of Wild-Type Mice.

Nutrients , Volume: 15 Issue: 21 2023 Oct 31

Authors Rohwer N,El Hage R,Smyl C,Ocvirk S,Goris T,Grune T,Swidsinski A,Weylandt KH

Epigallocatechin gallate alleviates osteoporosis by regulating the gut microbiota and serum metabolites in rats.

Food & function , Volume: 14 Issue: 23 2023 Nov 27

Authors Han X,Fu Y,Wang K,Li S,Jiang C,Wang S,Wang Z,Liu G,Hu S

Mendelian-randomization study reveals causal relationships between nitrogen dioxide and gut microbiota.

Ecotoxicology and environmental safety , Volume: 267 2023 Nov 8

Authors Yang H, Shi P, Li M, Kong L, Liu S, Jiang L, Yang J, Xu B, Yang T, Xi S, Liu W

A potential strategy against clinical carbapenem-resistant Enterobacteriaceae: antimicrobial activity study of sweetener-decorated gold nanoparticles in vitro and in vivo.

Journal of nanobiotechnology , Volume: 21 Issue: 1 2023 Nov 6

Authors Liu H, Huang Z, Chen H, Zhang Y, Yu P, Hu P, Zhang X, Cao J, Zhou T

Clostridium butyricum and Clostridium tyrobutyricum: angel or devil for necrotizing enterocolitis?

mSystems , 2023 Nov 3

Authors Tao R, Zong G, Pan Y, Li H, Cheng P, Deng R, Chen W, Wang A, Xia S, Tang W, Lu Y, Wei Z

Antitumor effect of exopolysaccharide from Lactiplantibacillus plantarum WLPL09 on melanoma mice via regulating immunity and gut microbiota.

International journal of biological macromolecules , Volume: 254 Issue: Pt 1 2023 Oct 31

Authors Wang Q, Jiang B, Wei M, He Y, Wang Y, Zhang Q, Wei H, Tao X

Effectiveness of probiotics and clove essential oils in improving growth performance, immuno-antioxidant status, ileum morphometric, and microbial community structure for heat-stressed broilers.

Scientific reports , Volume: 13 Issue: 1 2023 Nov 1

Authors Elbaz AM, Ashmawy ES, Ali SAM, Mourad DM, El-Samahy HS, Badri FB, Thabet HA

Lactobacillus casei combined with Lactobacillus reuteri alleviate pancreatic cancer by inhibiting TLR4 to promote macrophage M1 polarization and regulate gut microbial homeostasis.

BMC cancer , Volume: 23 Issue: 1 2023 Oct 30

Authors Zhu Z, Yi B, Tang Z, Chen X, Li M, Xu T, Zhao Z, Tang C

Spices as Sustainable Food Preservatives: A Comprehensive Review of Their Antimicrobial Potential.

Pharmaceuticals (Basel, Switzerland) , Volume: 16 Issue: 10 2023 Oct 12

Authors Sulieman AME, Abdallah EM, Alanazi NA, Ed-Dra A, Jamal A, Idress H, Alshammari AS, Shommo SAM

Modulation of the Gut Microbiota by the Plantaricin-Producing Lactiplantibacillus plantarum D13, Analysed in the DSS-Induced Colitis Mouse Model.

International journal of molecular sciences , Volume: 24 Issue: 20 2023 Oct 18

Authors Butorac K, Novak J, Banic M, Leboš Pavunc A, Culjak N, Oršolic N, Odeh D, Perica J, Šuškovc J, Kos B

The role of rifampicin within the treatment of Mycobacterium avium pulmonary disease.

Antimicrobial agents and chemotherapy , Volume: 67 Issue: 11 2023 Nov 15

Authors Schildkraut JA, Raaijmakers J, Aarnoutse R, Hoefsloot W, Wertheim HFL, van Ingen J

Bifidobacterium bifidum and Lactobacillus paracasei alleviate sarcopenia and cognitive impairment in aged mice by regulating gut microbiota-mediated AKT, NF- κ B, and FOXO3a signaling pathways.

Immunity & ageing : I & A , Volume: 20 Issue: 1 2023 Oct 23

Authors Baek JS, Shin YJ, Ma X, Park HS, Hwang YH, Kim DH

Uncovering the promising role of grape pomace as a modulator of the gut microbiome: An in-depth review.

Heliyon , Volume: 9 Issue: 10 2023 Oct

Authors Sinrod AJG, Shah IM, Surek E, Barile D

Differential effects of plant-based flours on metabolic homeostasis and the gut microbiota in high-fat fed rats.

Nutrition & metabolism , Volume: 20 Issue: 1 2023 Oct 19

Authors Martinez TM, Wachsmuth HR, Meyer RK, Weninger SN, Lane AI, Kangath A, Schiro G, Laubitz D, Stern JH, Duca FA

Phlorizin Mitigates Dextran Sulfate Sodium-Induced Colitis in Mice by Modulating Gut Microbiota and Inhibiting Ferroptosis.

Journal of agricultural and food chemistry , 2023 Oct 19

Authors Cheng J, Liu D, Huang Y, Chen L, Li Y, Yang Z, Fu S, Hu G

Effect of grape pomace supplement on growth performance, gastrointestinal microbiota, and methane production in Tan lambs.

Frontiers in microbiology , Volume: 14 2023

Authors Cheng X, Du X, Liang Y, Degen AA, Wu X, Ji K, Gao Q, Xin G, Cong H, Yang G

Thymus Vulgaris Oil Nanoemulsion: Synthesis, Characterization, Antimicrobial and Anticancer Activities.

Molecules (Basel, Switzerland) , Volume: 28 Issue: 19 2023 Oct 2

Authors Doghish AS, Shehabeldine AM, El-Mahdy HA, Hassanin MMH, Al-Askar AA, Marey SA, Abdelgawad H, Hashem AH

Biological activities, therapeutic potential, and pharmacological aspects of blackcurrants (Ribes nigrum L): A comprehensive review.

Food science & nutrition , Volume: 11 Issue: 10 2023 Oct

Authors Ejaz A, Waliat S, Afzaal M, Saeed F, Ahmad A, Din A, Ateeq H, Asghar A, Shah YA, Rafi A, Khan MR

High-fructose corn syrup aggravates colitis via microbiota dysbiosis-mediated Th17/Treg imbalance.

Clinical science (London, England : 1979) , Volume: 137 Issue: 20 2023 Oct 31

Authors Zhou M, Liu X, He J, Xu X, Ju C, Luo S, Lu X, Du P, Chen Y

Butyrogenic, bifidogenic and slight anti-inflammatory effects of a green kiwifruit powder (Kiwi FFG®) in a human

gastrointestinal model simulating mild constipation.

Food research international (Ottawa, Ont.) , Volume: 173 Issue: Pt 2 2023 Nov

Authors Goya-Jorge E,Bondue P,Gonza I,Laforêt F,Antoine C,Boutaleb S,Douny C,Scippo ML,de Ribaucourt JC,Crahay F,Delcenserie V

Antitumor, Antioxidant, and Antimicrobial Properties and Anticancer Potential of Novel Environmentally Friendly Amide-Modified Gallic Acid Derivatives.

Journal of agricultural and food chemistry , 2023 Oct 6

Authors Wang X,Cong J,Zhang L,Han Z,Jiang X,Yu L

The effect of physical exercise and dairy probiotics (Lactobacillus casei) on gut microbiome in childhood cancer survivors.

Neoplasma , Volume: 70 Issue: 4 2023 Aug

Authors Bielik V,Hric I,Šmahová S,Tkaciková M,Hlaváčová V,Nechalová L,Ugrayová S,Kolenová A

Diet and gut microbial associations in irritable bowel syndrome according to disease subtype.

Gut microbes , Volume: 15 Issue: 2 2023 Dec

Authors Wang Y,Ma W,Mehta R,Nguyen LH,Song M,Drew DA,Asnicar F,Huttenhower C,Segata N,Wolf J,Spector T,Berry S,Staller K,Chan AT

Retracted: Efficacy of Jiedu Pingsou Decoction Combined with Azithromycin in the Treatment of Children with Mycoplasma Pneumonia and Its Effects on Inflammatory Factors and Immune Function.

Journal of healthcare engineering , Volume: 2023 2023

Authors Healthcare Engineering JO

Antibiofilm, Antimicrobial, Anti-Quorum Sensing, and Antioxidant Activities of Saudi Sidr Honey: In Vitro and Molecular Docking Studies.

Pharmaceutics , Volume: 15 Issue: 9 2023 Aug 22

Authors Bazaid AS,Alsolami A,Patel M,Khateb AM,Aldarhami A,Snoussi M,Almusheet SM,Qanash H

In Vitro Prebiotic Effects and Antibacterial Activity of Five Leguminous Honeys.

Foods (Basel, Switzerland) , Volume: 12 Issue: 18 2023 Sep 6

Authors Fratianni F,De Giulio B,d'Acierno A,Amato G,De Feo V,Coppola R,Nazzaro F

Enterococcus faecium C171: Modulating the Immune Response to Acute Lethal Viral Challenge.

International journal of antimicrobial agents , Volume: 62 Issue: 5 2023 Nov

Authors Mi J,He T,Hu X,Wang Z,Wang T,Qi X,Li K,Gao L,Liu C,Zhang Y,Wang S,Qiu Y,Liu Z,Song J,Wang X,Gao Y,Cui H

The Synergism of Human Lactobacillaceae and Inulin Decrease Hyperglycemia via Regulating the Composition of Gut Microbiota and Metabolic Profiles in db/db Mice.

Journal of microbiology and biotechnology , Volume: 33 Issue: 12 2023 Aug 21

Authors Li P,Tong T,Wu Y,Zhou X,Zhang M,Liu J,She Y,Li Z,Li A

Effects of Ramadan intermittent fasting on gut microbiome: is the diet key?

Frontiers in microbiology , Volume: 14 2023

Authors Saglam D,Colak GA,Sahin E,Ekren BY,Sezerman U,Bas M

Gut microbial change after administration of Lactisacillibacillus paracasei A0356 is associated with anti-obesity in a mouse model.

Frontiers in endocrinology , Volume: 14 2023

Authors Song EJ,Lee ES,Kim YI,Shin DU,Eom JE,Shin HS,Lee SY,Nam YD

Genomic DNA Extracted from Lactiplantibacillus plantarum Attenuates Porphyromonas gingivalis Lipopolysaccharide (LPS)-Induced Inflammatory Responses via Suppression of Toll-Like Receptor (TLR)-Mediated Mitogen-Activated Protein Kinase (MAPK) and Nuclear Factor- κ B (NF- κ B) Signaling Pathways.

Food science of animal resources , Volume: 43 Issue: 5 2023 Sep

Authors Choi YH,Kim BS,Kang SS

Assessment of chemical compositions and antibacterial activity of the essential oil of Mentha piperita in response to salicylic acid.

Natural product research , Volume: 38 Issue: 20 2024 Oct

Authors Afkar S

Curcumin-sulfobutyl-ether beta cyclodextrin inclusion complex: preparation, spectral characterization, molecular modeling and antimicrobial activity.

Journal of biomolecular structure & dynamics , Volume: 42 Issue: 19 2024

Authors Sravani AB,Shenoy K M,Chandrika B,Kumar B H,Kini SG,Pai K SR,Lewis SA

The effects of Ascophyllum nodosum, Camellia sinensis-leaf extract, and their joint interventions on glycolipid and energy metabolism in obese mice.

Frontiers in nutrition , Volume: 10 2023

Authors Xu Y,Jia X,Zhang W,Xie Q,Zhu M,Zhao Z,Hao J,Li H,Du J,Liu Y,Feng H,He J,Li H

In vitro antimicrobial and cytotoxic activity of Neem and Kirata herbal formulation mediated Silver nanoparticles.

Bioinformation , Volume: 18 Issue: 11 2022

Authors R R,Sp SD,B N,S R

[Effect of Ginger Root Powder on Gastrointestinal Bacteria Composition, Gastrointestinal Symptoms, Mental Health, Fatigue, and Quality of Life: A Double-Blind Placebo-Controlled Trial.](#)**The Journal of nutrition , Volume: 153 Issue: 11 2023 Nov**

Authors Crichton M,Marshall S,Marx W,Isenring E,Vázquez-Campos X,Dawson SL,Lohning A

[Unveiling the bioactive potential of Pimpinella anisum L. leaf extracts: Chromatographic profiling, antimicrobial efficiency, and cytotoxicity analysis.](#)**Biomedical chromatography : BMC , Volume: 37 Issue: 12 2023 Dec**

Authors Dawoud T,Ameen F

[Water extract of goji berries improves neuroinflammation induced by a high-fat and high-fructose diet based on the bile acid-mediated gut-brain axis pathway.](#)**Food & function , Volume: 14 Issue: 18 2023 Sep 19**

Authors Dong W,Huang Y,Shu Y,Fan X,Tian X,Yan Y,Mi J,Lu L,Zeng X,Cao Y

[Antidepressant properties of voluntary exercise mediated by gut microbiota.](#)**Bioscience, biotechnology, and biochemistry , Volume: 87 Issue: 11 2023 Oct 25**

Authors Watanabe C,Oyanagi E,Aoki T,Hamada H,Kawashima M,Yamagata T,Kremenik MJ,Yano H

[Voluntary exercise does not increase gastrointestinal motility but increases spatial memory, intestinal eNOS, Akt levels, and Bifidobacteria abundance in the microbiome.](#)**Frontiers in physiology , Volume: 14 2023**

Authors Bakonyi P,Kolonics A,Aczel D,Zhou L,Mozaffaritarab S,Molnár K,László L,Kutasi B,Tanisawa K,Park J,Gu Y,Pinho RA,Radak Z

[The chronic consumption of dietary fructose promotes the gut Clostridium species imbalance and bile acid alterations in developing nonalcoholic fatty liver disease.](#)**The Journal of nutritional biochemistry , Volume: 121 2023 Nov**

Authors Zhang D,Wang H,Liu A,Wang S,Xu C,Lan K,Xiang W,Zhu K,Xiao Y,Fu J,Jiang R,Chen W,Ni Y

[Resveratrol alleviates DSS-induced IBD in mice by regulating the intestinal microbiota-macrophage-arginine metabolism axis.](#)**European journal of medical research , Volume: 28 Issue: 1 2023 Sep 2**

Authors Xu X,Ocansey DKW,Pei B,Zhang Y,Wang N,Wang Z,Mao F

[Positive efficacy of Lactiplantibacillus plantarum MH-301 as a postoperative adjunct to endoscopic sclerotherapy for internal hemorrhoids: a randomized, double-blind, placebo-controlled trial.](#)**Food & function , 2023 Sep 1**

Authors Zhang K,Liu H,Liu P,Feng Q,Gan L,Yao L,Huang G,Fang Z,Chen T,Fang N

[Dietary oregano aqueous extract improves growth performance and intestinal health of broilers through modulating gut microbial compositions.](#)**Journal of animal science and biotechnology , Volume: 14 Issue: 1 2023 Sep 1**

Authors Zhang F,Yang J,Zhan Q,Shi H,Li Y,Li D,Li Y,Yang X

[Lactobacillus paracasei AH2 isolated from Chinese sourdough alleviated gluten-induced food allergy through modulating gut microbiota and promoting short-chain fatty acid accumulation in a BALB/c mouse model.](#)**Journal of the science of food and agriculture , Volume: 104 Issue: 2 2024 Jan 30**

Authors Chen C,Liu C,Mu K,Xue W

[Comparing the Influences of Metformin and Berberine on the Intestinal Microbiota of Rats With Nonalcoholic Steatohepatitis.](#)**In vivo (Athens, Greece) , Volume: 37 Issue: 5 2023 Sep-Oct**

Authors Chen D,Xiong J,Chen G,Zhang Z,Liu Y,Xu J,Xu H

[Polysaccharide from Ziyang Selenium-Enriched Green Tea Prevents Obesity and Promotes Adipose Thermogenesis via Modulating the Gut Microbiota.](#)**Journal of agricultural and food chemistry , Volume: 71 Issue: 36 2023 Sep 13**

Authors Li D,Cheng Y,Zeng X,Li Y,Xia Z,Yang X,Ren D

[Curcumin alleviates imiquimod-induced psoriasis-like inflammation and regulates gut microbiota of mice.](#)**Immunity, inflammation and disease , Volume: 11 Issue: 8 2023 Aug**

Authors Cai Z,Wang W,Zhang Y,Zeng Y

[Bifidobacterium animalis subsp. lactis HN019 has antimicrobial activity against endodontic pathogens in vitro.](#)**Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology] , 2023 Aug 26**

Authors Araujo LDC,da Silva RAB,Silva CMPC,Salvador SLS,Messora MR,Furlaneto FAC,Mastrange MDA,Pucinelli CM,da Silva LAB

[Dietary Flaxseed and Flaxseed Oil Differentially Modulate Aspects of the Microbiota Gut-Brain Axis Following an Acute](#)

Lipopolysaccharide Challenge in Male C57Bl/6 Mice.**Nutrients** , Volume: 15 Issue: 16 2023 Aug 11

Authors Livingston DBH,Sweet A,Rodrigue A,Kishore L,Loftus J,Ghali F,Mahmoodianfard S,Celton C,Hosseini F,Power KA

Effect of Bacillus subtilis and Oregano Oil on Performance, Gut Microbiome, and Intestinal Morphology in Pullets.**Animals : an open access journal from MDPI** , Volume: 13 Issue: 16 2023 Aug 8

Authors Kim HJ,Kim HS,Yun YS,Kang HK

Effects of ketogenic diet on the classification and functional composition of intestinal flora in children with mitochondrial epilepsy.**Frontiers in neurology** , Volume: 14 2023

Authors Wang J,Huang L,Li H,Chen G,Yang L,Wang D,Han H,Zheng G,Wang X,Liang J,He W,Fang F,Liao J,Sun D

Antibacterial activity of Thymus vulgaris (thyme) essential oil against strains of Pseudomonas aeruginosa, Klebsiella pneumoniae and Staphylococcus saprophyticus isolated from meat product.**Brazilian journal of biology = Revista brasleira de biologia** , Volume: 83 2023

Authors Diniz AF,Santos B,Nóbrega LMMO,Santos VRL,Mariz WS,Cruz PSC,Nóbrega RO,Silva RL,Paula AFR,Santos JRDA,Pessôa HLF,Oliveira-Filho AA

Ketogenic diet ameliorates attention deficit hyperactivity disorder in rats via regulating gut microbiota.**PloS one** , Volume: 18 Issue: 8 2023

Authors Liu Y,Yang C,Meng Y,Dang Y,Yang L

Supplementation of ginger root extract into broiler chicken diet: effects on growth performance and immunocompetence.**Poultry science** , Volume: 102 Issue: 10 2023 Jul 11

Authors Dosu G,Obanla TO,Zhang S,Sang S,Adetunji AO,Fahrenheit AC,Ferket PR,Nagabhushanam K,Fasina YO

Association of cigarette smoking with risk of colorectal cancer subtypes classified by gut microbiota.**Tobacco induced diseases** , Volume: 21 2023

Authors Cai JA,Zhang YZ,Yu ED,Ding WQ,Li ZS,Zhong L,Cai QC

The effects of time-restricted eating and Ramadan fasting on gut microbiota composition: a systematic review of human and animal studies.**Nutrition reviews** , Volume: 82 Issue: 6 2024 May 10

Authors Pieczynska-Zajac JM,Malinowska A,Lagowska K,Leciejska N,Bajerska J

Liposomal Epigallocatechin-3-Gallate for the Treatment of Intestinal Dysbiosis in Children with Autism Spectrum Disorder: A Comprehensive Review.**Nutrients** , Volume: 15 Issue: 14 2023 Jul 24

Authors de la Rubia Ortí JE,Moneti C,Serrano-Ballesteros P,Castellano G,Bayona-Babiloni R,Carriqui-Suárez AB,Motos-Muñoz M,Proaño B,Benlloch M

The impact of antimicrobial food additives and sweeteners on the growth and metabolite production of gut bacteria.**Folia microbiologica** , Volume: 68 Issue: 5 2023 Oct

Authors de Souza Lopes A,Elisabete Costa Antunes A,Idelça Aires Machado K,Sartoratto A,Cristina Teixeira Duarte M

The impact of aerobic exercise training on cognitive function and gut microbiota in methamphetamine-dependent individuals in the community.**Physiology & behavior** , Volume: 270 2023 Oct 15

Authors Zhu Y,Zhu J,Song G

Influences of wheat bran fiber on growth performance, nutrient digestibility, and intestinal epithelium functions in Xiangcun pigs.**Heliyon** , Volume: 9 Issue: 7 2023 Jul

Authors Liu J,Luo Y,Kong X,Yu B,Zheng P,Huang Z,Mao X,Yu J,Luo J,Yan H,He J

Bile Acids and Short-Chain Fatty Acids Are Modulated after Onion and Apple Consumption in Obese Zucker Rats.**Nutrients** , Volume: 15 Issue: 13 2023 Jul 5

Authors Balderas C,de Ancos B,Sánchez-Moreno C

Pimpinella anisum L. Essential Oil a Valuable Antibacterial and Antifungal Alternative.**Plants (Basel, Switzerland)** , Volume: 12 Issue: 13 2023 Jun 23

Authors Dumitrescu E,Muselin F,Tirziu E,Folescu M,Dumitrescu CS,Orboi DM,Cristina RT

Manipulating Microbiota in Inflammatory Bowel Disease Treatment: Clinical and Natural Product Interventions Explored.**International journal of molecular sciences** , Volume: 24 Issue: 13 2023 Jul 2

Authors Zhu M,Song Y,Xu Y,Xu H

Flaxseed Bioactive Compounds: Chemical Composition, Functional Properties, Food Applications and Health Benefits-Related Gut Microbes.**Foods (Basel, Switzerland)** , Volume: 11 Issue: 20 2022 Oct 21

Authors Mueed A,Shibli S,Korma SA,Madjirebaye P,Esatbeyoglu T,Deng Z

Bacillus coagulans MZY531 alleviates intestinal mucosal injury in immunosuppressive mice via modulating intestinal

barrier, inflammatory response, and gut microbiota.

Scientific reports , Volume: 13 Issue: 1 2023 Jul 10

Authors Zhao Z,Sun M,Cui X,Chen J,Liu C,Zhang X

The probiotic *Lactobacillus casei* Zhang-mediated correction of gut dysbiosis ameliorates peritoneal fibrosis by suppressing macrophage-related inflammation via the butyrate/PPAR- γ /NF- κ B pathway.

Food & function , Volume: 14 Issue: 15 2023 Jul 31

Authors Wu Z,Zuo X,Wang X,Shi M,Zhu H,Cao C,Liu X,Liang W,Yao Y,Wang L

Cinnamon oil solid self-microemulsion mediates chronic mild stress-induced depression in mice by modulating monoamine neurotransmitters, corticosterone, inflammation cytokines, and intestinal flora.

Heliyon , Volume: 9 Issue: 6 2023 Jun

Authors Ma T,Tang B,Wang Y,Shen M,Ping Y,Wang L,Su J

Antibacterial Activities of Mint (*Mentha piperita*) Leaf Extracts (Aqueous) Against Two Food Borne infection causing pathogens: *Staphylococcus aureus* and *Escherichia coli*.

Mymensingh medical journal : MMJ , Volume: 32 Issue: 3 2023 Jul

Authors Afrin A,Ahmed AU,Zannat KE,Tanzim SM,Saha BC,Joyal JB,Aktar M,Nira NH,Sabrin F,Nahar S,Jahan S,Shimu RN,Hossain MA

Effects of *Lactocaseibacillus casei* (*Lactobacillus casei*) and *Saccharomyces cerevisiae* mixture on growth performance, hematological parameters, immunological responses, and intestinal microbiome in weaned pigs.

Frontiers in veterinary science , Volume: 10 2023

Authors Kim S,Kwak J,Song M,Cho J,Kim ES,Keum GB,Doo H,Pandey S,Cho JH,Ryu S,Kim S,Im YM,Kim HB

Goat and cow milk differ in altering the microbiota composition and neurotransmitter levels in insomnia mouse models.

Food & function , Volume: 14 Issue: 14 2023 Jul 17

Authors Mo L,Jing H,Du X,Zhao C,Lin Y,Li J,Wang H

Effect of Probiotic Yogurt Supplementation(*Bifidobacterium animalis* ssp. *lactis* BB-12) on Gut Microbiota of Female Taekwondo Athletes and Its Relationship with Exercise-Related Psychological Fatigue.

Microorganisms , Volume: 11 Issue: 6 2023 May 26

Authors Zhu J,Zhu Y,Song G

Phyto-Inhibitory and Antimicrobial Activity of Brown Propolis from Romania.

Antibiotics (Basel, Switzerland) , Volume: 12 Issue: 6 2023 Jun 5

Authors Vica ML,Glevitzky M,Heghedus-Mîndru RC,Dumitrel GA,Heghedus-Mîndru G,Popa M,Faur DM,Bălăci ?,Teodoru CA

Probiotic modulation of gut microbiota by *Bacillus coagulans* MTCC 5856 in healthy subjects: A randomized, double-blind, placebo-control study.

Medicine , Volume: 102 Issue: 20 2023 May 19

Authors Majeed M,Nagabhushanam K,Mundkur L,Paulose S,Divakar H,Rao S,Arumugam S

Crosstalk between dietary pomegranate and gut microbiota: evidence of health benefits.

Critical reviews in food science and nutrition , 2023 Jun 19

Authors Yin Y,Martínez R,Zhang W,Estévez M

Targeted modification of gut microbiota and related metabolites via dietary fiber.

Carbohydrate polymers , Volume: 316 2023 Sep 15

Authors Nie Q,Sun Y,Li M,Zuo S,Chen C,Lin Q,Nie S

Structural characterization of slow digestion dextrin synthesized by a combination of α -glucosidase and cyclodextrin glucosyltransferase and its prebiotic potential on the gut microbiota in vitro.

Food chemistry , Volume: 426 2023 Nov 15

Authors Wei B,Wang L,Su L,Tao X,Chen S,Wu J,Xia W

Effects of exercise and physical activity on gut microbiota composition and function in older adults: a systematic review.

BMC geriatrics , Volume: 23 Issue: 1 2023 Jun 12

Authors Aya V,Jimenez P,Muñoz E,Ramírez JD

Lactobacillus casei and Its Supplement Alleviate Stress-Induced Depression and Anxiety in Mice by the Regulation of BDNF Expression and NF- κ B Activation.

Nutrients , Volume: 15 Issue: 11 2023 May 26

Authors Ma X,Shin YJ,Park HS,Jeong JW,Kim JY,Shim JJ,Lee JL,Kim DH

Regulation of Gut Microflora by *Lactobacillus casei* Zhang Attenuates Liver Injury in Mice Caused by Anti-Tuberculosis Drugs.

International journal of molecular sciences , Volume: 24 Issue: 11 2023 May 29

Authors Li Y,Zhao L,Sun C,Yang J,Zhang X,Dou S,Hua Q,Ma A,Cai J

Bacillus coagulans (*Weizmannia coagulans*) XY2 attenuates Cu-induced oxidative stress via DAF-16/FoxO and SKN-1/Nrf2 pathways and gut microbiota regulation.

Journal of hazardous materials , Volume: 457 2023 Sep 5

Authors Gao Y,Yu T,Wu Y,Huang X,Teng J,Zhao N,Zheng X,Yan F

Debilitating Gentamicin Ototoxicity: Case Report and Recommendations Against Routine Use in Surgical Prophylaxis.

The Annals of otology, rhinology, and laryngology , Volume: 132 Issue: 12 2023 Dec

Authors Kalmanson OA,McLoughlin KC,Kiser TH,Gubbels SP

Effect of Bifidobacterium bifidum G9-1 on the Intestinal Environment and Diarrhea-Predominant Irritable Bowel Syndrome (IBS-D)-like Symptoms in Patients with Quiescent Crohn`s Disease: A Prospective Pilot Study.

Journal of clinical medicine , Volume: 12 Issue: 10 2023 May 9

Authors Tomita T,Fukui H,Okugawa T,Nakanishi T,Mieno M,Nakai K,Eda H,Kitayama Y,Oshima T,Shinzaki S,Miwa H

Comparison of the Effects of Enzymolysis Seaweed Powder and Saccharomyces boulardii on Intestinal Health and Microbiota Composition in Kittens.

Metabolites , Volume: 13 Issue: 5 2023 May 8

Authors Zhang M,Mo R,Li M,Qu Y,Wang H,Liu T,Liu P,Wu Y

Intermittent fasting protects against food allergy in a murine model via regulating gut microbiota.

Frontiers in immunology , Volume: 14 2023

Authors Ma RX,Hu JQ,Fu W,Zhong J,Cao C,Wang CC,Qi SQ,Zhang XL,Liu GH,Gao YD

The improvement of intestinal dysbiosis and hepatic metabolic dysfunction in dextran sulfate sodium-induced colitis mice: effects of curcumin.

Journal of gastroenterology and hepatology , Volume: 38 Issue: 8 2023 Aug

Authors Zhou F,Mai T,Wang Z,Zeng Z,Shi J,Zhang F,Kong N,Jiang H,Guo L,Xu M,Lin J

Ketogenic diet protects MPTP-induced mouse model of Parkinson's disease via altering gut microbiota and metabolites.

MedComm , Volume: 4 Issue: 3 2023 Jun

Authors Jiang Z,Wang X,Zhang H,Yin J,Zhao P,Yin Q,Wang Z

The Impact of Smoking on Microbiota: A Narrative Review.

Biomedicines , Volume: 11 Issue: 4 2023 Apr 10

Authors Cicchinelli S,Rosa F,Manca F,Zanza C,Ojetti V,Covino M,Candelli M,Gasbarrini A,Franceschi F,Piccioni A

Preparation and characterization of curcumin/chitosan conjugate as an efficient photodynamic antibacterial agent.

Carbohydrate polymers , Volume: 313 2023 Aug 1

Authors Zhao L,Ding X,Khan IM,Yue L,Zhang Y,Wang Z

Gentamicin alleviates cholestatic liver injury by decreasing gut microbiota-associated bile salt hydrolase activity in rats.

European journal of pharmacology , Volume: 951 2023 May 12

Authors Ma Y,Wang H,Yang J,Xin M,Wu X

Microencapsulation of Lactobacillus plantarum MBO01 and its probiotic effect on growth performance, cecal microbiome and gut integrity of broiler chickens in a tropical climate.

Animal bioscience , Volume: 36 Issue: 8 2023 Aug

Authors Vimom S,Angkanaporn K,Nuengjamnong C

Milk protects against sarcopenic obesity due to increase in the genus Akkermansia in faeces of db/db mice.

Journal of cachexia, sarcopenia and muscle , Volume: 14 Issue: 3 2023 Jun

Authors Okamura T,Hamaguchi M,Nakajima H,Kitagawa N,Majima S,Senmaru T,Okada H,Ushigome E,Nakanishi N,Sasano R,Fukui M

Cross-talks between gut microbiota and tobacco smoking: a two-sample Mendelian randomization study.

BMC medicine , Volume: 21 Issue: 1 2023 Apr 28

Authors Fan J,Zhou Y,Meng R,Tang J,Zhu J,Aldrich MC,Cox NJ,Zhu Y,Li Y,Zhou D

Chemical Constituents, Antioxidant Potential, and Antimicrobial Efficacy of Pimpinella anisum Extracts against Multidrug-Resistant Bacteria.

Microorganisms , Volume: 11 Issue: 4 2023 Apr 14

Authors AlBalawi AN,Elmetwalli A,Baraka DM,Alnaqar HA,Alamri ES,Hassan MG

Prevention of High-Fat-Diet-Induced Dyslipidemia by Lactobacillus plantarum LP104 through Mediating Bile Acid Enterohepatic Axis Circulation and Intestinal Flora.

Journal of agricultural and food chemistry , Volume: 71 Issue: 19 2023 May 17

Authors Wang Y,Xing X,Ma Y,Fan Y,Zhang Y,Nan B,Li X,Wang Y,Liu J

Lung-gut axis of microbiome alterations following co-exposure to ultrafine carbon black and ozone.

Particle and fibre toxicology , Volume: 20 Issue: 1 2023 Apr 21

Authors Mazumder MHH,Gandhi J,Majumder N,Wang L,Cumming RI,Stradtman S,Velayutham M,Hathaway QA,Shannahan J,Hu G,Nurkiewicz TR,Tighe RM,Kelley EE,Hussain S

Sialic acid exacerbates gut dysbiosis-associated mastitis through the microbiota-gut-mammary axis by fueling gut microbiota disruption.

Microbiome , Volume: 11 Issue: 1 2023 Apr 17

Authors Zhao C,Hu X,Qiu M,Bao L,Wu K,Meng X,Zhao Y,Feng L,Duan S,He Y,Zhang N,Fu Y

Lactobacillus plantarum CCFM405 against Rotenone-Induced Parkinson's Disease Mice via Regulating Gut Microbiota and

Branched-Chain Amino Acids Biosynthesis.**Nutrients** , Volume: 15 Issue: 7 2023 Apr 1

Authors Chu C,Yu L,Li Y,Guo H,Zhai Q,Chen W,Tian F

Anti-Obesity Effects of Dietary Fibers Extracted from Flaxseed Cake in Diet-Induced Obese Mice.**Nutrients** , Volume: 15 Issue: 7 2023 Mar 31

Authors Zhao M,Wang B,Li L,Zhao W

Dried Fruits: Bioactives, Effects on Gut Microbiota, and Possible Health Benefits-An Update.**Nutrients** , Volume: 15 Issue: 7 2023 Mar 26

Authors Alasalvar C,Chang SK,Kris-Etherton PM,Sullivan VK,Petersen KS,Guasch-Ferré M,Jenkins DJA

Impact of High Salt-Intake on a Natural Gut Ecosystem in Wildling Mice.**Nutrients** , Volume: 15 Issue: 7 2023 Mar 23

Authors Cardilli A,Hamad I,Dyczko A,Thijs S,Vangronsveld J,Müller DN,Rosshart SP,Klenewietfeld M

Neuroprotective Effects of Lactobacillus plantarum PS128 in a Mouse Model of Parkinson's Disease: The Role of Gut Microbiota and MicroRNAs.**International journal of molecular sciences** , Volume: 24 Issue: 7 2023 Apr 5

Authors Lee YZ,Cheng SH,Chang MY,Lin YF,Wu CC,Tsai YC

Psychobiotic Lactobacillus plantarum JYLP-326 relieves anxiety, depression, and insomnia symptoms in test anxious college via modulating the gut microbiota and its metabolism.**Frontiers in immunology** , Volume: 14 2023

Authors Zhu R,Fang Y,Li H,Liu Y,Wei J,Zhang S,Wang L,Fan R,Wang L,Li S,Chen T

Effects of Pomegranate Peel Polyphenols Combined with Inulin on Gut Microbiota and Serum Metabolites of High-Fat-Induced Obesity Rats.**Journal of agricultural and food chemistry** , Volume: 71 Issue: 14 2023 Apr 12

Authors Shi H,Li X,Hou C,Chen L,Zhang Y,Li J

Lactobacillus plantarum ZJ316 alleviates ulcerative colitis by inhibiting inflammation and regulating short-chain fatty acid levels and the gut microbiota in a mouse model.**Food & function** , Volume: 14 Issue: 9 2023 May 11

Authors Gu Q,Xia C,Liu N,Chen Z,Zhou Q,Li P

Antimicrobial and immunoregulatory effects of Lactobacillus delbrueckii 45E against genitourinary pathogens.**Journal of biomedical science** , Volume: 30 Issue: 1 2023 Mar 23

Authors Bnfağa AA,Lee KW,Than LTL,Amin-Nordin S

Ethanol extract of propolis regulates type 2 diabetes in mice via metabolism and gut microbiota.**Journal of ethnopharmacology** , Volume: 310 2023 Jun 28

Authors Guan R,Ma N,Liu G,Wu Q,Su S,Wang J,Geng Y

Tea Consumption and Gut Microbiome in Older Chinese Adults.**The Journal of nutrition** , Volume: 153 Issue: 1 2023 Jan

Authors Wang L,Shu XO,Cai H,Yang Y,Xu W,Wu J,Cai Q,Zheng W,Yu D

Bifidobacterium bifidum CCFM1163 Alleviated Cathartic Colon by Regulating the Intestinal Barrier and Restoring Enteric Nerves.**Nutrients** , Volume: 15 Issue: 5 2023 Feb 24

Authors Tang N,Yu Q,Mei C,Wang J,Wang L,Wang G,Zhao J,Chen W

Effects of fermented soybean meal supplementation on the growth performance and apparent total tract digestibility by modulating the gut microbiome of weaned piglets.**Scientific reports** , Volume: 13 Issue: 1 2023 Mar 6

Authors Muniyappan M,Shanmugam S,Park JH,Han K,Kim IH

In vitro antibacterial effect of Pimpinella anisum essential oil on Enterococcus faecalis, Lactobacillus casei, Actinomyces naeslundii, and Aggregatibacter actinomycetemcomitans.**Folia medica** , Volume: 64 Issue: 5 2022 Oct 31

Authors Bakhshi M,Kamalinejad M,Shokri M,Forouzani G,Heidari F,Tofangchiha M

Lactobacillus plantarum HF02 alleviates lipid accumulation and intestinal microbiota dysbiosis in high-fat diet-induced obese mice.**Journal of the science of food and agriculture** , Volume: 103 Issue: 9 2023 Jul

Authors Chen H,Zhao H,Qi X,Sun Y,Ma Y,Li Q

Goji berry leaf exerts a comparable effect against colitis and microbiota dysbiosis to its fruit in dextran-sulfate-sodium-treated mice.**Food & function** , Volume: 14 Issue: 7 2023 Apr 3

Authors Yu C,Chen Y,Ahmadi S,Wu D,Wu J,Ding T,Liu D,Ye X,Chen S,Pan H

Dietary Administration of Black Raspberries and Arsenic Exposure: Changes in the Gut Microbiota and Its Functional

Metabolites.**Metabolites** , Volume: 13 Issue: 2 2023 Jan 30

Authors Tu P,Tang Q,Mo Z,Niu H,Hu Y,Wu L,Chen Z,Wang X,Gao B

Efficacy of incremental loads of cow's milk as a treatment for lactose malabsorption in Japan.**World journal of clinical cases** , Volume: 11 Issue: 4 2023 Feb 6

Authors Hasegawa M,Okada K,Nagata S,Sugihara S

Effects of kiwi fruit (Actinidia chinensis) polysaccharides on metabolites and gut microbiota of acrylamide-induced mice.**Frontiers in nutrition** , Volume: 10 2023

Authors Chen M,Chen X,Wang K,Cai L,Liu N,Zhou D,Jia W,Gong P,Liu N,Sun Y

Intestinal microbial composition changes induced by Lactobacillus plantarum GBL 16, 17 fermented feed and intestinal immune homeostasis regulation in pigs.**Journal of animal science and technology** , Volume: 64 Issue: 6 2022 Nov

Authors Yu DY,Oh SH,Kim IS,Kim GI,Kim JA,Moon YS,Jang JC,Lee SS,Jung JH,Park J,Cho KK

Tributyrin and anise mixture supplementation improves growth performance, nutrient digestibility, jejunal villus height, and fecal microbiota in weaned pigs.**Frontiers in veterinary science** , Volume: 10 2023

Authors Dang X,Lee H,Lee SJ,Song JH,Mun S,Lee KY,Han K,Kim IH

Taiwanese green propolis ameliorates metabolic syndrome via remodeling of white adipose tissue and modulation of gut microbiota in diet-induced obese mice.**Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie** , Volume: 160 2023 Apr

Authors Chien YH,Yu YH,Chen YW

Antimicrobial Activity of Quercetin, Naringenin and Catechin: Flavonoids Inhibit Staphylococcus aureus-Induced Hemolysis and Modify Membranes of Bacteria and Erythrocytes.**Molecules (Basel, Switzerland)** , Volume: 28 Issue: 3 2023 Jan 27

Authors Veiko AG,Olchowik-Grabarek E,Sekowski S,Roszkowska A,Lapshina EA,Dobrzynska I,Zamaraeva M,Zavodnik IB

The Antimicrobial Activity of Curcumin and Xanthohumol on Bacterial Biofilms Developed over Dental Implant Surfaces.**International journal of molecular sciences** , Volume: 24 Issue: 3 2023 Jan 25

Authors Alonso-Español A,Bravo E,Ribeiro-Vidal H,Virto L,Herrera D,Alonso B,Sanz M

Chemical Composition and Antimicrobial Activity of New Honey Varietals.**International journal of environmental research and public health** , Volume: 20 Issue: 3 2023 Jan 30

Authors Kunat-Budzynska M,Rysiak A,Wiater A,Graz M,Andrejko M,Budzynski M,Brys MS,Sudzinski M,Tomczyk M,Gancarz M,Rusinek R,Ptaszynska AA

Lactocaseibacillus casei T1 attenuates Helicobacter pylori-induced inflammation and gut microbiota disorders in mice.**BMC microbiology** , Volume: 23 Issue: 1 2023 Feb 11

Authors Yu Z,Cao M,Peng J,Wu D,Li S,Wu C,Qing L,Zhang A,Wang W,Huang M,Zhao J

A High Dose of Dietary Berberine Improves Gut Wall Morphology, Despite an Expansion of Enterobacteriaceae and a Reduction in Beneficial Microbiota in Broiler Chickens.**mSystems** , Volume: 8 Issue: 1 2023 Feb 23

Authors Dehau T,Cherlet M,Croubels S,van Immerseel F,Goossens E

Comparative study between two different morphological structures based on polylactic acid, nanocellulose and magnetite for co-delivery of flurouracil and curcumin.**International journal of biological macromolecules** , Volume: 230 2023 Mar 1

Authors Bakr EA,Gaber M,Saad DR,Salahuddin N

Lactobacillus plantarum ZJUIDS14 alleviates non-alcoholic fatty liver disease in mice in association with modulation in the gut microbiota.**Frontiers in nutrition** , Volume: 9 2022

Authors Cao F,Ding Q,Zhuge H,Lai S,Chang K,Le C,Yang G,Valencak TG,Li S,Ren D

Amelioration of cognitive impairment using epigallocatechin-3-gallate in ovariectomized mice fed a high-fat diet involves remodeling with Prevotella and Bifidobacteriales.**Frontiers in pharmacology** , Volume: 13 2022

Authors Qu Y,Wu Y,Cheng W,Wang D,Zeng L,Wang Y,Li T,Zhang L,Yang J,Sun L,Ai J

Detection of typical indigenous gut bacteria related to turmeric (Curcuma longa) powder in mouse caecum and human faecal cultures.**Molecular biology reports** , Volume: 50 Issue: 4 2023 Apr

Authors Xia Y,Lee G,Takei N,Takahashi H,Kuda T

Impact of Saccharomyces boulardii CNCM I-745 on Bacterial Overgrowth and Composition of Intestinal Microbiota in Diarrhea-Predominant Irritable Bowel Syndrome Patients: Results of a Randomized Pilot Study.**Digestive diseases (Basel, Switzerland)** , Volume: 41 Issue: 5 2023

Authors Bustos Fernández LM,Man F,Lasa JS

Enhanced antimicrobial and antioxidant capacity of Thymus vulgaris, Lippia sidoides, and Cymbopogon citratus emulsions when combined with mannosylerythritol a lipid biosurfactant.

Food research international (Ottawa, Ont.) , Volume: 163 2023 Jan

Authors Zannotto AW,Kanemaru MYS,de Souza FG,Duarte MCT,de Andrade CJ,Pastore GM

Thyme (Thymus vulgaris L.) polyphenols ameliorate DSS-induced ulcerative colitis of mice by mitigating intestinal barrier damage, regulating gut microbiota, and suppressing TLR4/NF- κ B-NLRP3 inflammasome pathways.

Food & function , Volume: 14 Issue: 2 2023 Jan 23

Authors Zhou Z,He W,Tian H,Zhan P,Liu J

The administration of Enterococcus faecium SF68 counteracts compositional shifts in the gut microbiota of diet-induced obese mice.

Frontiers in microbiology , Volume: 13 2022

Authors Panattoni A,Calvigioni M,Benvenuti L,D`Antongiovanni V,Pellegrini C,Di Salvo C,Mazzantini D,Celandroni F,Fornai M,Antonioli L,Ghelardi E

Quercetin alleviates intestinal inflammation and improves intestinal functions via modulating gut microbiota composition in LPS-challenged laying hens.

Poultry science , Volume: 102 Issue: 3 2023 Mar

Authors Feng J,Li Z,Ma H,Yue Y,Hao K,Li J,Xiang Y,Min Y

Curcumin loaded gold nanoparticles-chitosan/sodium alginate nanocomposite for nanotheranostic applications.

Journal of biomaterials science. Polymer edition , Volume: 34 Issue: 7 2023 May

Authors Kolathupalayam Shanmugam B,Rajendran N,Arumugam K,Rangaraj S,Subramani K,Srinivasan S,Nayagam L,Aicher WK,Venkatachalam R

Effects of a Saccharomyces cerevisiae fermentation product on fecal characteristics, metabolite concentrations, and microbiota populations of dogs subjected to exercise challenge.

Journal of animal science , 2022 Dec 27

Authors Oba PM,Carroll MQ,Sieja KM,Nogueira JPS,Yang X,Epp TY,Warzecha CM,Varney JL,Fowler JW,Coon CN,Swanson KS

Green Tea Catechin EGCG Ameliorates Thioacetamide-Induced Hepatic Encephalopathy in Rats via Modulation of the Microbiota-Gut-Liver Axis.

Molecular nutrition & food research , Volume: 67 Issue: 8 2023 Apr

Authors Zhou Z,Li K,Guo J,Wang Y,Wei Y,Duan J,Chen M,Shi L,Hu W

Two weeks of high glucose intake is enough to induce intestinal mucosal damage and disturb the balance of the gut microbiota of rats.

Biomedical reports , Volume: 18 Issue: 1 2023 Jan

Authors Min C,Fu T,Tan W,Wang T,Du Y,Huang X

Exercise effect on the gut microbiota in young adolescents with subthreshold depression: A randomized psychoeducation-controlled Trial.

Psychiatry research , Volume: 319 2023 Jan

Authors Wang R,Cai Y,Lu W,Zhang R,Shao R,Yau SY,Stubbs B,McIntyre RS,Su KP,Xu G,Qi L,So KF,Lin K

Intermittent Fasting Alleviates Risk Markers in a Murine Model of Ulcerative Colitis by Modulating the Gut Microbiome and Metabolome.

Nutrients , Volume: 14 Issue: 24 2022 Dec 14

Authors Wu J,Man D,Shi D,Wu W,Wang S,Wang K,Li Y,Yang L,Bian X,Wang Q,Li L

Dietary Supplementation with Black Raspberries Altered the Gut Microbiome Composition in a Mouse Model of Colitis-Associated Colorectal Cancer, although with Differing Effects for a Healthy versus a Western Basal Diet.

Nutrients , Volume: 14 Issue: 24 2022 Dec 10

Authors Rodriguez DM,Hintze KJ,Rompato G,Wettere AJV,Ward RE,Phatak S,Neal C,Armbrust T,Stewart EC,Thomas AJ,Benninghoff AD

Heat-Killed Bifidobacterium bifidum B1628 May Alleviate Dextran Sulfate Sodium-Induced Colitis in Mice, and the Anti-Inflammatory Effect Is Associated with Gut Microbiota Modulation.

Nutrients , Volume: 14 Issue: 24 2022 Dec 8

Authors Feng C,Zhang W,Zhang T,He Q,Kwok LY,Tan Y,Zhang H

Empire Apple (Malus domestica) Juice, Pomace, and Pulp Modulate Intestinal Functionality, Morphology, and Bacterial Populations In Vivo (Gallus gallus).

Nutrients , Volume: 14 Issue: 23 2022 Nov 22

Authors Jackson C,Shukla V,Kolba N,Agarwal N,Padilla-Zakour OI,Tako E

Curcumin Regulates Gut Microbiota and Exerts a Neuroprotective Effect in the MPTP Model of Parkinson's Disease.

Evidence-based complementary and alternative medicine : eCAM , Volume: 2022 2022

Authors Zhu H,Zhang H,Hou B,Xu B, Ji L,Wu Y

Starch-protein interaction effects on lipid metabolism and gut microbes in host.**Frontiers in nutrition** , Volume: 9 2022

Authors Wang K,Zhou M,Gong X,Zhou Y,Chen J,Ma J,Zhang P

[Benefits of Green Tea: Clinical Evidence for Respiratory Tract Infections].**Yakugaku zasshi : Journal of the Pharmaceutical Society of Japan** , Volume: 142 Issue: 12 2022

Authors Yamada H

Polysaccharides from red kidney bean alleviating hyperglycemia and hyperlipidemia in type 2 diabetic rats via gut microbiota and lipid metabolic modulation.**Food chemistry** , Volume: 404 Issue: Pt A 2023 Mar 15

Authors Bai Z,Huang X,Wu G,Ye H,Huang W,Nie Q,Chen H,Yin J,Chen Y,Nie S

Tea polyphenol and epigallocatechin gallate ameliorate hyperlipidemia via regulating liver metabolism and remodeling gut microbiota.**Food chemistry** , Volume: 404 Issue: Pt A 2023 Mar 15

Authors Wen JJ,Li MZ,Chen CH,Hong T,Yang JR,Huang XJ,Geng F,Hu JL,Nie SP

Dietary bile acid supplementation alters plasma biochemical and hormone indicators, intestinal digestive capacity, and microbiota of piglets with normal birth weight and intrauterine growth retardation.**Frontiers in microbiology** , Volume: 13 2022

Authors Liu Y,Azad MAK,Zhu Q,Yu Z,Kong X

The effects of Saccharomyces boulardii on rat colonic hypermotility induced by repeated water avoidance stress and the potential mechanism.**PeerJ** , Volume: 10 2022

Authors Liu J,Ren H,Yuan F,Shao M,Luo H

Antibacterial and Antiproliferative Activities of Azadirachta indica Leaf Extract and Its Effect on Oil-in-Water Food Emulsion Stability.**Molecules (Basel, Switzerland)** , Volume: 27 Issue: 22 2022 Nov 11

Authors Ouerfelli M,Metón I,Codina-Torrella I,Almajano MP

Effects of Dietary Oregano Essential Oil on Cecal Microorganisms and Muscle Fatty Acids of Luhua Chickens.**Animals : an open access journal from MDPI** , Volume: 12 Issue: 22 2022 Nov 20

Authors Wu T,Yang F,Jiao T,Zhao S

Enterococcus faecium GEFA01 alleviates hypercholesterolemia by promoting reverse cholesterol transportation via modulating the gut microbiota-SCFA axis.**Frontiers in nutrition** , Volume: 9 2022

Authors Xu W,Zou K,Zhan Y,Cai Y,Zhang Z,Tao X,Qiu L,Wei H

Lactobacillus casei ATCC334 Ameliorates Radiation-Induced Intestinal Injury in Rats by Targeting Microbes and Metabolites.**Molecular nutrition & food research** , Volume: 67 Issue: 1 2023 Jan

Authors Hua Q,Zhang H,Xu R,Tian C,Gao T,Yuan Y,Han Y,Li Y,Qi C,Zhong F,Ma A

Exploratory analysis of one versus two-day intermittent fasting protocols on the gut microbiome and plasma metabolome in adults with overweight/obesity.**Frontiers in nutrition** , Volume: 9 2022

Authors Mohr AE,Jasbi P,Bowes DA,Dirks B,Whisner CM,Arciero KM,Poe M,Gu H,Gumprich E,Sweazea KL,Arciero PJ

Epigallocatechin-3-Gallate Decreases Plasma and Urinary Levels of p-Cresol by Modulating Gut Microbiota in Mice.**ACS omega** , Volume: 7 Issue: 44 2022 Nov 8

Authors Unno T,Ichitani M

Lactobacillus rhamnosus GG protects against atherosclerosis by improving ketone body synthesis.**Applied microbiology and biotechnology** , Volume: 106 Issue: 24 2022 Dec

Authors Zhai T,Ren W,Wang P,Zheng L

Modulation of growth performance, gut morphometry, and cecal microbiota in broilers by clove (Syzygium aromaticum) and tulsi (Ocimum sanctum) supplementation.**Poultry science** , Volume: 102 Issue: 1 2023 Jan

Authors Islam R,Sultana N,Bhakta S,Haque Z,Hasan A,Siddique MP,Islam MR

Amination Potentially Augments the Ameliorative Effect of Curcumin on Inhibition of the IL-6/Stat3/c-Myc Pathway and Gut Microbial Modulation in Colitis-Associated Tumorigenesis.**Journal of agricultural and food chemistry** , Volume: 70 Issue: 46 2022 Nov 23

Authors Koh YC,Tsai YW,Lee PS,Nagabhushanam K,Ho CT,Pan MH

Plant-Derived Lactobacillus paracasei UH-SONE68 Improves the Gut Microbiota Associated with Hepatic Disorders: A Randomized, Double-Blind, and Placebo-Controlled Clinical Trial.**Nutrients** , Volume: 14 Issue: 21 2022 Oct 26

Authors Danshiitsoodol N,Noda M,Kanno K,Uchida T,Sugiyama M

Postbiotics Prepared Using Lactobacillus paracasei CCFM1224 Prevent Nonalcoholic Fatty Liver Disease by Modulating the Gut Microbiota and Liver Metabolism.

International journal of molecular sciences , Volume: 23 Issue: 21 2022 Nov 4

Authors Pan Z,Mao B,Zhang Q,Tang X,Yang B,Zhao J,Cui S,Zhang H

Dietary Oregano Essential Oil Supplementation Influences Production Performance and Gut Microbiota in Late-Phase Laying Hens Fed Wheat-Based Diets.

Animals : an open access journal from MDPI , Volume: 12 Issue: 21 2022 Nov 2

Authors Gao F,Zhang L,Li H,Xia F,Bai H,Piao X,Sun Z,Cui H,Shi L

Dynamics of Gut Microbiota and Clinical Variables after Ketogenic and Mediterranean Diets in Drug-Naïve Patients with Type 2 Diabetes Mellitus and Obesity.

Metabolites , Volume: 12 Issue: 11 2022 Nov 10

Authors Deledda A,Palmas V,Heidrich V,Fosci M,Lombardo M,Cambarau G,Lai A,Melis M,Loi E,Loviselli A,Manzin A,Velluzzi F

Effects of Proteases from Pineapple and Papaya on Protein Digestive Capacity and Gut Microbiota in Healthy C57BL/6 Mice and Dose-Manner Response on Mucosal Permeability in Human Reconstructed Intestinal 3D Tissue Model.

Metabolites , Volume: 12 Issue: 11 2022 Oct 26

Authors Kostiuhenko O,Kravchenko N,Markus J,Burleigh S,Fedkiv O,Cao L,Letasiova S,Skibo G,Fåk Hållenius F,Prykhodko O

Effect of garlic extract on weight loss and gut microbiota composition in obese women: A double-blind randomized controlled trial.

Frontiers in nutrition , Volume: 9 2022

Authors Ettehad-Marvasti F,Ejtahed HS,Siadat SD,Soroush AR,Hoseini-Tavassol Z,Hasani-Ranjbar S,Larijani B

Structural Insights into Amelioration Effects of Quercetin and Its Glycoside Derivatives on NAFLD in Mice by Modulating the Gut Microbiota and Host Metabolism.

Journal of agricultural and food chemistry , Volume: 70 Issue: 46 2022 Nov 23

Authors Shi Z,Zhang C,Lei H,Chen C,Cao Z,Song Y,Chen G,Wu F,Zhou J,Lu Y,Zhang L

Co-fermented yellow wine lees by Bacillus subtilis and Enterococcus faecium regulates growth performance and gut microbiota in finishing pigs.

Frontiers in microbiology , Volume: 13 2022

Authors Zhang Y,Wang C,Su W,Jiang Z,He H,Gong T,Kai L,Xu H,Wang Y,Lu Z

Flavones interact with fiber to affect fecal bacterial communities in vitro.

Food chemistry , Volume: 404 Issue: Pt B 2023 Mar 15

Authors Loo YT,Howell K,Suleria H,Zhang P,Liu S,Ng K

Cedrol from ginger alleviates rheumatoid arthritis through dynamic regulation of intestinal microenvironment.

Food & function , Volume: 13 Issue: 22 2022 Nov 14

Authors Zhang Y,Liu Y,Peng F,Wei X,Hao H,Li W,Zhao Y

Curcumin alleviates LPS-induced intestinal homeostatic imbalance through reshaping gut microbiota structure and regulating group 3 innate lymphoid cells in chickens.

Food & function , Volume: 13 Issue: 22 2022 Nov 14

Authors Ruan D,Wu S,Fouad AM,Zhu Y,Huang W,Chen Z,Gou Z,Wang Y,Han Y,Yan S,Zheng C,Jiang S

Influence of Flax Seeds on the Gut Microbiota of Elderly Patients with Constipation.

Journal of multidisciplinary healthcare , Volume: 15 2022

Authors Ma J,Sun J,Bai H,Ma H,Wang K,Wang J,Yu X,Pan Y,Yao J

Baseline gut microbial profiles are associated with the efficacy of Bacillus subtilis and Enterococcus faecium in IBS-D.

Scandinavian journal of gastroenterology , Volume: 58 Issue: 4 2023 Apr

Authors Hong G,Li Y,Yang M,Li G,Jin Y,Xiong H,Qian W,Hou X

Effect of fruit intake on functional constipation: A systematic review and meta-analysis of randomized and crossover studies.

Frontiers in nutrition , Volume: 9 2022

Authors Huo J,Wu L,Lv J,Cao H,Gao Q

Effects of iron deficiency and iron supplementation at the host-microbiota interface: Could a piglet model unravel complexities of the underlying mechanisms?

Frontiers in nutrition , Volume: 9 2022

Authors Abbas M,Hayirli Z,Drakesmith H,Andrews SC,Lewis MC

Lactobacillus delbrueckii might lower serum triglyceride levels via colonic microbiota modulation and SCFA-mediated fat metabolism in parenteral tissues of growing-finishing pigs.

Frontiers in veterinary science , Volume: 9 2022

Authors Hou G,Yin J,Wei L,Li R,Peng W,Yuan Y,Huang X,Yin Y

Differential regulation and preventive mechanisms of green tea powder with different quality attributes on high-fat diet-induced obesity in mice.

Frontiers in nutrition , Volume: 9 2022

Authors Wang J,Dong L,Hu JQ,Wang YY,Li A,Peng B,Zhang BW,Liu JM,Wang S

[Curcumin encapsulation in self-assembled nanoparticles based on amphiphilic palmitic acid-grafted-quaternized chitosan with enhanced cytotoxic, antimicrobial and antioxidant properties.](#)

International journal of biological macromolecules , Volume: 222 Issue: Pt B 2022 Dec 1

Authors Xie Y,Gong X,Jin Z,Xu W,Zhao K

[Treadmill Exercise Modulates Intestinal Microbes and Suppresses LPS Displacement to Alleviate Neuroinflammation in the Brains of APP/PS1 Mice.](#)

Nutrients , Volume: 14 Issue: 19 2022 Oct 5

Authors Yuan S,Yang J,Jian Y,Lei Y,Yao S,Hu Z,Liu X,Tang C,Liu W

[The effects of peppermint \(*Mentha piperita* L.\) and chicory \(*Cichorium intybus* L.\) in comparison with a prebiotic on productive performance, blood constituents, immunity and intestinal microflora in broiler chickens.](#)

Animal biotechnology , Volume: 34 Issue: 7 2023 Dec

Authors Tufarelli V,Ghavami N,Nosrati M,Rasouli B,Kadim IT,Suárez Ramírez L,Gorlov I,Slozhenkina M,Mosolov A,Seidavi A,Ayasan T,Laudadio V

[\[Bifidobacterium bifidum TMC3115 Promotes Early Life Intestinal Microbiota Building to Alleviate Symptoms of Inflammatory Bowel Disease\].](#)

Sichuan da xue xue bao. Yi xue ban = Journal of Sichuan University. Medical science edition , Volume: 53 Issue: 5 2022 Sep

Authors Peng CR,Wang YM,Wang SL,Wu SM,Li JX,Cheng RY,He F,Shen X

[Swimming exercise ameliorates depressive-like behavior by anti-inflammation activity, rebalancing gut Escherichia coli and Lactobacilli.](#)

Brain research , Volume: 1797 2022 Dec 15

Authors Ding Z,Du L

[Resveratrol modulates the gut microbiota of cholestasis in pregnant rats.](#)

Journal of physiology and pharmacology : an official journal of the Polish Physiological Society , Volume: 73 Issue: 2 2022 Apr

Authors Li Z,Lei L,Ling L,Liu Y,Xiong Z,Shao Y

[Synbiotic microencapsulation of Enterococcus faecium Rp1: a potential probiotic isolated from ragi porridge with antiproliferative property against colon carcinoma cell line.](#)

Journal of food science and technology , Volume: 59 Issue: 10 2022 Oct

Authors Ashwanandhini G,Reshma R,Preetha R

[Alginate hydrogel with enhanced curcumin release through HPβCD assisted host-guest interaction.](#)

Biomaterials advances , Volume: 141 2022 Oct

Authors Mohammadi A,Sahabi M,Beigi-Boroujeni S,Abdolvand H,Makvandi P,Pournaghshband Isfahani A,Gharibi R,Ebrahimibagha M

[Brazilian green propolis improves gut microbiota dysbiosis and protects against sarcopenic obesity.](#)

Journal of cachexia, sarcopenia and muscle , Volume: 13 Issue: 6 2022 Dec

Authors Okamura T,Hamaguchi M,Bamba R,Nakajima H,Yoshimura Y,Kimura T,Hashimoto Y,Majima S,Senmaru T,Ushigome E,Nakanishi N,Asano M,Yamazaki M,Nishimoto Y,Yamada T,Fujikura C,Asama T,Okumura N,Takakuwa H,Sasano R,Fukui M

[Supplemental Clostridium butyricum MIYAIRI 588 Affects Intestinal Bacterial Composition of Finishing Pigs.](#)

Microbes and environments , Volume: 37 Issue: 3 2022

Authors Hirata M,Matsuoka M,Hashimoto T,Oura T,Ohnuki Y,Yoshida C,Minemura A,Miura D,Oka K,Takahashi M,Morimatsu F

[Effect and Mechanism of Pharmaceutical Excipients on Berberine to Alleviate Ulcerative Colitis via Regulating Gut Microbiota.](#)

Molecules (Basel, Switzerland) , Volume: 27 Issue: 18 2022 Sep 15

Authors Wu C,Zheng T,Chen H,Zou P,Zhang M,Wang J,Li N,Zhang Y,Li Y,Dong Z

[Antibacterial and Anti-Inflammatory Activities of Thymus vulgaris Essential Oil Nanoemulsion on Acne Vulgaris.](#)

Microorganisms , Volume: 10 Issue: 9 2022 Sep 19

Authors Abdelhamed FM,Abdeltawab NF,ElRakaiby MT,Shamma RN,Moneib NA

[Lactobacillus plantarum ST-III modulates abnormal behavior and gut microbiota in a mouse model of autism spectrum disorder.](#)

Physiology & behavior , Volume: 257 2022 Dec 1

Authors Guo M,Li R,Wang Y,Ma S,Zhang Y,Li S,Zhang H,Liu Z,You C,Zheng H

[Thymol screening, phenolic contents, antioxidant and antibacterial activities of Iranian populations of Trachyspermum ammi \(L.\) Sprague \(Apiaceae\).](#)

Scientific reports , Volume: 12 Issue: 1 2022 Sep 19

Authors Modareskia M,Fattahi M,Mirjalili MH

Synthesis, spectroscopic characterization, density functional theory study, antimicrobial and antioxidant activities of curcumin and alanine-curcumin Schiff base.

Journal of biomolecular structure & dynamics , Volume: 41 Issue: 16 2023 Sep-Oct

Authors Layaida H,Hellal A,Chafai N,Haddadi I,Imene K,Anis B,Mouna E,Bensouici C,Sobhi W,Attoui A,Lilia A

Gut Microbes Are Associated with the Vascular Beneficial Effects of Dietary Strawberry on Metabolic Syndrome-Induced Vascular Inflammation.

Molecular nutrition & food research , Volume: 66 Issue: 22 2022 Nov

Authors Miller JC,Satheesh Babu AK,Petersen C,Wankhade UD,Robeson MS 2nd,Putich MN,Mueller JE,O'Farrell AS,Cho JM,Chintapalli SV,Jalili T,Symons JD,Anandh Babu PV

Antagonistic, synergistic, and additive antibacterial interaction between ciprofloxacin and amoxicillin against Staphylococcus aureus.

Fundamental & clinical pharmacology , Volume: 37 Issue: 1 2023 Feb

Authors Gómez-Sánchez E,Franco-de la Torre L,Hernández-Gómez A,Alonso-Castro AJ,Serafín-Higuera N,Terán-Rosales F,Bologna-Molina RE,Isiordia-Espinoza MA

Effect of aqueous and organic solvent extraction on in-vitro antimicrobial activity of two varieties of fresh ginger (Zingiber officinale) and garlic (Allium sativum).

Heliyon , Volume: 8 Issue: 9 2022 Sep

Authors Akullo JO,Kiagi B,Nakimbugwe D,Kinyuru J

Formation of cinnamon essential oil/xanthan gum/chitosan composite microcapsules basing on Pickering emulsions.

Colloid and polymer science , Volume: 300 Issue: 10 2022

Authors Li X,Gao Y,Li Y,Li Y,Liu H,Yang Z,Wu H,Hu Y

Effect of dietary resveratrol supplementation on growth performance, antioxidant capacity, intestinal immunity and gut microbiota in yellow-feathered broilers challenged with lipopolysaccharide.

Frontiers in microbiology , Volume: 13 2022

Authors He Z,Li Y,Xiong T,Nie X,Zhang H,Zhu C

Intermittent fasting positively modulates human gut microbial diversity and ameliorates blood lipid profile.

Frontiers in microbiology , Volume: 13 2022

Authors Khan MN,Khan SI,Rana MI,Ayyaz A,Khan MY,Imran M

Intermittent fasting positively modulates human gut microbial diversity and ameliorates blood lipid profile.

Frontiers in microbiology , Volume: 13 2022

Authors Khan MN,Khan SI,Rana MI,Ayyaz A,Khan MY,Imran M

Comparing the Effects of Concord Grape (Vitis labrusca L.) Puree, Juice, and Pomace on Intestinal Morphology, Functionality, and Bacterial Populations In Vivo (Gallus gallus).

Nutrients , Volume: 14 Issue: 17 2022 Aug 27

Authors Agarwal N,Shukla V,Kolba N,Jackson C,Cheng J,Padilla-Zakour OI,Tako E

Gut Microbiota Changes by an SGLT2 Inhibitor, Luseogliflozin, Alters Metabolites Compared with Those in a Low Carbohydrate Diet in db/db Mice.

Nutrients , Volume: 14 Issue: 17 2022 Aug 27

Authors Hata S,Okamura T,Kobayashi A,Bamba R,Miyoshi T,Nakajima H,Kitagawa N,Hashimoto Y,Majima S,Senmaru T,Okada H,Ushigome E,Nakanishi N,Takakuwa H,Sasano R,Hamaguchi M,Fukui M

Impact of Clarified Apple Juices with Different Processing Methods on Gut Microbiota and Metabolomics of Rats.

Nutrients , Volume: 14 Issue: 17 2022 Aug 25

Authors Xu L,Yang S,Wang K,Lu A,Wang X,Xu Z

Green tea extract alters gut microbiota and their metabolism of adults with metabolic syndrome in a host-free human colonic model.

Food research international (Ottawa, Ont.) , Volume: 160 2022 Oct

Authors Zhang S,Xu M,Sun X,Shi H,Zhu J

[Protective effect and mechanism of Bifidobacterium bifidum TMC3115 on long-term colitis in mice which exposed to antibiotic in early life].

Wei sheng yan jiu = Journal of hygiene research , Volume: 51 Issue: 4 2022 Jul

Authors Wang S,Peng C,Li J,Cheng R,He F,Yang L,Lu J,Shen X

Milk fat globule membrane supplementation to obese rats during pregnancy and lactation promotes neurodevelopment in offspring via modulating gut microbiota.

Frontiers in nutrition , Volume: 9 2022

Authors Yuan Q,Gong H,Du M,Li T,Mao X

Associating changes in the bacterial community of rumen and faeces and milk fatty acid profiles in dairy cows fed high-starch or starch and oil-supplemented diets.

The Journal of dairy research , 2022 Aug 30

Authors Popova M,Ferlay A,Bougouin A,Eugène M,Martin C,Morgavi DP

Gastrointestinal health: changes of intestinal mucosa and microbiota in patients with ulcerative colitis and irritable bowel syndrome from PM(2.5)-polluted regions of Ukraine.

Environmental science and pollution research international , Volume: 30 Issue: 3 2023 Jan

Authors Dorofeyev A,Dorofeyeva A,Borysov A,Tolstanova G,Borisova T

Curcumin-driven reprogramming of the gut microbiota and metabolome ameliorates motor deficits and neuroinflammation in a mouse model of Parkinson's disease.

Frontiers in cellular and infection microbiology , Volume: 12 2022

Authors Cui C,Han Y,Li H,Yu H,Zhang B,Li G

Eugenol, A Major Component of Clove Oil, Attenuates Adiposity, and Modulates Gut Microbiota in High-Fat Diet-Fed Mice.

Molecular nutrition & food research , Volume: 66 Issue: 20 2022 Oct

Authors Li M,Zhao Y,Wang Y,Geng R,Fang J,Kang SG,Huang K,Tong T

Different effects of Bacillus coagulans vegetative cells and spore isolates on constipation-induced gut microbiota dysbiosis in mice.

Food & function , Volume: 13 Issue: 18 2022 Sep 22

Authors Li L,Liu B,Cao J,Zhang H,Tian F,Yu L,Chen W,Zhai Q

Fabrication and Optimization of Essential-Oil-Loaded Nanoemulsion Using Box-Behnken Design against Staphylococcus aureus and Staphylococcus epidermidis Isolated from Oral Cavity.

Pharmaceutics , Volume: 14 Issue: 8 2022 Aug 5

Authors Ullah N,Amin A,Alamoudi RA,Rasheed SA,Alamoudi RA,Nawaz A,Raza M,Nawaz T,Ishtiaq S,Abbas SS

Regulation of a High-Iron Diet on Lipid Metabolism and Gut Microbiota in Mice.

Animals : an open access journal from MDPI , Volume: 12 Issue: 16 2022 Aug 13

Authors Xiong Q,Zhao J,Tian C,Ma W,Miao L,Liang L,Zhang K,Du H

Postnatal exposure to ambient air pollutants is associated with the composition of the infant gut microbiota at 6-months of age.

Gut microbes , Volume: 14 Issue: 1 2022 Jan-Dec

Authors Bailey MJ,Holzhausen EA,Morgan ZEM,Naik N,Shaffer JP,Liang D,Chang HH,Sarnat J,Sun S,Berger PK,Schmidt KA,Lurmann F,Goran MI,Alderete TL

Effect of Intensity and Duration of Exercise on Gut Microbiota in Humans: A Systematic Review.

International journal of environmental research and public health , Volume: 19 Issue: 15 2022 Aug 3

Authors Bonomini-Gnutzmann R,Plaza-Díaz J,Jorquera-Aguilera C,Rodríguez-Rodríguez A,Rodríguez-Rodríguez F

Nutritionally rich biochemical profile in essential oil of various Mentha species and their antimicrobial activities.

Protoplasma , Volume: 260 Issue: 2 2023 Mar

Authors Fazal H,Akram M,Ahmad N,Qaisar M,Kanwal F,Rehman G,Ullah I

Early life administration of Bifidobacterium bifidum BD-1 alleviates long-term colitis by remodeling the gut microbiota and promoting intestinal barrier development.

Frontiers in microbiology , Volume: 13 2022

Authors Peng C,Li J,Miao Z,Wang Y,Wu S,Wang Y,Wang S,Cheng R,He F,Shen X

On the effect of flavonoids and dietary fibre in lingonberries on atherosclerotic plaques, lipid profiles and gut microbiota composition in Apoe(-/-) mice.

International journal of food sciences and nutrition , Volume: 73 Issue: 8 2022 Dec

Authors Liu J,Hefni ME,Witthöft CM,Bergström M,Burleigh S,Nyman M,Hållenius F

Consumption of Wheat Peptides Improves Functional Constipation: A Translational Study in Humans and Mice.

Molecular nutrition & food research , Volume: 66 Issue: 19 2022 Oct

Authors Wang Q,Shen F,Zhang J,Cai H,Pan Y,Sun T,Gong Y,Du J,Zhong H,Feng F

Oregano Essential Oils Mediated Intestinal Microbiota and Metabolites and Improved Growth Performance and Intestinal Barrier Function in Sheep.

Frontiers in immunology , Volume: 13 2022

Authors Jia L,Wu J,Lei Y,Kong F,Zhang R,Sun J,Wang L,Li Z,Shi J,Wang Y,Wei Y,Zhang K,Lei Z

Bacillus coagulans in Combination with Chitooligosaccharides Regulates Gut Microbiota and Ameliorates the DSS-Induced Colitis in Mice.

Microbiology spectrum , Volume: 10 Issue: 4 2022 Aug 31

Authors Liu Z,Jiang Z,Zhang Z,Liu T,Fan Y,Liu T,Peng N

Dietary Goji Shapes the Gut Microbiota to Prevent the Liver Injury Induced by Acute Alcohol Intake.

Frontiers in nutrition , Volume: 9 2022

Authors Guo L,Guan Q,Duan W,Ren Y,Zhang XJ,Xu HY,Shi JS,Wang FZ,Lu R,Zhang HL,Xu ZH,Li H,Geng Y

Kaempferia parviflora Rhizome Extract as Potential Anti-Acne Ingredient.

Molecules (Basel, Switzerland) , Volume: 27 Issue: 14 2022 Jul 8

Authors *Sitthichai P,Chanpirom S,Maneerat T,Charoensup R,Tree-Udom T,Pintathong P,Laphookhieo S,Sripisut T*
Antimicrobial Activity of Essential Oils Evaluated In Vitro against Escherichia coli and Staphylococcus aureus.

Antibiotics (Basel, Switzerland) , Volume: 11 Issue: 7 2022 Jul 20

Authors *Galgano M,Capozza P,Pellegrini F,Cordisco M,Sposato A,Sblano S,Camero M,Lanave G,Fracchiolla G,Corrente M,Cirone F,Trotta A,Tempesta M,Buonavoglia D,Pratelli A*

Berberubine, a Main Metabolite of Berberine, Alleviates Non-Alcoholic Fatty Liver Disease via Modulating Glucose and Lipid Metabolism and Restoring Gut Microbiota.

Frontiers in pharmacology , Volume: 13 2022

Authors *Yang S,Cao S,Li C,Zhang J,Liu C,Qiu F,Kang N*

Lactobacillus plantarum Alleviates Obesity by Altering the Composition of the Gut Microbiota in High-Fat Diet-Fed Mice.

Frontiers in nutrition , Volume: 9 2022

Authors *Ma Y,Fei Y,Han X,Liu G,Fang J*

Liver Transcriptome and Gut Microbiome Analysis Reveals the Effects of High Fructose Corn Syrup in Mice.

Frontiers in nutrition , Volume: 9 2022

Authors *Shen Y,Sun Y,Wang X,Xiao Y,Ma L,Lyu W,Zheng Z,Wang W,Li J*

Alteration of gut microbiota in high-fat diet-induced obese mice using carnosic acid from rosemary.

Food science & nutrition , Volume: 10 Issue: 7 2022 Jul

Authors *He X,Zhang M,Li ST,Li X,Huang Q,Zhang K,Zheng X,Xu XT,Zhao DG,Ma YY*

Effect of voluntary wheel running on gut microbiota composition in developing mice.

Nutricion hospitalaria , Volume: 39 Issue: 4 2022 Aug 25

Authors *Wan C,Liu ZB,Tan H,Zhang Z,Zhou Q,Yao LH,Meng W,Wang S*

Discovery of Quercetin and Its Analogs as Potent OXA-48 Beta-Lactamase Inhibitors.

Frontiers in pharmacology , Volume: 13 2022

Authors *Zhang Y,Chen C,Cheng B,Gao L,Qin C,Zhang L,Zhang X,Wang J,Wan Y*

Dietary Eugenol Nanoemulsion Potentiated Performance of Broiler Chickens: Orchestration of Digestive Enzymes, Intestinal Barrier Functions and Cytokines Related Gene Expression With a Consequence of Attenuating the Severity of E. coli O78 Infection.

Frontiers in veterinary science , Volume: 9 2022

Authors *Ibrahim D,Eldemery F,Metwally AS,Abd-Allah EM,Mohamed DT,Ismail TA,Hamed TA,Al Sadik GM,Neamat-Allah ANF,Abd El-Hamid MI*

16S rRNA gene sequencing reveals an altered composition of gut microbiota in children with Mycoplasma pneumoniae pneumonia treated with azithromycin.

The Journal of general and applied microbiology , Volume: 68 Issue: 6 2023 Mar 6

Authors *Deng Q,Wang Z,Wu P,Liang H,Wu H,Zhang L,Ying J*

Identification of Nordic Berries with Beneficial Effects on Cognitive Outcomes and Gut Microbiota in High-Fat-Fed Middle-Aged C57BL/6J Mice.

Nutrients , Volume: 14 Issue: 13 2022 Jun 30

Authors *Huang F,Marungruang N,Kostiuchenko O,Kravchenko N,Burleigh S,Prykhodko O,Hållénus FF,Heyman-Lindén L*

The Effects of Time-Restricted Eating on Metabolism and Gut Microbiota: A Real-Life Study.

Nutrients , Volume: 14 Issue: 13 2022 Jun 21

Authors *Ferrocino I,Pellegrini M,D'Eusebio C,Goitre I,Ponzo V,Fadda M,Rosato R,Mengozzi G,Beccuti G,Merlo FD,Rahimi F,Comazzi I,Cocolin L,Ghigo E,Bo S*

Binary Synergistic Combinations of Lavender and Fennel Essential Oils with Amoxicillin.

Planta medica , Volume: 89 Issue: 8 2023 Jul

Authors *Karadag AE,Çaskurlu A,Demirci B,Demirci F*

Hepatoprotective effect of curcumin against bisphenol A-induced hepatic steatosis via modulating gut microbiota dysbiosis and related gut-liver axis activation in CD-1 mice.

The Journal of nutritional biochemistry , Volume: 109 2022 Nov

Authors *Hong T,Jiang X,Zou J,Yang J,Zhang H,Mai H,Ling W,Feng D*

Fermented milk of cheese-derived Lactobacillus delbrueckii subsp. bulgaricus displays potentials in alleviating alcohol-induced hepatic injury and gut dysbiosis in mice.

Food research international (Ottawa, Ont.) , Volume: 157 2022 Jul

Authors *Liu M,Liu M,Yang S,Shen C,Wang X,Liu W,Guo Y*

Efficacy of Amikacin and Meropenem on Colistin-Induced Klebsiella pneumoniae Persists.

Microbial drug resistance (Larchmont, N.Y.) , Volume: 28 Issue: 7 2022 Jul

Authors *Vatansever C,Ozer B,Atac N,Guler OU,Kilicoglu BK,Berkkan M,Baskurt D,Sever E,Dogan O,Can F*

Regulatory Effect of Lactiplantibacillus plantarum 2-33 on Intestinal Microbiota of Mice With Antibiotic-Associated Diarrhea.

Frontiers in nutrition , Volume: 9 2022

Authors Bao W,He Y,Yu J,Liu M,Yang X,Ta N,Zhang E,Liang C

In-Vitro Antibacterial Activity of Curcumin-Loaded Nanofibers Based on Hyaluronic Acid against Multidrug-Resistant ESKAPE Pathogens.

Pharmaceutics , Volume: 14 Issue: 6 2022 May 31

Authors Snetkov P,Rogacheva E,Kremleva A,Morozkina S,Uspenskaya M,Kraeva L

Effects of Lactobacillus curvatus HY7601 and Lactobacillus plantarum KY1032 on Overweight and the Gut Microbiota in Humans: Randomized, Double-Blinded, Placebo-Controlled Clinical Trial.

Nutrients , Volume: 14 Issue: 12 2022 Jun 15

Authors Mo SJ, Lee K, Hong HJ, Hong DK, Jung SH, Park SD, Shim JJ, Lee JL

Antioxidative, Antibacterial and Antiproliferative Properties of Honey Types from the Western Balkans.

Antioxidants (Basel, Switzerland) , Volume: 11 Issue: 6 2022 Jun 6

Authors Sakac M, Jovanov P, Maric A, Cetojevic-Simin D, Novakovic A, Plavšić D, Škrobot D, Kovac R

Comparative Palynological, Physicochemical, Antioxidant and Antibacterial Properties of Romanian Honey Varieties for Biomedical Applications.

Chemistry & biodiversity , Volume: 19 Issue: 8 2022 Aug

Authors Iosageanu A, Mihai E, Prelipcean AM, Anton RE, Utoiu E, Oancea A, Craciunescu O, Cimpean A

Lactobacillus plantarum FRT4 alleviated obesity by modulating gut microbiota and liver metabolome in high-fat diet-induced obese mice.

Food & nutrition research , Volume: 66 2022

Authors Cai H, Wen Z, Zhao L, Yu D, Meng K, Yang P

Effect of dietary Bacillus coagulans on the performance and intestinal microbiota of weaned piglets.

Animal : an international journal of animal bioscience , Volume: 16 Issue: 7 2022 Jul

Authors Sun T, Miao H, Zhang C, Wang Y, Liu S, Jiao P, Li W, Li Y, Huang Z

Saccharomyces boulardii, a yeast probiotic, inhibits gut motility through upregulating intestinal serotonin transporter and modulating gut microbiota.

Pharmacological research , Volume: 181 2022 Jul

Authors Gu Y, Wang C, Qin X, Zhou B, Liu X, Liu T, Xie R, Liu J, Wang B, Cao H

Chemical Profile, Antibacterial and Antioxidant Potential of Zingiber officinale Roscoe and Elettaria cardamomum (L.) Maton Essential Oils and Extracts.

Plants (Basel, Switzerland) , Volume: 11 Issue: 11 2022 May 31

Authors Tarfaoui K, Brhadda N, Ziri R, Oubihi A, Imtara H, Haida S, Al Kamaly OM, Saleh A, Parvez MK, Fettach S, Ouhssine M

Beneficial Effects of Linseed Supplementation on Gut Mucosa-Associated Microbiota in a Physically Active Mouse Model of Crohn's Disease.

International journal of molecular sciences , Volume: 23 Issue: 11 2022 May 24

Authors Plissonneau C, Sivignon A, Chassaing B, Capel F, Martin V, Etienne M, Wawrzyniak I, Chausse P, Dutheil F, Mairesse G, Chesneau G, Boisseau N, Barnich N

In vitro Intervention of Lactobacillus paracasei N1115 Can Alter Fecal Microbiota and Their SCFAs Metabolism of Pregnant Women with Constipation and Diarrhea.

Current microbiology , Volume: 79 Issue: 7 2022 Jun 7

Authors Dang C, Zhao K, Xun Y, Feng L, Zhang D, Cui L, Cui Y, Jia X, Wang S

Miya Improves Osteoarthritis Characteristics via the Gut-Muscle-Joint Axis According to Multi-Omics Analyses.

Frontiers in pharmacology , Volume: 13 2022

Authors Xu T, Yang D, Liu K, Gao Q, Liu Z, Li G

The Probiotic Lactobacillus paracasei Ameliorates Diarrhea Cause by Escherichia coli O(8) via Gut Microbiota Modulation(1).

Frontiers in nutrition , Volume: 9 2022

Authors Ren S, Wang C, Chen A, Lv W, Gao R

Zingiber officinale and Panax ginseng ameliorate ulcerative colitis in mice via modulating gut microbiota and its metabolites.

Journal of chromatography. B, Analytical technologies in the biomedical and life sciences , Volume: 1203 2022 Jul 1

Authors Wan Y, Yang L, Li H, Ren H, Zhu K, Dong Z, Jiang S, Shang E, Qian D, Duan J

Synergy of Dietary Quercetin and Vitamin E Improves Cecal Microbiota and Its Metabolite Profile in Aged Breeder Hens.

Frontiers in microbiology , Volume: 13 2022

Authors Amevor FK, Cui Z, Du X, Feng J, Shu G, Ning Z, Xu D, Deng X, Song W, Wu Y, Cao X, Wei S, He J, Kong F, Du X, Tian Y, Karikari B, Li D, Wang Y, Zhang Y, Zhu Q, Zhao X

Non-starch polysaccharide-degrading enzymes may improve performance when included in wheat- but not maize-based diets fed to broiler chickens under subclinical necrotic enteritis challenge.

Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 10 2022 Sep

Authors Kim E,Moss AF,Morgan NK,Gharib-Naseri K,Ader P,Choct M

Combination of Houttuynia cordata polysaccharide and Lactiplantibacillus plantarum P101 alleviates acute liver injury by regulating gut microbiota in mice.

Journal of the science of food and agriculture , Volume: 102 Issue: 15 2022 Dec

Authors Xu X,Liu S,Zhao Y,Wang M,Hu L,Li W,Xu H

Quercetin Reduces Inflammation and Protects Gut Microbiota in Broilers.

Molecules (Basel, Switzerland) , Volume: 27 Issue: 10 2022 May 19

Authors Sun L,Guo L,Xu G,Li Z,Appiah MO,Yang L,Lu W

Curcumin Supplementation Ameliorates Bile Cholesterol Supersaturation in Hamsters by Modulating Gut Microbiota and Cholesterol Absorption.

Nutrients , Volume: 14 Issue: 9 2022 Apr 27

Authors Hong T,Zou J,Jiang X,Yang J,Cao Z,He Y,Feng D

Pomegranate juice alters the microbiota in breast milk and infant stool: a pilot study.

Food & function , Volume: 13 Issue: 10 2022 May 23

Authors Henning SM,Yang J,Lee RP,Huang J,Thames G,Korn M,Ben-Nissan D,Heber D,Li Z

Pomegranate peel polyphenols interaction with intestinal flora and its metabolic transformation.

Xenobiotica; the fate of foreign compounds in biological systems , Volume: 52 Issue: 5 2022 May

Authors Shi H,Yang J,Li J

Slowly Digestible Carbohydrate Diet Ameliorates Hyperglycemia and Hyperlipidemia in High-Fat Diet/Streptozocin-Induced Diabetic Mice.

Frontiers in nutrition , Volume: 9 2022

Authors Chen YZ,Gu J,Chuang WT,Du YF,Zhang L,Lu ML,Xu JY,Li HQ,Liu Y,Feng HT,Li YH,Qin LQ

Starch acylation of different short-chain fatty acids and its corresponding influence on gut microbiome and diabetic indexes.

Food chemistry , Volume: 389 2022 Sep 30

Authors Li M,Wang F,Wang J,Wang A,Yao X,Strappe P,Zhou Z,Wu Q,Guo T

Potential Effects of Sucralose and Saccharin on Gut Microbiota: A Review.

Nutrients , Volume: 14 Issue: 8 2022 Apr 18

Authors Del Pozo S,Gómez-Martínez S,Díaz LE,Nova E,Urrialde R,Marcos A

Potential Effects of Sucralose and Saccharin on Gut Microbiota: A Review.

Nutrients , Volume: 14 Issue: 8 2022 Apr 18

Authors Del Pozo S,Gómez-Martínez S,Díaz LE,Nova E,Urrialde R,Marcos A

Lactobacillus casei Improve Anti-Tuberculosis Drugs-Induced Intestinal Adverse Reactions in Rat by Modulating Gut Microbiota and Short-Chain Fatty Acids.

Nutrients , Volume: 14 Issue: 8 2022 Apr 17

Authors Li Y,Zhao L,Hou M,Gao T,Sun J,Luo H,Wang F,Zhong F,Ma A,Cai J

Relandscaping the Gut Microbiota with a Whole Food: Dose-Response Effects to Common Bean.

Foods (Basel, Switzerland) , Volume: 11 Issue: 8 2022 Apr 15

Authors Lutsiv T,McGinley JN,Neil-McDonald ES,Weir TL,Foster MT,Thompson HJ

Comparative Analysis of the Antimicrobial Activity of Essential Oils and Their Formulated Microemulsions against Foodborne Pathogens and Spoilage Bacteria.

Antibiotics (Basel, Switzerland) , Volume: 11 Issue: 4 2022 Mar 25

Authors Campana R,Tiboni M,Maggi F,Cappellacci L,Cianfaglione K,Morshedloo MR,Frangipani E,Casettari L

Dietary Supplementation With Fine-Grinding Wheat Bran Improves Lipid Metabolism and Inflammatory Response via Modulating the Gut Microbiota Structure in Pregnant Sow.

Frontiers in microbiology , Volume: 13 2022

Authors Wang Z,Chen Y,Wang W,Huang C,Hu Y,Johnston L,Wang F

Detection and isolation of typical gut indigenous bacteria in ICR mice fed wheat bran and wheat straw fibre.

Food chemistry. Molecular sciences , Volume: 4 2022 Jul 30

Authors Takei N,Kuda T,Handa N,Fujita S,Takahashi H,Kimura B

Administration of Aspergillus oryzae suppresses DSS-induced colitis.

Food chemistry. Molecular sciences , Volume: 4 2022 Jul 30

Authors Nomura R,Tsuzuki S,Kojima T,Nagasawa M,Sato Y,Uefune M,Baba Y,Hayashi T,Nakano H,Kato M,Shimizu M

Effects of Ramadan and Non-ramadan Intermittent Fasting on Gut Microbiome.

Frontiers in nutrition , Volume: 9 2022

Authors Mousavi SN,Rayyani E,Heshmati J,Tavasolian R,Rahimlou M

Lactobacillus paracasei 24 Attenuates Lipid Accumulation in High-Fat Diet-Induced Obese Mice by Regulating the Gut Microbiota.

Journal of agricultural and food chemistry , Volume: 70 Issue: 15 2022 Apr 20

Authors Liu Z,Zhou X,Wang W,Gu L,Hu C,Sun H,Xu C,Hou J,Jiang Z

Intestinal Mucosal Immunity-Mediated Modulation of the Gut Microbiome by Oral Delivery of Enterococcus faecium Against Salmonella Enteritidis Pathogenesis in a Laying Hen Model.

Frontiers in immunology , Volume: 13 2022

Authors Huang S,Rong X,Liu M,Liang Z,Geng Y,Wang X,Zhang J,Ji C,Zhao L,Ma Q

Green Banana Flour Contributes to Gut Microbiota Recovery and Improves Colonic Barrier Integrity in Mice Following Antibiotic Perturbation.

Frontiers in nutrition , Volume: 9 2022

Authors Li P,Li M,Song Y,Huang X,Wu T,Xu ZZ,Lu H

In vitro evaluation of probiotic properties of lactic acid bacteria isolated from the vagina of yak (Bos grunniens).

PeerJ , Volume: 10 2022

Authors Zhang Q,Pan Y,Wang M,Sun L,Xi Y,Li M,Zeng Q

PW(2.5) induced weight loss of mice through altering the intestinal microenvironment: Mucus barrier, gut microbiota, and metabolic profiling.

Journal of hazardous materials , Volume: 431 2022 Jun 5

Authors Dai S,Wang Z,Yang Y,Du P,Li X

Integrated metagenomics-metabolomics analysis reveals the cecal microbial composition, function, and metabolites of pigs fed diets with different starch sources.

Food research international (Ottawa, Ont.) , Volume: 154 2022 Apr

Authors Yu M,Li Z,Rong T,Tian Z,Deng D,Lu H,Zhang R,Ma X

The Relationship between Physical Activity, Physical Exercise, and Human Gut Microbiota in Healthy and Unhealthy Subjects: A Systematic Review.

Biology , Volume: 11 Issue: 3 2022 Mar 21

Authors Cataldi S,Bonavolontà V,Poli L,Clemente FM,De Candia M,Carvutto R,Silva AF,Badicu G,Greco G,Fischetti F

High-Salt Diet Induces Depletion of Lactic Acid-Producing Bacteria in Murine Gut.

Nutrients , Volume: 14 Issue: 6 2022 Mar 10

Authors Hamad I,Cardilli A,Côrte-Real BF,Dyczko A,Vangronsveld J,Kleinewietfeld M

Berberine ameliorates DSS-induced intestinal mucosal barrier dysfunction through microbiota-dependence and Wnt/ β -catenin pathway.

International journal of biological sciences , Volume: 18 Issue: 4 2022

Authors Dong Y,Fan H,Zhang Z,Jiang F,Li M,Zhou H,Guo W,Zhang Z,Kang Z,Gui Y,Shou Z,Li J,Zhu R,Fu Y,Sarapultsev A,Wang H,Luo S,Zhang G,Hu D

Effect of Probiotic Bifidobacterium bifidum TMC3115 Supplementation on Psychosocial Stress Using a Sub-Chronic and Mild Social Defeat Stress in Mice.

Nutrients , Volume: 14 Issue: 5 2022 Feb 24

Authors Yoda K,Harata G,Sato M,Miyazawa K,Ohsawa N,He F,Toyoda A

Effects of Whole Brown Bean and Its Isolated Fiber Fraction on Plasma Lipid Profile, Atherosclerosis, Gut Microbiota, and Microbiota-Dependent Metabolites in Apoe(-/-) Mice.

Nutrients , Volume: 14 Issue: 5 2022 Feb 22

Authors Liu J,Hefni ME,Witthöft CM,Bergström M,Burleigh S,Nyman M,Hållénus F

Biocomposites of Silk-Elastin and Essential Oil from Mentha piperita Display Antibacterial Activity.

ACS omega , Volume: 7 Issue: 8 2022 Mar 1

Authors Gomes DS,da Costa A,Pereira AM,Casal M,Machado R

Mediating effects of gut microbiota in the associations of air pollutants exposure with adverse pregnancy outcomes.

Ecotoxicology and environmental safety , Volume: 234 2022 Apr 1

Authors Gan Q,Ye W,Zhao X,Teng Y,Mei S,Long Y,Ma J,Rehemtulla R,Zhang X,Zeng F,Jin H,Liu F,Huang Y,Gao X,Zhu C

Evaluating the effects of a standardized polyphenol mixture extracted from poplar-type propolis on healthy and diseased human gut microbiota.

Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 148 2022 Apr

Authors Garzarella EU,Navajas-Porras B,Pérez-Burillo S,Ullah H,Esposito C,Santarcangelo C,Hinojosa-Nogueira D,Pastoriza S,Zaccaria V,Xiao J,Rufián-Henares JÁ,Daglia M

Evaluation of a Zingiber officinale and Bixa orellana Supplement on the Gut Microbiota of Male Athletes: A Randomized Placebo-Controlled Trial.

Planta medica , Volume: 88 Issue: 13 2022 Oct

Authors Domínguez-Balmaseda D,Bressa C,Fernández-Romero A,de Lucas B,Pérez-Ruiz M,San Juan AF,Roller M,Issaly N,Larrosa M

Effects of Live Combined Bacillus subtilis and Enterococcus faecium on Gut Microbiota Composition in C57BL/6 Mice and in Humans.

Frontiers in cellular and infection microbiology , Volume: 12 2022

Authors Pi X,Teng W,Fei D,Zhao G,Liu W

[Pre-Administration of Berberine Exerts Chemopreventive Effects in AOM/DSS-Induced Colitis-Associated Carcinogenesis Mice via Modulating Inflammation and Intestinal Microbiota.](#)**Nutrients , Volume: 14 Issue: 4 2022 Feb 9**

Authors Deng J,Zhao L,Yuan X,Li Y,Shi J,Zhang H,Zhao Y,Han L,Wang H,Yan Y,Zhao H,Wang H,Zou F

[Could Dietary Supplementation with Different Sources of N-3 Polyunsaturated Fatty Acids Modify the Rabbit Gut Microbiota?](#)**Antibiotics (Basel, Switzerland) , Volume: 11 Issue: 2 2022 Feb 10**

Authors Curone G,Biscarini F,Cotozzolo E,Menchetti L,Dal Bosco A,Riva F,Cremonesi P,Agradi S,Mattioli S,Castiglioni B,Di Giancamillo A,Carloni Mancinelli A,Draghi S,Quattrone A,Collodel G,Modina SC,Castellini C,Brecchia G

[Cigarette Smoking and Human Gut Microbiota in Healthy Adults: A Systematic Review.](#)**Biomedicines , Volume: 10 Issue: 2 2022 Feb 21**

Authors Antinozzi M,Giffi M,Sini N,Gallè F,Valeriani F,De Vito C,Liguori G,Romano Spica V,Cattaruzza MS

[Correlation between the regulation of intestinal bacteriophages by green tea polyphenols and the flora diversity in SPF mice.](#)**Food & function , Volume: 13 Issue: 5 2022 Mar 7**

Authors Dong S,Xin Z,He W,Zhang Y,Xiong J,Wang J,Liao Z,Wang L,Zhong Q,Wei H,Fang X

[Response of Milk Performance, Rumen and Hindgut Microbiome to Dietary Supplementation with Aspergillus oryzae Fermentation Extracts in Dairy Cows.](#)**Current microbiology , Volume: 79 Issue: 4 2022 Feb 20**

Authors Zhang J,Jin W,Jiang Y,Xie F,Mao S

[Exposure to concentrated ambient PM\(2.5\) \(CAPM\) induces intestinal disturbance via inflammation and alternation of gut microbiome.](#)**Environment international , Volume: 161 2022 Mar**

Authors Xie S,Zhang C,Zhao J,Li D,Chen J

[Curcumin Alleviates Dextran Sulfate Sodium-Induced Colitis in Mice Through Regulating Gut Microbiota.](#)**Molecular nutrition & food research , Volume: 66 Issue: 8 2022 Apr**

Authors Guo X,Xu Y,Geng R,Qiu J,He X

[Substitution of Refined Conventional Wheat Flour with Wheat High in Resistant Starch Modulates the Intestinal Microbiota and Fecal Metabolites in Healthy Adults: A Randomized, Controlled Trial.](#)**The Journal of nutrition , 2022 Jan 31**

Authors Gondalia SV,Wymond B,Benassi-Evans B,Berbezy P,Bird AR,Belobrajdic DP

[Gallic Acid Alleviates Gut Dysfunction and Boosts Immune and Antioxidant Activities in Puppies Under Environmental Stress Based on Microbiome-Metabolomics Analysis.](#)**Frontiers in immunology , Volume: 12 2021**

Authors Yang K,Deng X,Jian S,Zhang M,Wen C,Xin Z,Zhang L,Tong A,Ye S,Liao P,Xiao Z,He S,Zhang F,Deng J,Zhang L,Deng B

[Bifidobacterium animalis subsp. lactis BB-12 Has Effect Against Obesity by Regulating Gut Microbiota in Two Phases in Human Microbiota-Associated Rats.](#)**Frontiers in nutrition , Volume: 8 2021**

Authors Mao K,Gao J,Wang X,Li X,Geng S,Zhang T,Sadiq FA,Sang Y

[Analysis of the Effects of Food Additives on Porphyromonas gingivalis.](#)**Pathogens (Basel, Switzerland) , Volume: 11 Issue: 1 2022 Jan 4**

Authors Shinohara M,Maetani M,Kitada C,Nishigami Y,Yazawa A,Kamitani S

[Bifidobacterium bifidum Shows More Diversified Ways of Relieving Non-Alcoholic Fatty Liver Compared with Bifidobacterium adolescentis.](#)**Biomedicines , Volume: 10 Issue: 1 2021 Dec 31**

Authors Wang L,Jiao T,Yu Q,Wang J,Wang L,Wang G,Zhang H,Zhao J,Chen W

[Oligosaccharide and Flavanoid Mediated Prebiotic Interventions to Treat Gut Dysbiosis Associated Cognitive Decline.](#)**Journal of neuroimmune pharmacology : the official journal of the Society on NeuroImmune Pharmacology , Volume: 17 Issue: 1-2 2022 Jun**

Authors Sarkar SR,Mazumder PM,Banerjee S

[Dietary Supplementation with Goji Berries \(Lycium barbarum\) Modulates the Microbiota of Digestive Tract and Caecal Metabolites in Rabbits.](#)**Animals : an open access journal from MDPI , Volume: 12 Issue: 1 2022 Jan 5**

Authors Cremonesi P,Curone G,Biscarini F,Cotozzolo E,Menchetti L,Riva F,Marongiu ML,Castiglioni B,Barbato O,Munga A,Castrica M,Vigo D,Sulce M,Quattrone A,Agradi S,Brecchia G

[Curcumin Supplementation \(Meriva®\) Modulates Inflammation, Lipid Peroxidation and Gut Microbiota Composition in Chronic Kidney Disease.](#)**Nutrients , Volume: 14 Issue: 1 2022 Jan 5**

Authors Pivari F,Mingione A,Piazzini G,Ceccarani C,Ottaviano E,Brasacchio C,Dei Cas M,Vischi M,Cozzolino MG,Fogagnolo P,Riva A,Petrangolini G,Barrea L,Di Renzo L,Borghi E,Signorelli P,Paroni R,Soldati L

Dietary Supplementation with Vitamin D, Fish Oil or Resveratrol Modulates the Gut Microbiome in Inflammatory Bowel Disease.

International journal of molecular sciences , Volume: 23 Issue: 1 2021 Dec 24

Authors Wellington VNA,Sundaram VL,Singh S,Sundaram U

Berberine ameliorates aGVHD by gut microbiota remodelling, TLR4 signalling suppression and colonic barrier repairment for NLRP3 inflammasome inhibition.

Journal of cellular and molecular medicine , Volume: 26 Issue: 4 2022 Feb

Authors Zhao Y,Huang J,Li T,Zhang S,Wen C,Wang L

Effects of Berberine on Gut Microbiota in Patients with Mild Metabolic Disorders Induced by Olanzapine.

The American journal of Chinese medicine , Volume: 49 Issue: 8 2021

Authors Pu Z,Sun Y,Jiang H,Hou Q,Yan H,Wen H,Li G

Dietary Amylose/Amylopectin Ratio Modulates Cecal Microbiota and Metabolites in Weaned Goats.

Frontiers in nutrition , Volume: 8 2021

Authors Gebeyew K,Chen K,Wassie T,Azad MAK,He J,Jiang W,Song W,He Z,Tan Z

Dietary Quercetin Supplementation Attenuates Diarrhea and Intestinal Damage by Regulating Gut Microbiota in Weanling Piglets.

Oxidative medicine and cellular longevity , Volume: 2021 2021

Authors Xu B,Qin W,Xu Y,Yang W,Chen Y,Huang J,Zhao J,Ma L

Curcumin β -D-Glucuronide Modulates an Autoimmune Model of Multiple Sclerosis with Altered Gut Microbiota in the Ileum and Feces.

Frontiers in cellular and infection microbiology , Volume: 11 2021

Authors Khadka S,Omura S,Sato F,Nishio K,Takeya H,Tsunoda I

Nine weeks of high-intensity indoor cycling training induced changes in the microbiota composition in non-athlete healthy male college students.

Journal of the International Society of Sports Nutrition , Volume: 18 Issue: 1 2021 Dec 18

Authors Donati Zeppa S,Amatori S,Sisti D,Gervasi M,Agostini D,Piccoli G,Pazienza V,Gobbi P,Rocchi MBL,Sestili P,Stocchi V

Active Smoking Induces Aberrations in Digestive Tract Microbiota of Rats.

Frontiers in cellular and infection microbiology , Volume: 11 2021

Authors Wang X,Ye P,Fang L,Ge S,Huang F,Polverini PJ,Heng W,Zheng L,Hu Q,Yan F,Wang W

Gut microbiota modulation as a possible mediating mechanism for fasting-induced alleviation of metabolic complications: a systematic review.

Nutrition & metabolism , Volume: 18 Issue: 1 2021 Dec 14

Authors Angoorani P,Ejtahed HS,Hasani-Ranjbar S,Siadat SD,Soroush AR,Larijani B

Intermittent Fasting Reshapes the Gut Microbiota and Metabolome and Reduces Weight Gain More Effectively Than Melatonin in Mice.

Frontiers in nutrition , Volume: 8 2021

Authors Liu J,Zhong Y,Luo XM,Ma Y,Liu J,Wang H

Regulatory Effect of Resveratrol on Inflammation Induced by Lipopolysaccharides via Reprogramming Intestinal Microbes and Ameliorating Serum Metabolism Profiles.

Frontiers in immunology , Volume: 12 2021

Authors Ding S,Jiang H,Fang J,Liu G

Multidimensional exploration of essential oils generated via eight oregano cultivars: Compositions, chemodiversities, and antibacterial capacities.

Food chemistry , Volume: 374 2022 Apr 16

Authors Hao Y,Kang J,Yang R,Li H,Qui H,Bai H,Tsitsilin A,Li J,Shi L

Polydextrose with and without Bifidobacterium animalis ssp. lactis 420 drives the prevalence of Akkermansia and improves liver health in a multi-compartmental obesogenic mice study.

PloS one , Volume: 16 Issue: 12 2021

Authors Yde CC,Jensen HM,Christensen N,Servant F,Lelouvier B,Lahtinen S,Stenman LK,Airaksinen K,Kailanto HM

A Pilot Study of the Effect of Lactobacillus casei Obtained from Long-Lived Elderly on Blood Biochemical, Oxidative, and Inflammatory Markers, and on Gut Microbiota in Young Volunteers.

Nutrients , Volume: 13 Issue: 11 2021 Oct 29

Authors Mei LH,Zheng WX,Zhao ZT,Meng N,Zhang QR,Zhu WJ,Li RD,Liang XL,Li QY

Lactobacillus plantarum ZJUF2 Prevents High Fat Diet-Induced Insulin Resistance in Association With Modulation of the Gut Microbiota.

Frontiers in nutrition , Volume: 8 2021

Authors Zhong H,Wang J,Abdullah,Hafeez MA,Guan R,Feng F

Beneficial effect of whole-grain wheat on liver fat: a role for the gut microbiota?

Hepatobiliary surgery and nutrition , Volume: 10 Issue: 5 2021 Oct

Authors Gérard P

Berberine inhibits dendritic cells differentiation in DSS-induced colitis by promoting Bacteroides fragilis.

International immunopharmacology , Volume: 101 Issue: Pt A 2021 Dec

Authors Zheng C,Wang Y,Xu Y,Zhou L,Hassan S,Xu G,Zou X,Zhang M

Dietary supplementation of gingerols- and shogaols-enriched ginger root extract attenuate pain-associated behaviors while modulating gut microbiota and metabolites in rats with spinal nerve ligation.

The Journal of nutritional biochemistry , 2021 Nov 5

Authors Shen CL,Wang R,ji G,Elmassry MM,Zabet-Moghaddam M,Vellers H,Hamood AN,Gong X,Mirzaei P,Sang S,Neugebauer V

Combined effect of carvacrol, thymol and nisin against Staphylococcus aureus and Salmonella Enteritidis.

Anais da Academia Brasileira de Ciencias , Volume: 93 Issue: suppl 4 2021

Authors Heckler C,Sant`anna V,Brandelli A,Malheiros PS

Curcuma longa hydrolate improves Nile tilapia survival in a recirculation rearing system, maintaining the animal homeostasis and modulating the gut microbial community.

Anais da Academia Brasileira de Ciencias , Volume: 93 Issue: suppl 4 2021

Authors Pereira MO,Hess JD,Rodhermel JCB,Farias DR,Schleder DD,Alves L,Bertoldi FC,Chaban A,Andrade JIA,Jatobá A

Lactobacillus plantarum CCFM1143 Alleviates Chronic Diarrhea via Inflammation Regulation and Gut Microbiota Modulation: A Double-Blind, Randomized, Placebo-Controlled Study.

Frontiers in immunology , Volume: 12 2021

Authors Yang B,Yue Y,Chen Y,Ding M,Li B,Wang L,Wang Q,Stanton C,Ross RP,Zhao J,Zhang H,Chen W

Cinnamaldehyde Promotes the Intestinal Barrier Functions and Reshapes Gut Microbiome in Early Weaned Rats.

Frontiers in nutrition , Volume: 8 2021

Authors Qi L,Mao H,Lu X,Shi T,Wang J

Antifungal effects of tulsi, garlic, cinnamon and lemongrass in powder and oil form on Candida albicans: An in vitro study.

Journal of oral and maxillofacial pathology : JOMFP , Volume: 25 Issue: 2 2021 May-Aug

Authors Prajapati M,Shah M,Ranginwala A,Agrawal P,Acharya D,Thakkar S

Effects of fermented wheat bran and yeast culture on growth performance, immunity and intestinal microflora in growing-finishing pigs.

Journal of animal science , 2021 Oct 23

Authors He W,Gao Y,Guo Z,Yang Z,Wang X,Liu H,Sun H,Shi B

Alleviation Effects of Bifidobacterium animalis subsp. lactis XLTG11 on Dextran Sulfate Sodium-Induced Colitis in Mice.

Microorganisms , Volume: 9 Issue: 10 2021 Oct 3

Authors Wang N,Wang S,Xu B,Liu F,Huo G,Li B

Supplementation with Lactiplantibacillus plantarum IMC 510 Modifies Microbiota Composition and Prevents Body Weight Gain Induced by Cafeteria Diet in Rats.

International journal of molecular sciences , Volume: 22 Issue: 20 2021 Oct 16

Authors Micioni Di Bonaventura MV,Coman MM,Tomassoni D,Micioni Di Bonaventura E,Botticelli L,Gabrielli MG,Rossolini GM,Di Pilato V,Cecchini C,Amedei A,Silvi S,Verdenelli MC,Cifani C

Alterations in Faecal Microbiota and Elevated Levels of Intestinal IgA Following Oral Administration of Lactocaseibacillus casei in mice.

Probiotics and antimicrobial proteins , Volume: 15 Issue: 3 2023 Jun

Authors Aindelis G,Ypsilantis P,Chlichlia K

Positive Synergistic Effects of Quercetin and Rice Bran on Human Gut Microbiota Reduces Enterobacteriaceae Family Abundance and Elevates Propionate in a Bioreactor Model.

Frontiers in microbiology , Volume: 12 2021

Authors Ghimire S,Wongkuna S,Sankaranarayanan R,Ryan EP,Bhat GJ,Scaria J

Influence of Diet on the Effect of the Probiotic Lactobacillus paracasei in Rats Suffering From Allergic Asthma.

Frontiers in microbiology , Volume: 12 2021

Authors Xie A,Song J,Lu S,Liu Y,Tang L,Wen S

Unravelling the collateral damage of antibiotics on gut bacteria.

Nature , Volume: 599 Issue: 7883 2021 Nov

Authors Maier L,Goemans CV,Wirbel J,Kuhn M,Eberl C,Pruteanu M,Müller P,Garcia-Santamarina S,Cacace E,Zhang B,Gekeler C,Banerjee T,Anderson EE,Milanese A,Löber U,Forslund SK,Patil KR,Zimmermann M,Stecher B,Zeller G,Bork P,Typas A

Adjunctive Probiotics Alleviates Asthmatic Symptoms via Modulating the Gut Microbiome and Serum Metabolome.

Microbiology spectrum , 2021 Oct 6

Authors Liu A,Ma T,Xu N,Jin H,Zhao F,Kwok LY,Zhang H,Zhang S,Sun Z

[Berberine Alleviates Non-alcoholic Steatohepatitis Through Modulating Gut Microbiota Mediated Intestinal FXR Activation.](#)

Frontiers in pharmacology , Volume: 12 2021

Authors Shu X,Li M,Cao Y,Li C,Zhou W, Ji G,Zhang L

[Treatment with a spore-based probiotic containing five strains of Bacillus induced changes in the metabolic activity and community composition of the gut microbiota in a SHIME® model of the human gastrointestinal system.](#)

Food research international (Ottawa, Ont.) , Volume: 149 2021 Nov

Authors Marzorati M, Van den Abbeele P, Bubeck S, Bayne T, Krishnan K, Young A

[Early-life polyphenol intake promotes Akkermansia growth and increase of host goblet cells in association with the potential synergistic effect of Lactobacillus.](#)

Food research international (Ottawa, Ont.) , Volume: 149 2021 Nov

Authors Lu F, Li Y, Wang X, Hu X, Liao X, Zhang Y

[Remodelling of gut microbiota by Berberine attenuates trimethylamine N-oxide-induced platelet hyperreaction and thrombus formation.](#)

European journal of pharmacology , Volume: 911 2021 Nov 15

Authors Xie Z, Liu X, Huang X, Liu Q, Yang M, Huang D, Zhao P, Tian J, Wang X, Hou J

[Oral iron supplementation after antibiotic exposure induces a deleterious recovery of the gut microbiota.](#)

BMC microbiology , Volume: 21 Issue: 1 2021 Sep 28

Authors Cuisiniere T, Calvé A, Fragoso G, Oliero M, Hajjar R, Gonzalez E, Santos MM

[The Gut Microbiota during a Behavioral Weight Loss Intervention.](#)

Nutrients , Volume: 13 Issue: 9 2021 Sep 18

Authors Stanislawski MA, Frank DN, Borengasser SJ, Ostendorf DM, Ir D, Jambal P, Bing K, Wayland L, Siebert JC, Bessesen DH, MacLean PS, Melanson EL, Catenacci VA

[Intake of Koji Amazake Improves Defecation Frequency in Healthy Adults.](#)

Journal of fungi (Basel, Switzerland) , Volume: 7 Issue: 9 2021 Sep 21

Authors Kurahashi A, Enomoto T, Oguro Y, Kojima-Nakamura A, Kodaira K, Watanabe K, Ozaki N, Goto H, Hirayama M

[Ketogenic diet aggravates colitis, impairs intestinal barrier and alters gut microbiota and metabolism in DSS-induced mice.](#)

Food & function , Volume: 12 Issue: 20 2021 Oct 19

Authors Li S, Zhuge A, Wang K, Lv L, Bian X, Yang L, Xia J, Jiang X, Wu W, Wang S, Wang Q, Li L

[Selenium-Enriched Lactobacillus acidophilus Ameliorates Dextran Sulfate Sodium-Induced Chronic Colitis in Mice by Regulating Inflammatory Cytokines and Intestinal Microbiota.](#)

Frontiers in medicine , Volume: 8 2021

Authors Wu Z, Pan D, Jiang M, Sang L, Chang B

[Pomegranate fruit pulp polyphenols reduce diet-induced obesity with modulation of gut microbiota in mice.](#)

Journal of the science of food and agriculture , Volume: 102 Issue: 5 2022 Mar 30

Authors Song H, Shen X, Chu Q, Zheng X

[Lactocaseibacillus paracasei NK112 mitigates Escherichia coli-induced depression and cognitive impairment in mice by regulating IL-6 expression and gut microbiota.](#)

Beneficial microbes , 2021 Sep 13

Authors Yun SW, Kim JK, Han MJ, Kim DH

[Curcumin Reduces Adipose Tissue Inflammation and Alters Gut Microbiota in Diet-Induced Obese Male Mice.](#)

Molecular nutrition & food research , Volume: 65 Issue: 22 2021 Nov

Authors Islam T, Koboziev I, Albracht-Schulte K, Mistretta B, Scoggin S, Yosofvand M, Moussa H, Zabet-Moghaddam M, Ramalingam L, Gunaratne PH, Moustaid-Moussa N

[Gut microbiota from green tea polyphenol-dosed mice improves intestinal epithelial homeostasis and ameliorates experimental colitis.](#)

Microbiome , Volume: 9 Issue: 1 2021 Sep 7

Authors Wu Z, Huang S, Li T, Li N, Han D, Zhang B, Xu ZZ, Zhang S, Pang J, Wang S, Zhang G, Zhao J, Wang J

[Effects of Dietary Supplementation of Lactobacillus delbrueckii on Gut Microbiome and Intestinal Morphology in Weaned Piglets.](#)

Frontiers in veterinary science , Volume: 8 2021

Authors Wang XL, Liu ZY, Li YH, Yang LY, Yin J, He JH, Hou DX, Liu YL, Huang XG

[Quercetin modulates the gut microbiota as well as the metabolome in a rat model of osteoarthritis.](#)

Bioengineered , Volume: 12 Issue: 1 2021 Dec

Authors Lan H, Hong W, Qian D, Peng F, Li H, Liang C, Du M, Gu J, Mai J, Bai B, Peng G

[Berberine combined with stachyose improves glycometabolism and gut microbiota through regulating colonic microRNA and gene expression in diabetic rats.](#)

Life sciences , Volume: 284 2021 Nov 1

Authors Li C, Cao H, Huan Y, Ji W, Liu S, Sun S, Liu Q, Lei L, Liu M, Gao X, Fu Y, Li P, Shen Z

Eight-week exercise training in humans with obesity: Marked improvements in insulin sensitivity and modest changes in gut microbiome.

Obesity (Silver Spring, Md.) , Volume: 29 Issue: 10 2021 Oct

Authors Verheggen RJHM,Konstanti P,Smidt H,Hermus ARMM,Thijssen DHJ,Hopman MTE

Lactobacillus paracasei S16 Alleviates Lumbar Disc Herniation by Modulating Inflammation Response and Gut Microbiota.

Frontiers in nutrition , Volume: 8 2021

Authors Wang Z,Wu H,Chen Y,Chen H,Wang X,Yuan W

The Protection of Lactiplantibacillus plantarum CCFM8661 Against Benzopyrene-Induced Toxicity via Regulation of the Gut Microbiota.

Frontiers in immunology , Volume: 12 2021

Authors Yu L,Zhang L,Duan H,Zhao R,Xiao Y,Guo M,Zhao J,Zhang H,Chen W,Tian F

A Novel Sprouted Oat Fermented Beverage: Evaluation of Safety and Health Benefits for Celiac Individuals.

Nutrients , Volume: 13 Issue: 8 2021 Jul 23

Authors Aparicio-García N,Martínez-Villaluenga C,Frias J,Crespo Perez L,Fernández CF,Alba C,Rodríguez JM,Peñas E

Clostridium butyricum MIYAIRI 588 Modifies Bacterial Composition under Antibiotic-Induced Dysbiosis for the Activation of Interactions via Lipid Metabolism between the Gut Microbiome and the Host.

Biomedicines , Volume: 9 Issue: 8 2021 Aug 22

Authors Ariyoshi T,Hagihara M,Tomono S,Eguchi S,Minemura A,Miura D,Oka K,Takahashi M,Yamagishi Y,Mikamo H

Quercetin Ameliorates Insulin Resistance and Restores Gut Microbiome in Mice on High-Fat Diets.

Antioxidants (Basel, Switzerland) , Volume: 10 Issue: 8 2021 Aug 5

Authors Tan Y,Tam CC,Rolston M,Alves P,Chen L,Meng S,Hong H,Chang SKC,Yokoyama W

Effects of dietary rosemary extract supplementation on growth performance, nutrient digestibility, antioxidant capacity, intestinal morphology, and microbiota of weaning pigs.

Journal of animal science , Volume: 99 Issue: 9 2021 Sep 1

Authors Yang M,Yin Y,Wang F,Bao X,Long L,Tan B,Yin Y,Chen J

Effects of Smoking on Inflammatory Markers in a Healthy Population as Analyzed via the Gut Microbiota.

Frontiers in cellular and infection microbiology , Volume: 11 2021

Authors Yan S,Ma Z,Jiao M,Wang Y,Li A,Ding S

Kaempferol Alleviates Murine Experimental Colitis by Restoring Gut Microbiota and Inhibiting the LPS-TLR4-NF- κ B Axis.

Frontiers in immunology , Volume: 12 2021

Authors Qu Y,Li X,Xu F,Zhao S,Wu X,Wang Y,Xie J

Effectiveness and safety of Bifidobacterium and berberine in human hyperglycemia and their regulatory effect on the gut microbiota: a multi-center, double-blind, randomized, parallel-controlled study.

Genome medicine , Volume: 13 Issue: 1 2021 Aug 9

Authors Ming J,Yu X,Xu X,Wang L,Ding C,Wang Z,Xie X,Li S,Yang W,Luo S,He Q,Du Y,Tian Z,Gao X,Ma K,Fang Y,Li C,Zhao J,Wang X, Ji Q

Alterations in the gut microbiota contribute to cognitive impairment induced by the ketogenic diet and hypoxia.

Cell host & microbe , Volume: 29 Issue: 9 2021 Sep 8

Authors Olson CA,Iñiguez AJ,Yang GE,Fang P,Pronovost GN,Jameson KG,Rendon TK,Paramo J,Barlow JT,Ismagilov RF,Hsiao EY

The effects of sustained fitness improvement on the gut microbiome: A longitudinal, repeated measures case-study approach.

Translational sports medicine , Volume: 4 Issue: 2 2021 Mar

Authors Barton W,Cronin O,García-Perez I,Whiston R,Holmes E,Woods T,Molloy CB,Molloy MG,Shanahan F,Cotter PD,O'Sullivan O

A multiphase dietetic protocol incorporating an improved ketogenic diet enhances weight loss and alters the gut microbiome of obese people.

International journal of food sciences and nutrition , Volume: 73 Issue: 2 2022 Mar

Authors Yuan W,Lu W,Wang H,Wu W,Zhou Q,Chen Y,Lee YK,Zhao J,Zhang H,Chen W

Home-based exercise training influences gut bacterial levels in multiple sclerosis.

Complementary therapies in clinical practice , Volume: 45 2021 Jul 30

Authors Mokhtarzade M,Molanouri Shamsi M,Abolhasani M,Bakhshi B,Sahraian MA,Quinn LS,Negaresh R

Assessment of Lactobacillus casei rhamnosus (LGG) therapy in children with biliary atresia - Randomized placebo controlled trial.

Clinics and research in hepatology and gastroenterology , Volume: 45 Issue: 6 2021 Nov

Authors Orlowska E,Czubkowski P,Wolochowska K,Jarzebicka D,Motyl I,Socha P

Lactobacillus casei LC89 exerts antidiabetic effects through regulating hepatic glucagon response and gut microbiota in type 2 diabetic mice.

Food & function , Volume: 12 Issue: 18 2021 Sep 20

Authors Zhang Y,Wu T,Li W,Zhao Y,Long H,Liu R,Sui W,Zhang M

The construction of recombinant *Lactobacillus casei* expressing hemagglutinin-neuraminidase protein and its immune response in chickens.

Microbial pathogenesis , Volume: 158 2021 Sep

Authors Ju A,Duan A,Zhang Y,Qin Y,Xue L,Ma X,Luan W,Yang S

An exercise intervention alters stool microbiota and metabolites among older, sedentary adults.

Therapeutic advances in infectious disease , Volume: 8 2021 Jan-Dec

Authors Erlandson KM,Liu J,Johnson R,Dillon S,Jankowski CM,Kroehl M,Robertson CE,Frank DN,Tuncil Y,Higgins J,Hamaker B,Wilson CC

Prevotella-rich enterotype may benefit gut health in finishing pigs fed diet with a high amylose-to-amylopectin ratio.

Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 7 Issue: 2 2021 Jun

Authors Ren W,Yan H,Yu B,Walsh MC,Yu J,Zheng P,Huang Z,Luo J,Mao X,He J,Yan H,Chen D,Luo Y

Shuanghuanglian oral preparations combined with azithromycin for treatment of *Mycoplasma pneumoniae* pneumonia in Asian children: A systematic review and meta-analysis of randomized controlled trials.

PloS one , Volume: 16 Issue: 7 2021

Authors Peng Y,Chen Z,Li Y,Lu Q,Li H,Han Y,Sun D,Li X

Cranberry (*Vaccinium macrocarpon*) dietary supplementation and fecal microbiota of Wistar rats.

AIMS microbiology , Volume: 7 Issue: 2 2021

Authors Chettaoui R,Mayot G,De Almeida L,Di Martino P

Promiscuous *Pseudomonas*: Uptake of Non-Endogenous Ligands for Iron Acquisition.

Tetrahedron letters , Volume: 75 2021 Jul 6

Authors Kaplan AR,Wuest WM

Punicic acid ameliorates obesity and liver steatosis by regulating gut microbiota composition in mice.

Food & function , 2021 Jul 9

Authors Yuan G,Tan M,Chen X

The interplay between fasting, gut microbiota, and lipid profile.

International journal of clinical practice , Volume: 75 Issue: 10 2021 Oct

Authors Mohammadzadeh A,Roshanravan N,Mesri Alamdari N,Safaiyan A,Mosharkesh E,Hadi A,Barati M,Ostadrahimi A

Dietary oregano essential oil supplementation improves intestinal functions and alters gut microbiota in late-phase laying hens.

Journal of animal science and biotechnology , Volume: 12 Issue: 1 2021 Jul 6

Authors Feng J,Lu M,Wang J,Zhang H,Qiu K,Qi G,Wu S

Clostridium butyricum relieve the visceral hypersensitivity in mice induced by *Citrobacter rodentium* infection with chronic stress.

PeerJ , Volume: 9 2021

Authors Wang T,Li L,Li S,Zhao H,Qu J,Xia Y,Li Y

Effects of Fermented Milk Containing *Lactocaseibacillus paracasei* Strain Shirota on Constipation in Patients with Depression: A Randomized, Double-Blind, Placebo-Controlled Trial.

Nutrients , Volume: 13 Issue: 7 2021 Jun 29

Authors Zhang X,Chen S,Zhang M,Ren F,Ren Y,Li Y,Liu N,Zhang Y,Zhang Q,Wang R

Evaluation of the Cholesterol-Lowering Mechanism of *Enterococcus faecium* Strain 132 and *Lactobacillus paracasei* Strain 201 in Hypercholesterolemia Rats.

Nutrients , Volume: 13 Issue: 6 2021 Jun 9

Authors Yang L,Xie X,Li Y,Wu L,Fan C,Liang T,Xi Y,Yang S,Li H,Zhang J,Ding Y,Xue L,Chen M,Wang J,Wu Q

Perinatal High-Salt Diet Induces Gut Microbiota Dysbiosis, Bile Acid Homeostasis Disbalance, and NAFLD in Weanling Mice Offspring.

Nutrients , Volume: 13 Issue: 7 2021 Jun 22

Authors Guo Q,Tang Y,Li Y,Xu Z,Zhang D,Liu J,Wang X,Xia W,Xu S

Facile Synthesis of Natural Anise-Based Nanoemulsions and Their Antimicrobial Activity.

Polymers , Volume: 13 Issue: 12 2021 Jun 19

Authors Abu Ali OA,El-Naggar ME,Abdel-Aziz MS,Saleh DI,Abu-Saied MA,El-Sayed WA

Effects of Wine and Its Microbial-Derived Metabolites on Intestinal Permeability Using Simulated Gastrointestinal Digestion/Colonic Fermentation and Caco-2 Intestinal Cell Models.

Microorganisms , Volume: 9 Issue: 7 2021 Jun 24

Authors Zorraquín-Peña I,Taladrid D,Tamargo A,Silva M,Molinero N,de Llano DG,Bartolomé B,Moreno-Arribas MV

Concentrated Raw Fibers Enhance the Fiber-Degrading Capacity of a Synthetic Human Gut Microbiome.

International journal of molecular sciences , Volume: 22 Issue: 13 2021 Jun 25

Authors Steimle A,Neumann M,Grant ET,Turner JD,Desai MS

Nrf2/ARE Activators Improve Memory in Aged Mice via Maintaining of Mitochondrial Quality Control of Brain and the Modulation of Gut Microbiome.

Pharmaceuticals (Basel, Switzerland) , Volume: 14 Issue: 7 2021 Jun 23

Authors Sadvnikova IS,Gureev AP,Ignatyeva DA,Gryaznova MV,Chernyshova EV,Krutsikh EP,Novikova AG,Popov VN

Drinking Water with Saccharin Sodium Alters the Microbiota-Gut-Hypothalamus Axis in Guinea Pig.

Animals : an open access journal from MDPI , Volume: 11 Issue: 7 2021 Jun 23

Authors Li J,Zhu S,Lv Z,Dai H,Wang Z,Wei Q,Hamdard E,Mustafa S,Shi F,Fu Y

Imbalanced dietary intake alters the colonic microbial profile in growing rats.

PloS one , Volume: 16 Issue: 6 2021

Authors Jung TH,Han KS

Dietary turmeric (Curcuma longa L.) supplementation improves growth performance, short-chain fatty acid production, and modulates bacterial composition of weaned piglets.

Journal of animal science and technology , Volume: 63 Issue: 3 2021 May

Authors Recharla N,Balasubramanian B,Song M,Puligundla P,Kim SK,Jeong JY,Park S

Curcumin modulates gut microbiota and improves renal function in rats with uric acid nephropathy.

Renal failure , Volume: 43 Issue: 1 2021 Dec

Authors Xu X,Wang H,Guo D,Man X,Liu J,Li J,Luo C,Zhang M,Zhen L,Liu X

Cultivation of the gut bacterium Prevotella copri DSM 18205^T using glucose and xylose as carbon sources.

MicrobiologyOpen , Volume: 10 Issue: 3 2021 Jun

Authors Huang F,Sardari RRR,Jasilionis A,Böök O,Öste R,Rascón A,Heyman-Lindén L,Holst O,Karlsson EN

Protective effect of Bifidobacterium bifidum FSDJN705 and Bifidobacterium breve FHNQ23M3 on diarrhea caused by enterotoxigenic Escherichia coli.

Food & function , Volume: 12 Issue: 16 2021 Aug 21

Authors Yang B ,Huang Z ,He Z ,Yue Y ,Zhou Y ,Ross RP ,Stanton C ,Zhang H ,Zhao J ,Chen W

Lactic acid production ability of Lactobacillus sp. from four tropical fruits using their by-products as carbon source.

Heliyon , Volume: 7 Issue: 5 2021 May

Authors Ngouénam JR,Momo Kenfack CH,Foko Kouam EM,Kaktcham PM,Maharjan R,Ngoufack FZ

Dietary resveratrol attenuation of intestinal inflammation and oxidative damage is linked to the alteration of gut microbiota and butyrate in piglets challenged with deoxynivalenol.

Journal of animal science and biotechnology , Volume: 12 Issue: 1 2021 Jun 16

Authors Qiu Y,Yang J,Wang L,Yang X,Gao K,Zhu C,Jiang Z

Effect of Dietary Inulin Supplementation on the Gut Microbiota Composition and Derived Metabolites of Individuals Undergoing Hemodialysis: A Pilot Study.

Journal of renal nutrition : the official journal of the Council on Renal Nutrition of the National Kidney Foundation , 2021 Jun 11

Authors Biruete A,Cross TL,Allen JM,Kistler BM,de Loor H,Evenepoel P,Fahey GC Jr,Bauer L,Swanson KS,Wilund KR

Spore-forming Bacillus coagulans SNZ 1969 improved intestinal motility and constipation perception mediated by microbial alterations in healthy adults with mild intermittent constipation: A randomized controlled trial.

Food research international (Ottawa, Ont.) , Volume: 146 2021 Aug

Authors Kang S,Park MY,Brooks I,Lee J,Kim SH,Kim JY,Oh B,Kim JW,Kwon O

Lactobacillus paracasei modulates the gut microbiota and improves inflammation in type 2 diabetic rats.

Food & function , 2021 Jun 11

Authors Zeng Z,Guo X,Zhang J,Yuan Q,Chen S

Resveratrol and its derivative pterostilbene ameliorate intestine injury in intrauterine growth-retarded weanling piglets by modulating redox status and gut microbiota.

Journal of animal science and biotechnology , Volume: 12 Issue: 1 2021 Jun 10

Authors Chen Y,Zhang H,Chen Y,Jia P,Ji S,Zhang Y,Wang T

Lactobacillus casei CCFM1074 Alleviates Collagen-Induced Arthritis in Rats via Balancing Treg/Th17 and Modulating the Metabolites and Gut Microbiota.

Frontiers in immunology , Volume: 12 2021

Authors Fan Z,Ross RP,Stanton C,Hou B,Zhao J,Zhang H,Yang B,Chen W

Effect of Lactobacillus paracasei Strain Shirota on Improvement in Depressive Symptoms, and Its Association with Abundance of Actinobacteria in Gut Microbiota.

Microorganisms , Volume: 9 Issue: 5 2021 May 10

Authors Otaka M,Kikuchi-Hayakawa H,Ogura J,Ishikawa H,Yomogida Y,Ota M,Hidese S,Ishida I,Aida M,Matsuda K,Kawai M,Yoshida S,Kunugi H

Gut Microbiota Induced by Pterostilbene and Resveratrol in High-Fat-High-Fructose Fed Rats: Putative Role in Steatohepatitis Onset.

Nutrients , Volume: 13 Issue: 5 2021 May 20

Authors Milton-Laskibar I,Marcos-Zambrano LJ,Gómez-Zorita S,Fernández-Quintela A,Carrillo de Santa Pau E,Martínez JA,Portillo MP

[Preparation and photodynamic bactericidal effects of curcumin- \$\beta\$ -cyclodextrin complex.](#)

Food chemistry , Volume: 361 2021 Nov 1

Authors Lai D,Zhou A,Tan BK,Tang Y,Sarah Hamzah S,Zhang Z,Lin S,Hu J

[The Potential Roles of Very Low Calorie, Very Low Calorie Ketogenic Diets and Very Low Carbohydrate Diets on the Gut Microbiota Composition.](#)

Frontiers in endocrinology , Volume: 12 2021

Authors Rondanelli M,Gasparri C,Peroni G,Faliva MA,Naso M,Perna S,Bazire P,Sajuox I,Maugeri R,Rigon C

[A diet high in sugar and fat influences neurotransmitter metabolism and then affects brain function by altering the gut microbiota.](#)

Translational psychiatry , Volume: 11 Issue: 1 2021 May 27

Authors Guo Y,Zhu X,Zeng M,Qi L,Tang X,Wang D,Zhang M,Xie Y,Li H,Yang X,Chen D

[Saccharomyces cerevisiae boulardii CNCM I-1079 supplementation in finishing male pigs helps to cope with heat stress through feeding behaviour and gut microbiota modulation.](#)

The British journal of nutrition , Volume: 127 Issue: 3 2022 Feb 14

Authors Labussière E,Achard C,Dubois S,Combes S,Castex M,Renaudeau D

[Beneficial gut microbiome remodeled during intermittent fasting in humans.](#)

Rejuvenation research , 2021 May 27

Authors Larrick JW,Mendelsohn AR,Larrick J

[Different Bifidobacterium bifidum strains change the intestinal flora composition of mice via different mechanisms to alleviate loperamide-induced constipation.](#)

Food & function , 2021 May 26

Authors Chai M,Wang L,Li X,Zhao J,Zhang H,Wang G,Chen W

[The influence of exercise training volume alterations on the gut microbiome in highly-trained middle-distance runners.](#)

European journal of sport science , 2021 May 26

Authors Craven J,Cox AJ,Bellinger P,Desbrow B,Irwin C,Buchan J,McCartney D,Sabapathy S

[The bactericidal effect of vancomycin is not altered by tranexamic acid, adrenalin, dexamethasone, or lidocaine in vitro.](#)

Scientific reports , Volume: 11 Issue: 1 2021 May 24

Authors Schwerdt C,Röhner E,Böhle S,Jacob B,Matziolis G

[Intensive, prolonged exercise seemingly causes gut dysbiosis in female endurance runners.](#)

Journal of clinical biochemistry and nutrition , Volume: 68 Issue: 3 2021 May

Authors Morishima S,Aoi W,Kawamura A,Kawase T,Takagi T,Naito Y,Tsukahara T,Inoue R

[Tobacco Smoking and the Fecal Microbiome in a Large, Multi-ethnic Cohort.](#)

Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology , Volume: 30 Issue: 7 2021 Jul

Authors Prakash A,Peters BA,Cobbs E,Beggs D,Choi H,Li H,Hayes RB,Ahn J

[Amelioration of high-fat diet-induced obesity and its associated complications by a myricetin derivative-rich fraction from Syzygium malaccense in C57BL/6J mice.](#)

Food & function , Volume: 12 Issue: 13 2021 Jul 5

Authors Nallappan D,Chua KH,Ong KC,Chong CW,Teh CSJ,Palanisamy UD,Kuppusamy UR

[Curcumin alleviates high-fat diet-induced hepatic steatosis and obesity in association with modulation of gut microbiota in mice.](#)

Food research international (Ottawa, Ont.) , Volume: 143 2021 May

Authors Li S,You J,Wang Z,Liu Y,Wang B,Du M,Zou T

[Assessment of antibacterial and antifungal potential of Curcuma longa and synthesized nanoparticles: A comparative study.](#)

Journal of basic microbiology , Volume: 61 Issue: 7 2021 Jul

Authors Khan MA,Moghul NB,Butt MA,Kiyani MM,Zafar I,Bukhari AI

[Effects of Bacillus Coagulans on growth performance, antioxidant capacity, immunity function, and gut health in broilers.](#)

Poultry science , Volume: 100 Issue: 6 2021 Mar 27

Authors Zhang B,Zhang H,Yu Y,Zhang R,Wu Y,Yue M,Yang C

[Clearance of Clostridioides difficile Colonization Is Associated with Antibiotic-Specific Bacterial Changes.](#)

mSphere , Volume: 6 Issue: 3 2021 May 5

Authors Lesniak NA,Schubert AM,Sinani H,Schloss PD

[Aspergillus oryzae and Aspergillus niger Co-Cultivation Extract Affects In Vitro Degradation, Fermentation Characteristics, and Bacterial Composition in a Diet-Specific Manner.](#)

Animals : an open access journal from MDPI , Volume: 11 Issue: 5 2021 Apr 26

Authors Kong F,Lu N,Liu Y,Zhang S,Jiang H,Wang H,Wang W,Li S

Lactobacillus Sps in Reducing the Risk of Diabetes in High-Fat Diet-Induced Diabetic Mice by Modulating the Gut Microbiome and Inhibiting Key Digestive Enzymes Associated with Diabetes.

Biology , Volume: 10 Issue: 4 2021 Apr 20

Authors Gulnaz A,Nadeem J,Han JH,Lew LC,Son JD,Park YH,Rather IA,Hor YY

Prebiotic Effect of Berberine and Curcumin Is Associated with the Improvement of Obesity in Mice.

Nutrients , Volume: 13 Issue: 5 2021 Apr 24

Authors Neyrinck AM,Sánchez CR,Rodríguez J,Cani PD,Bindels LB,Delzenne NM

Effects of Bifidobacterium animalis ssp. lactis 420 on gastrointestinal inflammation induced by a non-steroidal anti-inflammatory drug: a randomized, placebo-controlled, double-blind clinical trial.

British journal of clinical pharmacology , 2021 Apr 27

Authors Mäkelä SM,Forssten SD,Kailajärvi M,Langén VL,Scheinin M,Tiihonen K,Ouwehand AC

Gut modulation based anti-diabetic effects of carboxymethylated wheat bran dietary fiber in high-fat diet/streptozotocin-induced diabetic mice and their potential mechanisms.

Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association , Volume: 152 2021 Jun

Authors Li XX,Zhang XX,Zhang R,Ni ZJ,Elam E,Thakur K,Cespedes-Acuña CL,Zhang JG,Wei ZJ

Anti-MRSA activity of curcumin in planktonic cells and biofilms and determination of possible action mechanisms.

Microbial pathogenesis , Volume: 155 2021 Jun

Authors Batista de Andrade Neto J,Pessoa de Farias Cabral V,Brito Nogueira LF,Rocha da Silva C,Gurgel do Amaral Valente Sá L,Ramos da Silva A,Barbosa da Silva WM,Silva J,Marinho ES,Cavalcanti BC,Odorico de Moraes M,Nobre Júnior HV

Modulation of the fecal microbiome and metabolome by resistant dextrin ameliorates hepatic steatosis and mitochondrial abnormalities in mice.

Food & function , 2021 Apr 22

Authors Zhang Z,Chen X,Cui B

Anti-Inflammatory and Antimicrobial Activities of Compounds Isolated from Distichochlamys benenica.

BioMed research international , Volume: 2021 2021

Authors Pham TV,Hoang HNT,Nguyen HT,Nguyen HM,Huynh CT,Vu TY,Do AT,Nguyen NH,Do BH

Assessment of the Safety of Lactobacillus casei IMV B-7280 Probiotic Strain on a Mouse Model.

Probiotics and antimicrobial proteins , Volume: 13 Issue: 6 2021 Dec

Authors L M L,L P B,S G G,L O S,O M D,R V B,L M S,M Ya S

Berberine attenuates choline-induced atherosclerosis by inhibiting trimethylamine and trimethylamine-N-oxide production via manipulating the gut microbiome.

NPJ biofilms and microbiomes , Volume: 7 Issue: 1 2021 Apr 16

Authors Li X,Su C,Jiang Z,Yang Y,Zhang Y,Yang M,Zhang X,Du Y,Zhang J,Wang L,Jiang J,Hong B

Berberine, a potential prebiotic to indirectly promote Akkermansia growth through stimulating gut mucin secretion.

Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 139 2021 Jul

Authors Dong C,Yu J,Yang Y,Zhang F,Su W,Fan Q,Wu C,Wu S

Remodeling of the gut microbiome during Ramadan-associated intermittent fasting.

The American journal of clinical nutrition , Volume: 113 Issue: 5 2021 May 8

Authors Su J,Wang Y,Zhang X,Ma M,Xie Z,Pan Q,Ma Z,Peppelenbosch MP

The Anti-Inflammatory Effect and Mucosal Barrier Protection of Clostridium butyricum RH2 in Ceftriaxone-Induced Intestinal Dysbacteriosis.

Frontiers in cellular and infection microbiology , Volume: 11 2021

Authors Li Y,Liu M,Liu H,Sui X,Liu Y,Wei X,Liu C,Cheng Y,Ye W,Gao B,Wang X,Lu Q,Cheng H,Zhang L,Yuan J,Li M

Saccharomyces boulardii ameliorates gut dysbiosis associated cognitive decline.

Physiology & behavior , Volume: 236 2021 Jul 1

Authors Roy Sarkar S,Mitra Mazumder P,Chatterjee K,Sarkar A,Adhikary M,Mukhopadhyay K,Banerjee S

Lactacaseibacillus paracasei PS23 Effectively Modulates Gut Microbiota Composition and Improves Gastrointestinal Function in Aged SAMP8 Mice.

Nutrients , Volume: 13 Issue: 4 2021 Mar 29

Authors Chen LH,Wang MF,Chang CC,Huang SY,Pan CH,Yeh YT,Huang CH,Chan CH,Huang HY

Inhibition of Fungal Strains Isolated from Cereal Grains via Vapor Phase of Essential Oils.

Molecules (Basel, Switzerland) , Volume: 26 Issue: 5 2021 Mar 1

Authors Strelková T,Nemes B,Kovács A,Novotný D,Božík M,Klouček P

Cloudy Apple Juice Fermented by Lactobacillus Prevents Obesity via Modulating Gut Microbiota and Protecting Intestinal Tract Health.

Nutrients , Volume: 13 Issue: 3 2021 Mar 17

Authors Han M,Zhang M,Wang X,Bai X,Yue T,Gao Z

[A Polyphenol Enriched Variety of Apple Alters Circulating Immune Cell Gene Expression and Faecal Microbiota Composition in Healthy Adults: A Randomized Controlled Trial.](#)

Nutrients , Volume: 13 Issue: 4 2021 Mar 27

Authors Barnett MPG,Young W,Armstrong K,Brewster D,Cooney JM,Ellett S,Espley RV,Laing W,Maclean P,McGhie T,Pringle G,Roy NC,Ferguson LR

[\[Ginger-separated moxibustion for chronic fatigue syndrome and its effect on intestinal flora\].](#)

Zhongguo zhen jiu = Chinese acupuncture & moxibustion , Volume: 41 Issue: 3 2021 Mar 12

Authors Lin YF,Jin XQ,Zhu JF,Chen YD,Sheng JL,He JJ,Jin YY

[Fasting alters the gut microbiome reducing blood pressure and body weight in metabolic syndrome patients.](#)

Nature communications , Volume: 12 Issue: 1 2021 Mar 30

Authors Maifeld A,Bartolomaeus H,Löber U,Avery EG,Steckhan N,Markó L,Wilck N,Hamad I,Šušnjar U,Mähler A,Hohmann C,Chen CY,Cramer H,Dobos G,Lesker TR,Strowig T,Dechend R,Bzdok D,Kleinewietfeld M,Michalsen A,Müller DN,Forslund SK

[Quercetin as a Precursor for the Synthesis of Novel Nanoscale Cu \(II\) Complex as a Catalyst for Alcohol Oxidation with High Antibacterial Activity.](#)

Bioinorganic chemistry and applications , Volume: 2021 2021

Authors Moodi Z,Bagherzade G,Peters J

[Lactobacillus acidophilus LA5 improves saturated fat-induced obesity mouse model through the enhanced intestinal Akkermansia muciniphila.](#)

Scientific reports , Volume: 11 Issue: 1 2021 Mar 18

Authors Ondee T,Pongpirul K,Visitchanakun P,Saisorn W,Kanacharoen S,Wongsaroj L,Kullapanich C,Ngamwongsatit N,Settachaimongkon S,Somboonna N,Leelahavanichkul A

[Beverages containing Lactobacillus paracasei LC-37 improved functional dyspepsia through regulation of the intestinal microbiota and their metabolites.](#)

Journal of dairy science , 2021 Mar 10

Authors Sun E,Zhang X,Zhao Y,Li J,Sun J,Mu Z,Wang R

[Potato resistant starch inhibits diet-induced obesity by modifying the composition of intestinal microbiota and their metabolites in obese mice.](#)

International journal of biological macromolecules , Volume: 180 2021 Mar 9

Authors Liang D,Zhang L,Chen H,Zhang H,Hu H,Dai X

[Effect of Blueberry Anthocyanin-Rich Extracts on Peripheral and Hippocampal Antioxidant Defensiveness: The Analysis of the Serum Fatty Acid Species and Gut Microbiota Profile.](#)

Journal of agricultural and food chemistry , Volume: 69 Issue: 12 2021 Mar 31

Authors Si X,Bi J,Chen Q,Cui H,Bao Y,Tian J,Shu C,Wang Y,Tan H,Zhang W,Chen Y,Li B

[Lactobacillus paracasei DTA81, a cholesterol-lowering strain having immunomodulatory activity, reveals gut microbiota regulation capability in BALB/c mice receiving high-fat diet.](#)

Journal of applied microbiology , Volume: 131 Issue: 4 2021 Oct

Authors Tarrah A,Dos Santos Cruz BC,Sousa Dias R,da Silva Duarte V,Pakroo S,Licursi de Oliveira L,Gouveia Peluzio MC,Corich V,Giacomini A,Oliveira de Paula S

[Gut Microbiota Variation With Short-Term Intake of Ginger Juice on Human Health.](#)

Frontiers in microbiology , Volume: 11 2020

Authors Wang X,Zhang D,Jiang H,Zhang S,Pang X,Gao S,Zhang H,Zhang S,Xiao Q,Chen L,Wang S,Qi D,Li Y

[Effects of Pretreatment with Bifidobacterium bifidum Using 16S Ribosomal RNA Gene Sequencing in a Mouse Model of Acute Colitis Induced by Dextran Sulfate Sodium.](#)

Medical science monitor : international medical journal of experimental and clinical research , Volume: 27 2021 Mar 9

Authors Weng YJ,Jiang DX,Liang J,Ye SC,Tan WK,Yu CY,Zhou Y

[Enhancement of the antibiotic activity by quercetin against Staphylococcus aureus efflux pumps.](#)

Journal of bioenergetics and biomembranes , Volume: 53 Issue: 2 2021 Apr

Authors Dos Santos JFS,Tintino SR,da Silva ARP,Dos S Barbosa CR,Scherf JR,de S Silveira Z,de Freitas TS,de Lacerda Neto LJ,Barros LM,de A Menezes IR,Coutinho HDM,Siqueira-Júnior JP,Cunha FAB

[Ramadan Fasting Leads to Shifts in Human Gut Microbiota Structured by Dietary Composition.](#)

Frontiers in microbiology , Volume: 12 2021

Authors Ali I,Liu K,Long D,Faisal S,Hilal MG,Ali I,Huang X,Long R

[Gut Microbiota Bacterial Species Associated with Mediterranean Diet-Related Food Groups in a Northern Spanish Population.](#)

Nutrients , Volume: 13 Issue: 2 2021 Feb 16

Authors Rosés C,Cuevas-Sierra A,Quintana S,Riezu-Boj JI,Martínez JA,Milagro FI,Barceló A

Lactobacillus plantarum and Bifidobacterium bifidum alleviate dry eye in mice with exorbital lacrimal gland excision by modulating gut inflammation and microbiota.

Food & function , Volume: 12 Issue: 6 2021 Mar 21

Authors Yun SW,Son YH, Lee DY,Shin YJ ,Han MJ ,Kim DH

Navy Bean Supplementation in Established High-Fat Diet-Induced Obesity Attenuates the Severity of the Obese Inflammatory Phenotype.

Nutrients , Volume: 13 Issue: 3 2021 Feb 26

Authors Monk JM,Wu W,Lepp D,Pauls KP,Robinson LE,Power KA

Effect of Quercetin on Lipids Metabolism Through Modulating the Gut Microbial and AMPK/PPAR Signaling Pathway in Broilers.

Frontiers in cell and developmental biology , Volume: 9 2021

Authors Wang M,Wang B,Wang S,Lu H,Wu H,Ding M,Ying L,Mao Y,Li Y

Impaired Intestinal Akkermansia muciniphila and Aryl Hydrocarbon Receptor Ligands Contribute to Nonalcoholic Fatty Liver Disease in Mice.

mSystems , Volume: 6 Issue: 1 2021 Feb 23

Authors Shi Z,Lei H,Chen G,Yuan P,Cao Z,Ser HL,Zhu X,Wu F,Liu C,Dong M,Song Y,Guo Y,Chen C,Hu K,Zhu Y,Zeng XA,Zhou J,Lu Y,Patterson AD,Zhang L

Effects of Banana Resistant Starch on the Biochemical Indexes and Intestinal Flora of Obese Rats Induced by a High-Fat Diet and Their Correlation Analysis.

Frontiers in bioengineering and biotechnology , Volume: 9 2021

Authors Fu J,Wang Y,Tan S,Wang J

The Therapeutic Efficacy of Curcumin vs. Metformin in Modulating the Gut Microbiota in NAFLD Rats: A Comparative Study.

Frontiers in microbiology , Volume: 11 2020

Authors Li R,Yao Y,Gao P,Bu S

The effect of acute moderate-intensity exercise on the serum and fecal metabolomes and the gut microbiota of cross-country endurance athletes.

Scientific reports , Volume: 11 Issue: 1 2021 Feb 11

Authors Tabone M,Bressa C,García-Merino JA,Moreno-Pérez D, Van EC,Castelli FA,Fenaille F,Larrosa M

Effects of dietary oregano essential oil supplementation on growth performance, intestinal antioxidative capacity, immunity, and intestinal microbiota in yellow-feathered chickens.

Journal of animal science , Volume: 99 Issue: 2 2021 Feb 1

Authors Ruan D,Fan Q,Fouad AM,Sun Y,Huang S,Wu A,Lin C,Kuang Z,Zhang C,Jiang S

Effect of probiotic Lactobacillus plantarum Dad-13 powder consumption on the gut microbiota and intestinal health of overweight adults.

World journal of gastroenterology , Volume: 27 Issue: 1 2021 Jan 7

Authors Rahayu ES,Mariyatun M,Putri Manurung NE,Hasan PN,Therdatha P,Mishima R,Komalasari H,Mahfuzah NA,Pamungkaningtyas FH,Yoga WK,Nurfiana DA,Liwan SY,Juffrie M,Nugroho AE,Utami T

Oregano essential oil improves piglet health and performance through maternal feeding and is associated with changes in the gut microbiota.

Animal microbiome , Volume: 3 Issue: 1 2021 Jan 4

Authors Hall HN,Wilkinson DJ,Le Bon M

Berberine ameliorates ovariectomy-induced anxiety-like behaviors by enrichment in equol generating gut microbiota.

Pharmacological research , Volume: 165 2021 Mar

Authors Fang Y,Zhang J,Zhu S,He M,Ma S,Jia Q,Sun Q,Song L,Wang Y,Duan L

Effect of dietary inclusion of dried apple pomace on faecal butyrate concentration and modulation of gut microbiota in dogs.

Archives of animal nutrition , Volume: 75 Issue: 1 2021 Feb

Authors de Brito CBM,Menezes Souza CM,Bastos TS,Mesa D,Oliveira SG,Félix AP

Pharmacological Therapy Determines the Gut Microbiota Modulation by a Pomegranate Extract Nutraceutical in Metabolic Syndrome: A Randomized Clinical Trial.

Molecular nutrition & food research , Volume: 65 Issue: 6 2021 Mar

Authors Cortés-Martín A,Iglesias-Aguirre CE,Meoro A,Selma MV,Espín JC

A pilot study on the relationship between Lactobacillus, Bifidobacterium counts and inflammatory factors following exercise training.

Archives of physiology and biochemistry , Volume: 129 Issue: 3 2023 Jun

Authors Mahdiah MS,Maryam J,Bita B,Neda F,Motahare M,Mahboobeh B,LeBris S Q,Kalani Behrooz S

California strawberry consumption increased the abundance of gut microorganisms related to lean body weight, health and longevity in healthy subjects.

Nutrition research (New York, N.Y.) , Volume: 85 2021 Jan

Authors Ezzat-Zadeh Z,Henning SM,Yang J,Woo SL, Lee RP,Huang J,Thames G,Gilbuena I,Tseng CH,Heber D,Li Z

Effects of Iron and Zinc Biofortified Foods on Gut Microbiota In Vivo (Gallus gallus): A Systematic Review.

Nutrients , Volume: 13 Issue: 1 2021 Jan 9

Authors Juste Contin Gomes M,Stampini Duarte Martino H,Tako E

Intratracheally instilled diesel PM(2.5) significantly altered the structure and composition of indigenous murine gut microbiota.

Ecotoxicology and environmental safety , Volume: 210 2021 Mar 1

Authors Liu Y,Wang T,Si B,Du H,Liu Y,Waqas A,Huang S,Zhao G,Chen S,Xu A

The Effect of Xyloligosaccharide, Xylan, and Whole Wheat Bran on the Human Gut Bacteria.

Frontiers in microbiology , Volume: 11 2020

Authors Chen M,Liu S,Imam KMSU,Sun L,Wang Y,Gu T,Wen B,Xin F

Combined Lycium barbarum polysaccharides and C-phycocyanin increase gastric Bifidobacterium relative abundance and protect against gastric ulcer caused by aspirin in rats.

Nutrition & metabolism , Volume: 18 Issue: 1 2021 Jan 6

Authors Hsieh SY,Lian YZ,Lin IH,Yang YC,Tinkov AA,Skalny AV,Chao JC

Blueberry and cranberry anthocyanin extracts reduce bodyweight and modulate gut microbiota in C57BL/6 J mice fed with a high-fat diet.

European journal of nutrition , 2021 Jan 3

Authors Liu J,Hao W,He Z,Kwek E,Zhu H,Ma N,Ma KY,Chen ZY

Combinatorial liposomes of berberine and curcumin inhibit biofilm formation and intracellular methicillin resistant Staphylococcus aureus infections and associated inflammation.

Journal of materials chemistry. B , Volume: 9 Issue: 3 2021 Jan 28

Authors Bhatia E,Sharma S,Jadhav K,Banerjee R

Pomegranate peel extract ameliorates the severity of experimental autoimmune encephalomyelitis via modulation of gut microbiota.

Gut microbes , Volume: 12 Issue: 1 2020 Nov 9

Authors Lu XY,Han B,Deng X,Deng SY,Zhang YY,Shen PX,Hui T,Chen RH,Li X,Zhang Y

Exopolysaccharides from Lactobacillus plantarum YW11 improve immune response and ameliorate inflammatory bowel disease symptoms.

Acta biochimica Polonica , Volume: 67 Issue: 4 2020 Dec 17

Authors Min Z,Xiaona H,Aziz T,Jian Z,Zhennai Y

The Fungal Microbiome and Asthma.

Frontiers in cellular and infection microbiology , Volume: 10 2020

Authors van Tilburg Bernardes E,Gutierrez MW,Arrieta MC

Effect of Bifidobacterium animalis subsp. lactis MN-Gup on constipation and the composition of gut microbiota.

Beneficial microbes , 2020 Dec 14

Authors Wang R,Sun J,Li G,Zhang M,Niu T,Kang X,Zhao H,Chen J,Sun E,Li Y

Cow, Goat, and Mare Milk Diets Differentially Modulated the Immune System and Gut Microbiota of Mice Colonized by Healthy Infant Feces.

Journal of agricultural and food chemistry , Volume: 68 Issue: 51 2020 Dec 23

Authors Li N,Xie Q,Chen Q,Evivie SE,Liu D,Dong J,Huo G,Li B

Characterization, activities, and ethnobotanical uses of Mentha species in Morocco.

Heliyon , Volume: 6 Issue: 11 2020 Nov

Authors El Hassani FZ

Administration of Saccharomyces boulardii maffio-1701 improves feed conversion ratio, promotes antioxidant capacity, alleviates intestinal inflammation and modulates gut microbiota in weaned piglets.

Journal of animal science and biotechnology , Volume: 11 Issue: 1 2020 Dec 4

Authors Zhang W,Bao C,Wang J,Zang J,Cao Y

Lycium barbarum polysaccharide attenuates myocardial injury in high-fat diet-fed mice through manipulating the gut microbiome and fecal metabolome.

Food research international (Ottawa, Ont.) , Volume: 138 Issue: Pt B 2020 Dec

Authors Zhang Z,Liu H,Yu B,Tao H,Li J,Wu Z,Liu G,Yuan C,Guo L,Cui B

Berberine improves colitis by triggering AhR activation by microbial tryptophan catabolites.

Pharmacological research , Volume: 164 2021 Feb

Authors Jing W,Dong S,Luo X,Liu J,Wei B,Du W,Yang L,Luo H,Wang Y,Wang S,Lu H

Green tea leaf powder prevents dyslipidemia in high-fat diet-fed mice by modulating gut microbiota.

Food & nutrition research , Volume: 64 2020

Authors Wang J,Li P,Liu S,Zhang B,Hu Y,Ma H,Wang S

Berberine compounds improves hyperglycemia via microbiome mediated colonic TGR5-GLP pathway in db/db mice.

Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 132 2020 Dec

Authors Li M,Zhou W,Dang Y,Li C, Ji G,Zhang L

Modulation of gut microbiota and intestinal barrier function during alleviation of antibiotic-associated diarrhea with *Rhizoma Zingiber officinale* (Ginger) extract.

Food & function , Volume: 11 Issue: 12 2020 Dec 1

Authors Ma ZJ ,Wang HJ ,Ma XJ ,Li Y ,Yang HJ ,Li H ,Su JR ,Zhang CE ,Huang LQ

Antibacterial Activity of Honey Samples from Ukraine.

Veterinary sciences , Volume: 7 Issue: 4 2020 Nov 20

Authors Cilia G,Fratini F,Marchi M,Saguna S,Turchi B,Adamchuk L,Felicioli A,Kacániová M

Adjunctive treatment with probiotics partially alleviates symptoms and reduces inflammation in patients with irritable bowel syndrome.

European journal of nutrition , 2020 Nov 22

Authors Xu H,Ma C,Zhao F,Chen P,Liu Y,Sun Z,Cui L,Kwok LY,Zhang H

Lactobacillus plantarum relieves diarrhea caused by enterotoxin-producing *Escherichia coli* through inflammation modulation and gut microbiota regulation.

Food & function , Volume: 11 Issue: 12 2020 Dec 1

Authors Yue Y ,He Z ,Zhou Y ,Ross RP ,Stanton C ,Zhao J ,Zhang H ,Yang B ,Chen W

The Impact of Air Pollution on Intestinal Microbiome of Asthmatic Children: A Panel Study.

BioMed research international , Volume: 2020 2020

Authors Zheng P,Zhang B,Zhang K,Lv X,Wang Q,Bai X

The Impact of Air Pollution on Intestinal Microbiome of Asthmatic Children: A Panel Study.

BioMed research international , Volume: 2020 2020

Authors Zheng P,Zhang B,Zhang K,Lv X,Wang Q,Bai X

Modulation of the Gut Microbiome and Obesity Biomarkers by Lactobacillus Plantarum KC28 in a Diet-Induced Obesity Murine Model.

Probiotics and antimicrobial proteins , 2020 Nov 14

Authors Huang E,Kim S,Park H,Park S, Ji Y,Todorov SD,Lim SD,Holzapfel WH

Minor Changes in the Composition and Function of the Gut Microbiota During a 12-Week Whole Grain Wheat or Refined Wheat Intervention Correlate with Liver Fat in Overweight and Obese Adults.

The Journal of nutrition , Volume: 151 Issue: 3 2021 Mar 11

Authors van Trijp MPH,Schutte S,Esser D,Wopereis S,Hoevenaars FPM,Hooiveld GJEJ,Afman LA

Dynamic gut microbiome changes to low-iron challenge.

Applied and environmental microbiology , 2020 Nov 13

Authors Coe GL,Pinkham NV,Celis AI,Johnson C,DuBois JL,Walk ST

Effects of Labrador Tea, Peppermint, and Winter Savory Essential Oils on *Fusobacterium nucleatum*.

Antibiotics (Basel, Switzerland) , Volume: 9 Issue: 11 2020 Nov 10

Authors Ben Lagha A,Vaillancourt K,Maquera Huacho P,Grenier D

Effect of Five Commercial Probiotic Formulations on *Candida Albicans* Growth: In Vitro Study.

The Journal of clinical pediatric dentistry , Volume: 44 Issue: 5 2020 Sep 1

Authors Hernández-Bautista LM,Márquez-Preciado R,Ortiz-Magdaleno M,Pozos-Guillén A,Aranda-Romo S,Sánchez-Vargas LO

Alginate- and Gelatin-Coated Apple Pieces as Carriers for *Bifidobacterium animalis* subsp. *lactis* DSM 10140.

Frontiers in microbiology , Volume: 11 2020

Authors Campaniello D,Bevilacqua A,Speranza B,Sinigaglia M,Corbo MR

Curcumin inhibits lipopolysaccharide and lipoteichoic acid-induced expression of proinflammatory cytokines and production of PGE(2) in the primary bubaline endometrial stromal cells.

Molecular biology reports , Volume: 47 Issue: 12 2020 Dec

Authors Ali A,Dar RR,Ahmad SF,Singh SK,Patra MK,Panigrahi M,Kumar H,Krishnaswamy N

Black garlic melanoidins prevent obesity, reduce serum LPS levels and modulate the gut microbiota composition in high-fat diet-induced obese C57BL/6J mice.

Food & function , Volume: 11 Issue: 11 2020 Nov 18

Authors Wu J,Liu Y,Dou Z,Wu T,Liu R,Sui W,Jin Y,Zhang M

Enterococcus faecium R0026 combined with *Bacillus subtilis* R0179 prevent obesity-associated hyperlipidaemia and modulate gut microbiota in C57BL/6 mice.

Journal of microbiology and biotechnology , 2020 Oct 20

Authors Huang J,Huang J,Yin T,Lv H,Zhang P,Li H

Pinto beans modulate the gut microbiome, augment MHC II protein, and antimicrobial peptide gene expression in mice fed

[a normal or western-style diet.](#)

The Journal of nutritional biochemistry , Volume: 88 2021 Feb

Authors Ojo BA,Lu P,Alake SE,Keirns B,Anderson K,Gallucci G,Hart MD,El-Rassi GD,Ritchey JW,Chowanadisai W,Lin D,Clarke S,Smith BJ,Lucas EA

[Chemical Composition and Antimicrobial Activity of Selected Essential Oils against Staphylococcus spp. Isolated from Human Semen.](#)

Antibiotics (Basel, Switzerland) , Volume: 9 Issue: 11 2020 Oct 31

Authors Kacániová M,Terentjeva M,Štefániková J,Žiarovská J,Savitskaya T,Grinshpan D,Kowalczewski PL,Vukovic N,Tvrđá E

[Assessing the Effects of Ginger Extract on Polyphenol Profiles and the Subsequent Impact on the Fecal Microbiota by Simulating Digestion and Fermentation In Vitro.](#)

Nutrients , Volume: 12 Issue: 10 2020 Oct 19

Authors Wang J,Chen Y,Hu X,Feng F,Cai L,Chen F

[The in vitro Effects of the Probiotic Strain, Lactobacillus casei ZX633 on Gut Microbiota Composition in Infants With Diarrhea.](#)

Frontiers in cellular and infection microbiology , Volume: 10 2020

Authors Wang X,Zhang M,Wang W,Lv H,Zhang H,Liu Y,Tan Z

[A Holistic View of Berberine Inhibiting Intestinal Carcinogenesis in Conventional Mice Based on Microbiome-Metabolomics Analysis.](#)

Frontiers in immunology , Volume: 11 2020

Authors Chen H,Zhang F,Zhang J,Zhang X,Guo Y,Yao Q

[Distinct Effects of Milks From Various Animal Types on Infant Fecal Microbiota Through in vitro Fermentations.](#)

Frontiers in microbiology , Volume: 11 2020

Authors Li N,Li B,Guan J,Shi J,Evivie SE,Zhao L,Huo G,Wang S

[Chemical composition and antimycoplasma activity of a brown propolis from southern Brazil.](#)

Journal of food science and technology , Volume: 57 Issue: 11 2020 Nov

Authors do Nascimento Araújo C,Mayworm MAS,Yatsuda R,Negri G,Salatino MLF,Salatino A,Timenetsky J,Campos GB

[Oat bran and wheat bran impact net energy by shaping microbial communities and fermentation products in pigs fed diets with or without xylanase.](#)

Journal of animal science and biotechnology , Volume: 11 2020

Authors Lyu Z,Wang L,Wang J,Wang Z,Zhang S,Wang J,Cheng J,Lai C

[Dietary Epigallocatechin-3-Gallate Alters the Gut Microbiota of Obese Diabetic db/db Mice: Lactobacillus Is a Putative Target.](#)

Journal of medicinal food , Volume: 23 Issue: 10 2020 Oct

Authors Park JM,Shin Y,Kim SH,Jin M,Choi JJ

[Bacillus subtilis and Enterococcus faecium co-fermented feed regulates lactating sow's performance, immune status and gut microbiota.](#)

Microbial biotechnology , Volume: 14 Issue: 2 2021 Mar

Authors Wang C,Wei S,Xu B,Hao L,Su W,Jin M,Wang Y

[Intermittent Fasting Improves Cardiometabolic Risk Factors and Alters Gut Microbiota in Metabolic Syndrome Patients.](#)

The Journal of clinical endocrinology and metabolism , Volume: 106 Issue: 1 2021 Jan 1

Authors Guo Y,Luo S,Ye Y,Yin S,Fan J,Xia M

[Effect of Combined Live Probiotics Alleviating the Gastrointestinal Symptoms of Functional Bowel Disorders.](#)

Gastroenterology research and practice , Volume: 2020 2020

Authors Shi J,Gao F,Zhang J

[Bifidobacterium bifidum TMC3115 ameliorates milk protein allergy in by affecting gut microbiota: A randomized double-blind control trial.](#)

Journal of food biochemistry , Volume: 44 Issue: 11 2020 Nov

Authors Jing W,Liu Q,Wang W

[Investigation on the biofilm eradication potential of selected medicinal plants against methicillin-resistant Staphylococcus aureus.](#)

Biotechnology reports (Amsterdam, Netherlands) , Volume: 28 2020 Dec

Authors S LP,A U,S J GF

[The Influence of Essential Oils on Gut Microbial Profiles in Pigs.](#)

Animals : an open access journal from MDPI , Volume: 10 Issue: 10 2020 Sep 24

Authors Ruzauskas M,Bartkiene E,Stankevicius A,Bernatoniene J,Zadeike D,Lele V,Starkute V,Zavistanaviciute P,Grigas J,Zokaityte E,Pautienius A,Juodeikiene G,Jakstas V

[In Vitro Digestion and Fermentation by Human Fecal Microbiota of Polysaccharides from Flaxseed.](#)

Molecules (Basel, Switzerland) , Volume: 25 Issue: 19 2020 Sep 23

Authors Zhou X,Zhang Z,Huang F,Yang C,Huang Q

[Does Curcumin Have a Role in the Interaction between Gut Microbiota and Schistosoma mansoni in Mice?](#)

Pathogens (Basel, Switzerland) , Volume: 9 Issue: 9 2020 Sep 19

Authors Anter A,El-Ghany MA,Abou El Dahab M,Mahana N

[Feasibility and effects on the gut microbiota of a 12-week high-intensity interval training plus lifestyle education intervention on inactive adults with celiac disease.](#)

Applied physiology, nutrition, and metabolism = Physiologie appliquee, nutrition et metabolisme , Volume: 46 Issue: 4 2021 Apr

Authors Warbeck C,Dowd AJ,Kronlund L,Parmer C,Daun JT,Wytsma-Fisher K,Millet GY,Schick A,Reimer RA,Fung T,Culos-Reed SN

[Anti-Biofilm Activity of Cell-Free Supernatant of Saccharomyces cerevisiae against Staphylococcus aureus.](#)

Journal of microbiology and biotechnology , Volume: 30 Issue: 12 2020 Dec 28

Authors Kim YJ,Yu HH,Park YJ,Lee NK,Paik HD

[Modulatory Effects of Triphala and Manjistha Dietary Supplementation on Human Gut Microbiota: A Double-Blind, Randomized, Placebo-Controlled Pilot Study.](#)

Journal of alternative and complementary medicine (New York, N.Y.) , 2020 Sep 18

Authors Peterson CT,Pourang A,Dhaliwal S,Kohn JN,Uchitel S,Singh H,Mills PJ,Peterson SN,Sivamani RK

[Effects of Brazilian green propolis extract on planktonic cells and biofilms of multidrug-resistant strains of Klebsiella pneumoniae and Pseudomonas aeruginosa.](#)

Biofouling , Volume: 36 Issue: 7 2020 Aug

Authors Santos PBDRED,Ávila DDS,Ramos LP,Yu AR,Santos CEDR,Berretta AA,Camargo SEA,Oliveira JR,Oliveira LD

[Berberine alleviates type 2 diabetic symptoms by altering gut microbiota and reducing aromatic amino acids.](#)

Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 131 2020 Nov

Authors Yao Y,Chen H,Yan L,Wang W,Wang D

[Mechanistic insights into the structure-dependant and strain-specific utilization of wheat arabinoxylan by Bifidobacterium longum.](#)

Carbohydrate polymers , Volume: 249 2020 Dec 1

Authors Song AX,Li LQ,Yin JY,Chiou JC,Wu JY

[Modifications of Gut Microbiota after Grape Pomace Supplementation in Subjects at Cardiometabolic Risk: A Randomized Cross-Over Controlled Clinical Trial.](#)

Foods (Basel, Switzerland) , Volume: 9 Issue: 9 2020 Sep 11

Authors Ramos-Romero S,Martínez-Maqueada D,Hereu M,Amézqueta S,Torres JL,Pérez-Jiménez J

[Cultural isolation of spore-forming bacteria in human feces using bile acids.](#)

Scientific reports , Volume: 10 Issue: 1 2020 Sep 14

Authors Tanaka M,Onizuka S,Mishima R,Nakayama J

[Relative abundance of the Prevotella genus within the human gut microbiota of elderly volunteers determines the inter-individual responses to dietary supplementation with wheat bran arabinoxylan-oligosaccharides.](#)

BMC microbiology , Volume: 20 Issue: 1 2020 Sep 14

Authors Chung WSF,Walker AW,Boscher D,Garcia-Campayo V,Wagner J,Parkhill J,Duncan SH,Flint HJ

[Brazilian southeast brown propolis: gas chromatography method development for its volatile oil analysis, its antimicrobial and leishmanicidal activities evaluation.](#)

Phytochemical analysis : PCA , Volume: 32 Issue: 3 2021 May

Authors Ribeiro VP,Arruda C,Mejía JAA,Candido ACBB,Dos Santos RA,Magalhães LG,Bastos JK

[Effect of Alliaceae Extract Supplementation on Performance and Intestinal Microbiota of Growing-Finishing Pig](#)

Animals : an open access journal from MDPI , Volume: 10 Issue: 9 2020 Sep 2

Authors Sánchez CJ,Martínez-Miró S,Ariza JJ,Madrid J,Orengo J,Aguinaga MA,Baños A,Hernández F

[Antibacterial Activity and Mechanism of Ginger Essential Oil against Escherichia coli and Staphylococcus aureus.](#)

Molecules (Basel, Switzerland) , Volume: 25 Issue: 17 2020 Aug 30

Authors Wang X,Shen Y,Thakur K,Han J,Zhang JG,Hu F,Wei ZJ

[The effects of dairy and dairy derivatives on the gut microbiota: a systematic literature review.](#)

Gut microbes , Volume: 12 Issue: 1 2020 Nov 9

Authors Aslam H,Marx W,Rocks T,Loughman A,Chandrasekaran V,Ruusunen A,Dawson SL,West M,Mullarkey E,Pasco JA,Jacka FN

[Reciprocal Interactions between Epigallocatechin-3-gallate \(EGCG\) and Human Gut Microbiota In Vitro.](#)

Journal of agricultural and food chemistry , Volume: 68 Issue: 36 2020 Sep 9

Authors Liu Z,de Bruijn WJC,Bruins ME,Vincken JP

[Impacts of Habitual Diets Intake on Gut Microbial Counts in Healthy Japanese Adults.](#)

Nutrients , Volume: 12 Issue: 8 2020 Aug 12

Authors Sugimoto T,Shima T,Amamoto R,Kaga C,Kado Y,Watanabe O,Shiinoki J,Iwazaki K,Shigemura H,Tsuji H,Matsumoto S

[Modulation of gut microbiota mediates berberine-induced expansion of immuno-suppressive cells to against alcoholic liver](#)

disease.

Clinical and translational medicine , Volume: 10 Issue: 4 2020 Aug

Authors Li S,Wang N,Tan HY,Chueng F,Zhang Z,Yuen MF,Feng Y

Lactobacillus plantarum PS128 Improves Physiological Adaptation and Performance in Triathletes through Gut Microbiota Modulation.

Nutrients , Volume: 12 Issue: 8 2020 Aug 1

Authors Huang WC,Pan CH,Wei CC,Huang HY

Impact of Heat-Killed Lactobacillus casei Strain IMAU60214 on the Immune Function of Macrophages in Malnourished Children.

Nutrients , Volume: 12 Issue: 8 2020 Jul 31

Authors Rocha-Ramírez LM,Hernández-Ochoa B,Gómez-Manzo S,Marcial-Quino J,Cárdenas-Rodríguez N,Centeno-Leija S,García-Garibay M

High Salt Elicits Brain Inflammation and Cognitive Dysfunction, Accompanied by Alterations in the Gut Microbiota and Decreased SCFA Production.

Journal of Alzheimer`s disease : JAD , 2020 Jul 25

Authors Hu L,Zhu S,Peng X,Li K,Peng W,Zhong Y,Kang C,Cao X,Liu Z,Zhao B

Dietary Mannan-oligosaccharides potentiate the beneficial effects of Bifidobacterium bifidum in broiler chicken.

Letters in applied microbiology , Volume: 71 Issue: 5 2020 Nov

Authors Dev K,Akbar Mir N,Biswas A,Kannoujia J,Begum J,Kant R

Curcumin, a Natural Antimicrobial Agent with Strain-Specific Activity.

Pharmaceuticals (Basel, Switzerland) , Volume: 13 Issue: 7 2020 Jul 16

Authors Adamczak A,Ozarowski M,Karpinski TM

Long-term Consumption of 2-O-?-D-Glucopyranosyl-L-ascorbic Acid from the Fruits of Lycium barbarum Modulates Gut Microbiota in C57BL/6 Mice.

Journal of agricultural and food chemistry , 2020 Jul 24

Authors Dong W,Huang K,Yan Y,Wan P,Peng Y,Zeng X,Cao Y

Enterococcus faecium Modulates the Gut Microbiota of Broilers and Enhances Phosphorus Absorption and Utilization.

Animals : an open access journal from MDPI , Volume: 10 Issue: 7 2020 Jul 20

Authors Wang W,Cai H,Zhang A,Chen Z,Chang W,Liu G,Deng X,Bryden WL,Zheng A

Early supplementation of Saccharomyces cerevisiae boulardii CNCM I-1079 in newborn dairy calves increases IgA production in the intestine at 1 week of age.

Journal of dairy science , Volume: 103 Issue: 9 2020 Sep

Authors Villot C,Chen Y,Pedgerachny K,Chaucheyras-Durand F,Chevaux E,Skidmore A,Guan LL,Steele MA

Sex-Specific Differences in the Gut Microbiome in Response to Dietary Fiber Supplementation in IL-10-Deficient Mice.

Nutrients , Volume: 12 Issue: 7 2020 Jul 15

Authors Zhang Z,Hyun JE,Thiesen A,Park H,Hotte N,Watanabe H,Higashiyama T,Madsen KL

Effects of banana powder (Musa acuminata Colla) on the composition of human fecal microbiota and metabolic output using in vitro fermentation.

Journal of food science , Volume: 85 Issue: 8 2020 Aug

Authors Tian DD,Xu XQ,Peng Q,Zhang YW,Zhang PB,Qiao Y,Shi B

Dietary α -Linolenic Acid-Rich Flaxseed Oil Exerts Beneficial Effects on Polycystic Ovary Syndrome Through Sex Steroid Hormones-Microbiota-Inflammation Axis in Rats.

Frontiers in endocrinology , Volume: 11 2020

Authors Wang T,Sha L,Li Y,Zhu L,Wang Z,Li K,Lu H,Bao T,Guo L,Zhang X,Wang H

Effect of banana pulp dietary fibers on metabolic syndrome and gut microbiota diversity in high-fat diet mice.

Journal of food biochemistry , 2020 Jul 14

Authors Wei G,Ye Y,Yan X,Chao X,Yang F,Wang M,Zhang W,Yuan C,Zeng Q

The influence of *Adadirachta indica*, *Melaleuca alternifolia*, and *Cocos nucifera* on *Candida albicans* strain in tissue conditioner at varying time intervals.

Journal of Indian Prosthodontic Society , Volume: 20 Issue: 2 2020 Apr-Jun

Authors Kumar PS

Anti-Obesity Effect of Lactobacillus plantarum LB818 Is Associated with Regulation of Gut Microbiota in High-Fat Diet-Fed Obese Mice.

Journal of medicinal food , Volume: 23 Issue: 7 2020 Jul

Authors Hussain A,Kwon MH,Kim HK,Lee HS,Cho JS,Lee YI

Unveiling the Mechanism of Action of 7 α -acetoxy-6 β -hydroxyroyleanone on an MRSA/VISA Strain: Membrane and Cell Wall Interactions.

Biomolecules , Volume: 10 Issue: 7 2020 Jun 30

Authors Pereira F,Figueiredo T,de Almeida RFM,Antunes CAC,Garcia C,Reis CP,Ascensão L,Sobral RG,Rijo P

[Exercise training modulates the gut microbiota profile and impairs inflammatory signaling pathways in obese children.](#)

Experimental & molecular medicine , Volume: 52 Issue: 7 2020 Jul

Authors Quiroga R,Nistal E,Estébanez B,Porras D,Juárez-Fernández M,Martínez-Flórez S,García-Mediavilla MV,de Paz JA,González-Gallego J,Sánchez-Campos S,Cuevas MJ

[Bile Acid Supplementation Improves Murine Pancreatitis in Association With the Gut Microbiota.](#)

Frontiers in physiology , Volume: 11 2020

Authors Wan YD,Zhu RX,Pan XT,Sun TW

[Green Tea Encourages Growth of *Akkermansia muciniphila*.](#)

Journal of medicinal food , 2020 Jun 25

Authors Jeong HW,Kim JK,Kim AY,Cho D,Lee JH,Choi JK,Park M,Kim W

[Effects of phenolic and protein extracts from *Melipona beecheii* honey on pathogenic strains of *Escherichia coli* and *Staphylococcus aureus*.](#)

Food science and biotechnology , Volume: 29 Issue: 7 2020 Jul

Authors Ramón-Sierra J,Martínez-Guevara JL,Pool-Yam L,Magaña-Ortiz D,Yam-Puc A,Ortiz-Vázquez E

[Amoxicillin Increased Functional Pathway Genes and Beta-Lactam Resistance Genes by Pathogens Bloomed in Intestinal Microbiota Using a Simulator of the Human Intestinal Microbial Ecosystem.](#)

Frontiers in microbiology , Volume: 11 2020

Authors Liu L,Wang Q,Lin H,Das R,Wang S,Qi H,Yang J,Xue Y,Mao D,Luo Y

[Rosemary and Tea Tree Essential Oils Exert Antibiofilm Activities In Vitro against *Staphylococcus aureus* and *Escherichia coli*.](#)

Journal of food protection , Volume: 83 Issue: 7 2020 Jul 1

Authors Liu T,Wang J,Gong X,Wu X,Liu L,Chi F

[\[Anti-microbial activity of *Rosmarinus officinalis* and *Zingiber officinale* extracts on the species of the genus *Candida* and on *Streptococcus pneumoniae*\].](#)

Annales pharmaceutiques francaises , Volume: 79 Issue: 1 2021 Jan

Authors Akroum S

[Antioxidant and antimicrobial activity of red propolis embedded mesoporous silica nanoparticles.](#)

Drug development and industrial pharmacy , Volume: 46 Issue: 7 2020 Jul

Authors Azevedo de M Oliveira LF,Teles da Silva LVA,do Nascimento TG,de Almeida LM,Calumby RJN,Nunes ÁM,de Magalhães Oliveira LMT,da Silva Fonseca EJ

[Thyroid-Gut-Axis: How Does the Microbiota Influence Thyroid Function?](#)

Nutrients , Volume: 12 Issue: 6 2020 Jun 12

Authors Knezevic J,Starchl C,Tmava Berisha A,Amrein K

[Innate Immune Response against *Staphylococcus aureus* Preincubated with Subinhibitory Concentration of trans-Anethole.](#)

International journal of molecular sciences , Volume: 21 Issue: 11 2020 Jun 11

Authors Kwiatkowski P,Wojciuk B,Wojciechowska-Koszko I,Lopusiewicz L,Grygorcewicz B,Pruss A,Sienkiewicz M,Fijalkowski K,Kowalczyk E,Dolegowska B

[Time-restricted feeding is associated with changes in human gut microbiota related to nutrient intake.](#)

Nutrition (Burbank, Los Angeles County, Calif.) , Volume: 78 2020 Oct

Authors Zeb F,Wu X,Chen L,Fatima S,Ijaz-Ul-Haq,Chen A,Xu C,Jianglei R,Feng Q,Li M

[Antioxidant, Anti-Inflammatory, and Microbial-Modulating Activities of Essential Oils: Implications in Colonic Pathophysiology.](#)

International journal of molecular sciences , Volume: 21 Issue: 11 2020 Jun 10

Authors Spisni E,Petrocelli G,Imbesi V,Spigarelli R,Azzinnari D,Donati Sarti M,Campieri M,Valerii MC

[The ameliorative effect of *Lactobacillus plantarum* Y44 oral administration on inflammation and lipid metabolism in obese mice fed with a high fat diet.](#)

Food & function , Volume: 11 Issue: 6 2020 Jun 24

Authors Liu Y,Gao Y,Ma F,Sun M,Mu G,Tuo Y

[Green approach in food nanotechnology based on subcritical water: effects of thyme oil and saponin on characteristics of the prepared oil in water nanoemulsions.](#)

Food science and biotechnology , Volume: 29 Issue: 6 2020 Jun

Authors Ahmadi O,Jafarizadeh-Malmiri H

[Thymus vulgaris L. Essential Oil Solid Formulation: Chemical Profile and Spasmolytic and Antimicrobial Effects.](#)

Biomolecules , Volume: 10 Issue: 6 2020 Jun 4

Authors Micucci M,Protti M,Aldini R,Frosini M,Corazza I,Marzetti C,Mattioli LB,Tocci G,Chiarini A,Mercolini L,Budriesi R

[Moxifloxacin versus amoxicillin plus metronidazole as adjunctive therapy for generalized aggressive periodontitis: a pilot randomized controlled clinical trial.](#)

Quintessence international (Berlin, Germany : 1985) , Volume: 51 Issue: 8 2020

Authors Ardila CM,Flórez-Flórez J,Castañeda-Parra LD,Guzmán IC,Bedoya-García JA

Resistant dextrin improves high-fat-high-fructose diet induced insulin resistance.

Nutrition & metabolism , Volume: 17 2020

Authors Hu F,Niu Y,Xu X,Hu Q,Su Q,Zhang H

Dietary supplementation with Lactobacillus plantarum modified gut microbiota, bile acid profile and glucose homeostasis in weaning piglets.

The British journal of nutrition , Volume: 124 Issue: 8 2020 Oct 28

Authors Lin S,Yang X,Long Y,Zhong H,Wang P,Yuan P,Zhang X,Che L,Feng B,Li J,Zhuo Y,Lin Y,Xu S,Wu D,Fang Z

Effect of long-term consumption of tea (Camellia sinensis L.) flower polysaccharides on maintaining intestinal health in BALB/c mice.

Journal of food science , Volume: 85 Issue: 6 2020 Jun

Authors Chen D,Ding Y,Ye H,Sun Y,Zeng X

Chemical Composition and Antioxidant, Antimicrobial, and Antiproliferative Activities of Cinnamomum zeylanicum Bark Essential Oil.

Evidence-based complementary and alternative medicine : eCAM , Volume: 2020 2020

Authors Alizadeh Behbahani B,Falah F,Lavi Arab F,Vasiee M,Tabatabaee Yazdi F

Berberine Damages the Cell Surface of Methicillin-Resistant Staphylococcus aureus.

Frontiers in microbiology , Volume: 11 2020

Authors Zhang X,Sun X,Wu J,Wu Y,Wang Y,Hu X,Wang X

Lactobacillus plantarum FRT10 alleviated high-fat diet-induced obesity in mice through regulating the PPARα signal pathway and gut microbiota.

Applied microbiology and biotechnology , Volume: 104 Issue: 13 2020 Jul

Authors Cai H,Wen Z,Li X,Meng K,Yang P

[Discussion on the curative effect and mechanisms of berberine in rats with non-alcoholic fatty liver].

Zhonghua gan zang bing za zhi = Zhonghua ganzangbing zazhi = Chinese journal of hepatology , Volume: 28 Issue: 4 2020 Apr 20

Authors Li DH,Liu YT,Hao SR,Zheng JM,Hou HT,Wang YZ

Characteristics of the Gut Microbiome of Healthy Young Male Soldiers in South Korea: The Effects of Smoking.

Gut and liver , Volume: 15 Issue: 2 2021 Mar 15

Authors Yoon H,Lee DH,Lee JH,Kwon JE,Shin CM,Yang SJ,Park SH,Lee JH,Kang SW,Lee JS,Kim BY

Green tea polyphenols boost gut-microbiota-dependent mitochondrial TCA and urea cycles in Sprague-Dawley rats.

The Journal of nutritional biochemistry , Volume: 81 2020 Jul

Authors Zhou J,Tang L,Shen CL,Wang JS

Berberine and its structural analogs have differing effects on functional profiles of individual gut microbiomes.

Gut microbes , Volume: 11 Issue: 5 2020 Sep 2

Authors Li L,Chang L,Zhang X,Ning Z,Mayne J,Ye Y,Stintzi A,Liu J,Figeys D

Administration of Bifidobacterium bifidum CGMCC 15068 modulates gut microbiota and metabolome in azoxymethane (AOM)/dextran sulphate sodium (DSS)-induced colitis-associated colon cancer (CAC) in mice.

Applied microbiology and biotechnology , Volume: 104 Issue: 13 2020 Jul

Authors Wang Q,Wang K,Wu W,Lv L,Bian X,Yang L,Wang Q,Li Y,Ye J,Fang D,Wu J,Jiang X,Xie J,Lu Y,Li L

Efficacy of green tea and its extract, epigallocatechin-3-gallate, in the reduction of cariogenic microbiota in children: a randomized clinical trial.

Archives of oral biology , Volume: 114 2020 Jun

Authors Vilela MM,Salvador SL,Teixeira IGL,Del Arco MCG,De Rossi A

Supplemental <i>Clostridium butyricum</i> Modulates Lipid Metabolism Through Shaping Gut Microbiota and Bile Acid Profile of Aged Laying Hens.

Frontiers in microbiology , Volume: 11 2020

Authors Wang WW,Wang J,Zhang HJ,Wu SG,Qi GH

In-vitro antibacterial effect of tea polyphenols combined with common antibiotics on multidrug-resistant Klebsiella pneumoniae.

Minerva medica , Volume: 111 Issue: 6 2020 Dec

Authors Zhang N,Liu W,Qian K

<i>Lactobacillus paracasei</i> subsp. <i>paracasei</i> NTU 101 lyophilized powder improves loperamide-induced constipation in rats.

Heliyon , Volume: 6 Issue: 4 2020 Apr

Authors Chen CL,Chao SH,Pan TM

Preventive Effects of Kaempferol on High-Fat Diet-Induced Obesity Complications in C57BL/6 Mice.

BioMed research international , Volume: 2020 2020

Authors Wang T,Wu Q,Zhao T

[Lactobacillus plantarum NA136 ameliorates nonalcoholic fatty liver disease by modulating gut microbiota, improving intestinal barrier integrity, and attenuating inflammation.](#)**Applied microbiology and biotechnology , Volume: 104 Issue: 12 2020 Jun**

Authors Zhao Z,Chen L,Zhao Y,Wang C,Duan C,Yang G,Niu C,Li S

[Effect of resveratrol on intestinal tight junction proteins and the gut microbiome in high-fat diet-fed insulin resistant mice.](#)**International journal of food sciences and nutrition , Volume: 71 Issue: 8 2020 Dec**

Authors Chen K,Zhao H,Shu L,Xing H,Wang C,Lu C,Song G

[Effect of probiotics on gut microbiome in patients with administration of surgical antibiotic prophylaxis: A randomized controlled study.](#)**Journal of infection and chemotherapy : official journal of the Japan Society of Chemotherapy , Volume: 26 Issue: 8 2020 Aug**

Authors Kaku N,Matsumoto N,Sasaki D,Tsuda K,Kosai K,Uno N,Morinaga Y,Tagami A,Adachi S,Hasegawa H,Osaki M,Yanagihara K

[Consumption of two whole kiwifruit \(Actinide chinensis\) per day improves lipid homeostasis, fatty acid metabolism and gut microbiota in healthy rats.](#)**International journal of biological macromolecules , Volume: 156 2020 Apr 9**

Authors Alim A,Li T,Nisar T,Ren D,Liu Y,Yang X

[Regulatory effects of Lactobacillus plantarum HY7714 on skin health by improving intestinal condition.](#)**PloS one , Volume: 15 Issue: 4 2020**

Authors Nam B,Kim SA,Park SD,Kim HJ,Kim JS,Bae CH,Kim JY,Nam W,Lee JL,Sim JH

[Conserved and variable responses of the gut microbiome to resistant starch type 2](#)**Nutrition research (New York, N.Y.) , Volume: 77 2020 Feb 22**

Authors Bendiks ZA,Knudsen KEB,Keenan MJ,Marco ML

[Effectiveness of an oral care tablet containing kiwifruit powder in reducing oral bacteria in tongue coating: A crossover trial.](#)**Clinical and experimental dental research , Volume: 6 Issue: 2 2020 Apr**

Authors Matsumura Y,Hinode D,Fukui M,Yoshioka M,Asakuma H,Takii H

[Grape Extract Activates Brown Adipose Tissue Through Pathway Involving the Regulation of Gut Microbiota and Bile Acid.](#)**Molecular nutrition & food research , 2020 Apr 5**

Authors Han X,Guo J,Yin M,Liu Y,You Y,Zhan J,Huang W

[Beneficial effects of flaxseed polysaccharides on metabolic syndrome via gut microbiota in high-fat diet fed mice.](#)**Food research international (Ottawa, Ont.) , Volume: 131 2020 May**

Authors Yang C,Xu Z,Deng Q,Huang Q,Wang X,Huang F

[Effects of caspofungin, tolcapone and other FDA-approved medications on MRSA susceptibility to vancomycin.](#)**Journal of global antimicrobial resistance , Volume: 22 2020 Sep**

Authors Moore JA,Meakin M,Earl MH,Kummer TM,McAleer JP,Long TE

[Chinese Propolis Prevents Obesity and Metabolism Syndromes Induced by a High Fat Diet and Accompanied by an Altered Gut Microbiota Structure in Mice.](#)**Nutrients , Volume: 12 Issue: 4 2020 Mar 30**

Authors Zheng Y,Wu Y,Tao L,Chen X,Jones TJ,Wang K,Hu F

[Effect of Berberine on Atherosclerosis and Gut Microbiota Modulation and Their Correlation in High-Fat Diet-Fed ApoE^{-/-} Mice.](#)**Frontiers in pharmacology , Volume: 11 2020**

Authors Wu M,Yang S,Wang S,Cao Y,Zhao R,Li X,Xing Y,Liu L

[Maternal sucralose intake alters gut microbiota of offspring and exacerbates hepatic steatosis in adulthood.](#)**Gut microbes , Volume: 11 Issue: 4 2020 Jul 3**

Authors Dai X,Guo Z,Chen D,Li L,Song X,Liu T,Jin G,Li Y,Liu Y,Ajiguli A,Yang C,Wang B,Cao H

[Dynamic changes in gut microbiota under the influence of smoking and TNF- \$\alpha\$ -blocker in patients with ankylosing spondylitis.](#)**Clinical rheumatology , Volume: 39 Issue: 9 2020 Sep**

Authors Zhang F,Ma C,Zhang B,Bi L

[Identification of essential oils with activity against stationary phase Staphylococcus aureus.](#)**BMC complementary medicine and therapies , Volume: 20 Issue: 1 2020 Mar 24**

Authors Xiao S,Cui P,Shi W,Zhang Y

[The effects of daily fasting hours on shaping gut microbiota in mice.](#)**BMC microbiology , Volume: 20 Issue: 1 2020 Mar 24**

Authors Li L,Su Y,Li F,Wang Y,Ma Z,Li Z,Su J

Synergistic antibacterial, antifungal and antioxidant efficacy of cinnamon and clove essential oils in combination.

Archives of microbiology , Volume: 202 Issue: 6 2020 Aug

Authors Purkait S,Bhattacharya A,Bag A,Chattopadhyay RR

Antioxidant properties and antimicrobial activity of manuka honey versus Polish honeys.

Journal of food science and technology , Volume: 57 Issue: 4 2020 Apr

Authors Goslinski M,Nowak D,Klebukowska L

Ethanol extract of propolis prevents high-fat diet-induced insulin resistance and obesity in association with modulation of gut microbiota in mice.

Food research international (Ottawa, Ont.) , Volume: 130 2020 Apr

Authors Cai W,Xu J,Li G,Liu T,Guo X,Wang H,Luo L

Bacillus coagulans SANK 70258 suppresses Enterobacteriaceae in the microbiota of ulcerative colitis in vitro and enhances butyrogenesis in healthy microbiota.

Applied microbiology and biotechnology , Volume: 104 Issue: 9 2020 May

Authors Sasaki K,Sasaki D,Inoue J,Hoshi N,Maeda T,Yamada R,Kondo A

Air pollution exposure is associated with the gut microbiome as revealed by shotgun metagenomic sequencing.

Environment international , Volume: 138 2020 May

Authors Fouladi F,Bailey MJ,Patterson WB,Sioda M,Blakley IC,Fodor AA,Jones RB,Chen Z,Kim JS,Lurmann F,Martino C,Knight R,Gilliland FD,Alderete TL

Effect of Saccharomyces boulardii CNCM I-745 as complementary treatment of Helicobacter pylori infection on gut microbiome.

European journal of clinical microbiology & infectious diseases : official publication of the European Society of Clinical Microbiology , Volume: 39 Issue: 7 2020 Jul

Authors Cárdenas PA,Garcés D,Prado-Vivar B,Flores N,Fornasini M,Cohen H,Salvador I,Cargua O,Baldeón ME

Stable Colonization of Orally Administered Lactobacillus casei SY13 Alters the Gut Microbiota.

BioMed research international , Volume: 2020 2020

Authors Yue Y,Xu X,Yang B,Lu J,Zhang S,Liu L,Nassar K,Zhang C,Zhang M,Pang X,Lv J

Effects of whole-grain wheat, rye, and lignan supplementation on cardiometabolic risk factors in men with metabolic syndrome: a randomized crossover trial.

The American journal of clinical nutrition , Volume: 111 Issue: 4 2020 Apr 1

Authors Eriksen AK,Brunius C,Mazidi M,Hellström PM,Risérus U,Iversen KN,Fristedt R,Sun L,Huang Y,Nørskov NP,Knudsen KEB,Kyrø C,Olsen A,Tjønneland A,Dicksved J,Landberg R

Prebiotic activity of garlic (<i>Allium sativum</i>) extract on <i>Lactobacillus acidophilus</i>.

Veterinary world , Volume: 12 Issue: 12 2019 Dec

Authors Sunu P,Sunarti D,Mahfudz LD,Yunianto VD

Structural changes in gut microbiome after Ramadan fasting: a pilot study.

Beneficial microbes , Volume: 11 Issue: 3 2020 May 11

Authors Ozkul C,Yalinay M,Karakan T

In vitro antibacterial activity of medicinal plants against biofilm-forming methicillin-resistant Staphylococcus aureus: efficacy of Moringa stenopetala and Rosmarinus officinalis extracts.

Heliyon , Volume: 6 Issue: 1 2020 Jan

Authors Manilal A,Sabu KR,Shewangizaw M,Aklilu A,Seid M,Merdikios B,Tsegaye B

Effect of berberine on spleen transcriptome and gut microbiota composition in experimental autoimmune uveitis.

International immunopharmacology , Volume: 81 2020 Apr

Authors Du Z,Wang Q,Huang X,Yi S,Mei S,Yuan G,Su G,Cao Q,Zhou C,Wang Y,Kijlstra A,Yang P

Wild blueberry proanthocyanidins shape distinct gut microbiota profile and influence glucose homeostasis and intestinal phenotypes in high-fat high-sucrose fed mice.

Scientific reports , Volume: 10 Issue: 1 2020 Feb 10

Authors Rodríguez-Daza MC,Daoust L,Boutkrabt L,Pilon G,Varin T,Dudonné S,Levy É,Marette A,Roy D,Desjardins Y

Dietary flaxseed oil rich in omega-3 suppresses severity of type 2 diabetes mellitus via anti-inflammation and modulating gut microbiota in rats.

Lipids in health and disease , Volume: 19 Issue: 1 2020 Feb 7

Authors Zhu L,Sha L,Li K,Wang Z,Wang T,Li Y,Liu P,Dong X,Dong Y,Zhang X,Wang H

Milk fat influences proteolytic enzyme activity of dairy Pseudomonas species.

International journal of food microbiology , Volume: 320 2020 Jan 28

Authors Zhang D,Palmer J,Teh KH,Calinisan MMA,Flint S

Anti-obesity effects of α-amylase inhibitor enriched-extract from white common beans (Phaseolus vulgaris L.) associated with the modulation of gut microbiota composition in high-fat diet-induced obese rats.

Food & function , Volume: 11 Issue: 2 2020 Feb 26

Authors Shi Z,Zhu Y,Teng C,Yao Y,Ren G,Richel A

Effect of wheat bran derived prebiotic supplementation on gastrointestinal transit, gut microbiota, and metabolic health: a randomized controlled trial in healthy adults with a slow gut transit.

Gut microbes , Volume: 12 Issue: 1 2020 Nov 9

Authors Müller M,Hermes GDA,Emanuel E C,Holst JJ,Zoetendal EG,Smidt H,Troost F,Schaap FG,Damink SO,Jocken JWE,Lenaerts K,Maslee AAM,Blaak EE

In vitro effects of Bifidobacterium lactis-based synbiotics on human faecal bacteria.

Food research international (Ottawa, Ont.) , Volume: 128 2020 Feb

Authors Henrique-Bana FC,Wang X,Costa GN,Spinosa WA,Miglioranza LHS,Scorletti E,Calder PC,Byrne CD,Gibson GR

Clostridium butyricum Modulates the Microbiome to Protect Intestinal Barrier Function in Mice with Antibiotic-Induced Dysbiosis.

iScience , Volume: 23 Issue: 1 2020 Jan 24

Authors Hagihara M,Kuroki Y,Ariyoshi T,Higashi S,Fukuda K,Yamashita R,Matsumoto A,Mori T,Mimura K,Yamaguchi N,Okada S,Nonogaki T,Ogawa T,Iwasaki K,Tomono S,Asai N,Koizumi Y,Oka K,Yamagishi Y,Takahashi M,Mikamo H

Camellia sinensis and Litsea coreana Ameliorate Intestinal Inflammation and Modulate Gut Microbiota in Dextran Sulfate Sodium-Induced Colitis Mice.

Molecular nutrition & food research , Volume: 64 Issue: 6 2020 Mar

Authors Liu Y,Wang X,Chen Q,Luo L,Ma M,Xiao B,Zeng L

Dietary prophage inducers and antimicrobials: toward landscaping the human gut microbiome.

Gut microbes , 2020 Jan 13

Authors Boling L,Cuevas DA,Grasis JA,Kang HS,Knowles B,Levi K,Maughan H,McNair K,Rojas MI,Sanchez SE,Smurthwaite C,Rohwer F

Effect of time-restricted feeding on metabolic risk and circadian rhythm associated with gut microbiome in healthy males.

The British journal of nutrition , Volume: 123 Issue: 11 2020 Jun 14

Authors Zeb F,Wu X,Chen L,Fatima S,Haq IU,Chen A,Majeed F,Feng Q,Li M

Cell Wall Integrity of Pulse Modulates the in Vitro Fecal Fermentation Rate and Microbiota Composition.

Journal of agricultural and food chemistry , Volume: 68 Issue: 4 2020 Jan 29

Authors Guan N,He X,Wang S,Liu F,Huang Q,Fu X,Chen T,Zhang B

Rapid gut microbiome changes in a world-class ultramarathon runner.

Physiological reports , Volume: 7 Issue: 24 2019 Dec

Authors Grosicki GJ,Durk RP,Bagley JR

Islamic fasting leads to an increased abundance of Akkermansia muciniphila and Bacteroides fragilis group: A preliminary study on intermittent fasting.

The Turkish journal of gastroenterology : the official journal of Turkish Society of Gastroenterology , Volume: 30 Issue: 12 2019 Dec

Authors Özkul C,Yalinay M,Karakan T

Berberine combined with stachyose induces better glycometabolism than berberine alone through modulating gut microbiota and fecal metabolomics in diabetic mice.

Phytotherapy research : PTR , 2019 Dec 13

Authors Li CN,Wang X,Lei L,Liu MZ,Li RC,Sun SJ,Liu SN,Huan Y,Zhou T,Liu Q,Cao H,Bai GL,Han YW,Shen ZF

Changes in human gut microbiota composition are linked to the energy metabolic switch during 10 d of Buchinger fasting.

Journal of nutritional science , Volume: 8 2019

Authors Mesnage R,Grundler F,Schwartz A,Le Maho Y,Wilhelmi de Toledo F

Dietary Saccharomyces cerevisiae boulardii CNCM I-1079 Positively Affects Performance and Intestinal Ecosystem in Broilers during a Campylobacter jejuni Infection.

Microorganisms , Volume: 7 Issue: 12 2019 Nov 21

Authors Massacci FR,Lovito C,Tofani S,Tentellini M,Genovese DA,De Leo AAP,Papa P,Magistrali CF,Manuali E,Trabalza-Marinucci M,Moscato L,Forte C

Apple polysaccharide could promote the growth of Bifidobacterium longum.

International journal of biological macromolecules , Volume: 152 2020 Jun 1

Authors Li Y,Wang S,Sun Y,Zheng H,Tang Y,Gao X,Song C,Liu J,Long Y,Liu L,Mei Q

Dietary resistant starch modifies the composition and function of caecal microbiota of broilers.

Journal of the science of food and agriculture , Volume: 100 Issue: 3 2020 Feb

Authors Zhang Y,Liu Y,Li J,Xing T,Jiang Y,Zhang L,Gao F

Japanese Diet Score Is Associated with Gut Microbiota Composition in Young Japanese Adults.

Journal of nutritional science and vitaminology , Volume: 65 Issue: 5 2019

Authors Seura T,Fukuwatari T

Physiological and Biochemical Effects of Intrinsically High and Low Exercise Capacities Through Multiomics Approaches.

Frontiers in physiology , Volume: 10 2019

Authors Tung YT,Hsu YJ,Liao CC,Ho ST,Huang CC,Huang WC

[The effect of inulin and resistant maltodextrin on weight loss during energy restriction: a randomised, placebo-controlled, double-blinded intervention.](#)

European journal of nutrition , 2019 Oct 11

Authors Hess AL,Benítez-Páez A,Blädel T,Larsen LH,Iglesias JR,Madera C,Sanz Y,Larsen TM,MyNewGut Consortium.

[Transfusional iron overload and intravenous iron infusions modify the mouse gut microbiota similarly to dietary iron.](#)

NPJ biofilms and microbiomes , Volume: 5 2019

Authors La Carpia F,Wojczyk BS,Annayajhala MK,Rebbaa A,Culp-Hill R,D`Alessandro A,Freedberg DE,Uhlemann AC,Hod EA

[Effects of grape pomace and seed polyphenol extracts on the recovery of gut microbiota after antibiotic treatment in high-fat diet-fed mice.](#)

Food science & nutrition , Volume: 7 Issue: 9 2019 Sep

Authors Lu F,Liu F,Zhou Q,Hu X,Zhang Y

[Bacillus coagulans R11 maintained intestinal villus health and decreased intestinal injury in lead-exposed mice by regulating the intestinal microbiota and influenced the function of faecal microRNAs.](#)

Environmental pollution (Barking, Essex : 1987) , Volume: 255 Issue: Pt 2 2019 Sep 13

Authors Xing SC,Huang CB,Mi JD,Wu YB,Liao XD

[Propolis modulates the gut microbiota and improves the intestinal mucosal barrier function in diabetic rats.](#)

Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 118 2019 Oct

Authors Xue M,Liu Y,Xu H,Zhou Z,Ma Y,Sun T,Liu M,Zhang H,Liang H

[Comparison of antifungal activity of essential oils from different plants against three fungi.](#)

Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association , Volume: 134 2019 Dec

Authors Hu F,Tu XF,Thakur K,Hu F,Li XL,Zhang YS,Zhang JG,Wei ZI

[Prevotella Abundance Predicts Weight Loss Success in Healthy, Overweight Adults Consuming a Whole-Grain Diet Ad Libitum: A Post Hoc Analysis of a 6-Wk Randomized Controlled Trial.](#)

The Journal of nutrition , 2019 Aug 28

Authors Christensen L,Vuholm S,Roager HM,Nielsen DS,Krych L,Kristensen M,Astrup A,Hjorth MF

[Effects of Lactobacillus plantarum on the intestinal morphology, intestinal barrier function and microbiota composition of suckling piglets.](#)

Journal of animal physiology and animal nutrition , 2019 Sep 9

Authors Wang Q,Sun Q,Qi R,Wang J,Qiu X,Liu Z,Huang J

[Wheat Gluten Regulates Cholesterol Metabolism by Modulating Gut Microbiota in Hamsters with Hyperlipidemia.](#)

Journal of oleo science , Volume: 68 Issue: 9 2019

Authors Liang TT,Tong LT,Geng DH,Wang LL,Zhou XR,Pu HY,Jia W,Wu QP,Huang JR

[Immunomodulatory Effects of Lactobacillus plantarum on Inflammatory Response Induced by Klebsiella pneumoniae.](#)

Infection and immunity , Volume: 87 Issue: 11 2019 Nov

Authors Vareille-Delarbre M,Miquel S,Garcin S,Bertran T,Balestrino D,Evrard B,Forestier C

[Raw Bowl Tea \(Tuocha\) Polyphenol Prevention of Nonalcoholic Fatty Liver Disease by Regulating Intestinal Function in Mice.](#)

Biomolecules , Volume: 9 Issue: 9 2019 Sep 1

Authors Liu B,Zhang J,Sun P,Yi R,Han X,Zhao X

[Regulatory Function of Buckwheat-Resistant Starch Supplementation on Lipid Profile and Gut Microbiota in Mice Fed with a High-Fat Diet.](#)

Journal of food science , Volume: 84 Issue: 9 2019 Sep

Authors Zhou Y,Zhao S,Jiang Y,Wei Y,Zhou X

[Rebalancing of the gut flora and microbial metabolism is responsible for the anti-arthritis effect of kaempferol.](#)

Acta pharmacologica Sinica , Volume: 41 Issue: 1 2020 Jan

Authors Aa LX,Fei F,Qi Q,Sun RB,Gu SH,Di ZZ,Aa JY,Wang GJ,Liu CX

[In vitro fecal fermentation of propionylated high-amylose maize starch and its impact on gut microbiota.](#)

Carbohydrate polymers , Volume: 223 2019 Nov 1

Authors Xie Z,Wang S,Wang Z,Fu X,Huang Q,Yuan Y,Wang K,Zhang B

[Exercise Training Modulates Gut Microbiota Profile and Improves Endotoxemia.](#)

Medicine and science in sports and exercise , Volume: 52 Issue: 1 2020 Jan

Authors Motiani KK,Collado MC,Eskelinen JJ,Virtanen KA,Löyttyneemi E,Salminen S,Nuutila P,Kalliokoski KK,Hannukainen JC

[Green tea polyphenol \(epigallocatechin-3-gallate\) improves gut dysbiosis and serum bile acids dysregulation in high-fat diet-fed mice.](#)

Journal of clinical biochemistry and nutrition , Volume: 65 Issue: 1 2019 Jul

Authors Ushiroda C,Naito Y,Takagi T,Uchiyama K,Mizushima K,Higashimura Y,Yasukawa Z,Okubo T,Inoue R,Honda A,Matsuzaki

Y,Itoh Y

Effect of Bay Leaves Essential Oil Concentration on the Properties of Biodegradable Carboxymethyl Cellulose-Based Edible Films.

Materials (Basel, Switzerland) , Volume: 12 Issue: 15 2019 Jul 24

Authors Rincón E,Serrano L,Balu AM,Aguilar JJ,Luque R,García A

Dietary Factors and Modulation of Bacteria Strains of <i>Akkermansia muciniphila</i> and <i>Faecalibacterium prausnitzii</i>: A Systematic Review.

Nutrients , Volume: 11 Issue: 7 2019 Jul 11

Authors Verhoog S,Taneri PE,Roa Díaz ZM,Marques-Vidal P,Troup JP,Bally L,Franco OH,Glisic M,Muka T

Daily intake of wheat germ-enriched bread may promote a healthy gut bacterial microbiota: a randomised controlled trial.

European journal of nutrition , Volume: 59 Issue: 5 2020 Aug

Authors Moreira-Rosário A,Marques C,Pinheiro H,Norberto S,Sintra D,Teixeira JA,Calhau C,Azevedo LF

The Capacity of the Fecal Microbiota From Malawian Infants to Ferment Resistant Starch.

Frontiers in microbiology , Volume: 10 2019

Authors Wang Y,Mortimer EK,Katundu KGH,Kalanga N,Leong LEX,Gopalsamy GL,Christophersen CT,Richard AC,Shivasami A,Abell GCJ,Young GP,Rogers GB

Effect of Synbiotic Supplementation in a Very-Low-Calorie Ketogenic Diet on Weight Loss Achievement and Gut Microbiota: A Randomized Controlled Pilot Study.

Molecular nutrition & food research , 2019 Jul 12

Authors Gutiérrez-Repiso C,Hernández-García C,García-Almeida JM,Bellido D,Martín-Núñez GM,Sánchez-Alcoholado L,Alcaide-Torres J,Sajoux I,Tinahones F,Moreno-Indias I

Flaxseed diet caused inflammation by altering the gut microbiota of Peking ducks.

Animal biotechnology , Volume: 31 Issue: 6 2020 Dec

Authors Wu Y,Wang Y,Yin D,Shahid MS,Yuan J

Resistant Starch is Actively Fermented by Infant Faecal Microbiota and Increases Microbial Diversity.

Nutrients , Volume: 11 Issue: 6 2019 Jun 14

Authors Gopalsamy G,Mortimer E,Greenfield P,Bird AR,Young GP,Christophersen CT

Effects of a formula with a probiotic Bifidobacterium lactis Supplement on the gut microbiota of low birth weight infants.

European journal of nutrition , Volume: 59 Issue: 4 2020 Jun

Authors Chi C,Xue Y,Liu R,Wang Y,Lv N,Zeng H,Buys N,Zhu B,Sun J,Yin C

Navy bean supplemented high-fat diet improves intestinal health, epithelial barrier integrity and critical aspects of the obese inflammatory phenotype.

The Journal of nutritional biochemistry , Volume: 70 2019 Aug

Authors Monk JM,Wu W,Lepp D,Wellings HR,Hutchinson AL,Liddle DM,Graf D,Pauls KP,Robinson LE,Power KA

<i>Bacteroides thetaiotaomicron</i> Starch Utilization Promotes Quercetin Degradation and Butyrate Production by <i>Eubacterium ramulus</i>.

Frontiers in microbiology , Volume: 10 2019

Authors Rodríguez-Castaño GP,Dorris MR,Liu X,Bolling BW,Acosta-Gonzalez A,Rey FE

Microbiome-Metabolomics Analysis Investigating the Impacts of Dietary Starch Types on the Composition and Metabolism of Colonic Microbiota in Finishing Pigs.

Frontiers in microbiology , Volume: 10 2019

Authors Yu M,Li Z,Chen W,Rong T,Wang G,Ma X

Resveratrol attenuates high-fat diet-induced non-alcoholic steatohepatitis by maintaining gut barrier integrity and inhibiting gut inflammation through regulation of the endocannabinoid system.

Clinical nutrition (Edinburgh, Scotland) , 2019 May 30

Authors Chen M,Hou P,Zhou M,Ren Q,Wang X,Huang L,Hui S,Yi L,Mi M

The effect of gut microbiota and probiotic organisms on the properties of extended spectrum beta-lactamase producing and carbapenem resistant Enterobacteriaceae including growth, beta-lactamase activity and gene transmissibility.

Journal of infection and chemotherapy : official journal of the Japan Society of Chemotherapy , Volume: 25 Issue: 11 2019 Nov

Authors Kunishima H,Ishibashi N,Wada K,Oka K,Takahashi M,Yamasaki Y,Aoyagi T,Takemura H,Kitagawa M,Kaku M

Dietary Quercetin Increases Colonic Microbial Diversity and Attenuates Colitis Severity in <i>Citrobacter rodentium</i>-Infected Mice.

Frontiers in microbiology , Volume: 10 2019

Authors Lin R,Piao M,Song Y

Preventive Effects and Mechanisms of Garlic on Dyslipidemia and Gut Microbiome Dysbiosis.

Nutrients , Volume: 11 Issue: 6 2019 May 29

Authors Chen K,Xie K,Liu Z,Nakasone Y,Sakao K,Hossain A,Hou DX

Stability of probiotics with antibiotics via gastric tube by simple suspension method: An in vitro study.

Journal of infection and chemotherapy : official journal of the Japan Society of Chemotherapy , 2019 May 21

Authors Mitsuboshi S,Muto K,Okubo K,Fukuhara M

The role of short-chain fatty acids in microbiota-gut-brain communication.

Nature reviews. Gastroenterology & hepatology , Volume: 16 Issue: 8 2019 Aug

Authors Dalile B, Van Oudenhove L, Vervliet B, Verbeke K

Fermented Momordica charantia L. juice modulates hyperglycemia, lipid profile, and gut microbiota in type 2 diabetic rats.

Food research international (Ottawa, Ont.) , Volume: 121 2019 Jul

Authors Gao H, Wen JJ, Hu JL, Nie QX, Chen HH, Xiong T, Nie SP, Xie MY

Four men in a boat: Ultra-endurance exercise alters the gut microbiome.

Journal of science and medicine in sport , Volume: 22 Issue: 9 2019 Sep

Authors Keohane DM, Woods T, O'Connor P, Underwood S, Cronin O, Whiston R, O'Sullivan O, Cotter P, Shanahan F, Molloy MGM

Associations between usual diet and gut microbiota composition: results from the Milieu Intérieur cross-sectional study.

The American journal of clinical nutrition , Volume: 109 Issue: 5 2019 May 1

Authors Partula V, Mondot S, Torres MJ, Kesse-Guyot E, Deschasaux M, Assmann K, Latino-Martel P, Buscail C, Julia C, Galan P, Hercberg S, Rouilly V, Thomas S, Quintana-Murci L, Albert ML, Duffy D, Lantz O, Touvier M, Milieu Intérieur Consortium

Clostridium butyricum Strains Suppress Experimental Acute Pancreatitis by Maintaining Intestinal Homeostasis.

Molecular nutrition & food research , 2019 Apr 29

Authors Pan LL, Niu W, Fang X, Liang W, Li H, Chen W, Zhang H, Bhatia M, Sun J

Aerobic Exercise Training with Brisk Walking Increases Intestinal Bacteroides in Healthy Elderly Women.

Nutrients , Volume: 11 Issue: 4 2019 Apr 17

Authors Morita E, Yokoyama H, Imai D, Takeda R, Ota A, Kawai E, Hisada T, Emoto M, Suzuki Y, Okazaki K

The Effects of Intact Cereal Grain Fibers, Including Wheat Bran on the Gut Microbiota Composition of Healthy Adults: A Systematic Review.

Frontiers in nutrition , Volume: 6 2019

Authors Jefferson A, Adolphus K

Nutritional impacts of dietary oregano and Enviva essential oils on the performance, gut microbiota and blood biochemicals of growing ducks.

Animal : an international journal of animal bioscience , Volume: 13 Issue: 10 2019 Oct

Authors Abouelezz K, Abou-Hadied M, Yuan J, Elokil AA, Wang G, Wang S, Wang J, Bian G

Apple consumption is associated with a distinctive microbiota, proteomics and metabolomics profile in the gut of Dawley Sprague rats fed a high-fat diet.

PloS one , Volume: 14 Issue: 3 2019

Authors Garcia-Mazcorro JF, Pedreschi R, Yuan J, Kawan JR, Chew B, Dowd SE, Noratto G

Beneficial effects of ginger on prevention of obesity through modulation of gut microbiota in mice.

European journal of nutrition , Volume: 59 Issue: 2 2020 Mar

Authors Wang J, Wang P, Li D, Hu X, Chen F

Effects of dietary supplementation of probiotic Enterococcus faecium on growth performance and gut microbiota in weaned piglets.

AMB Express , Volume: 9 Issue: 1 2019 Mar 1

Authors Hu C, Xing W, Liu X, Zhang X, Li K, Liu J, Deng B, Deng J, Li Y, Tan C

Dietary Intake of Whole Strawberry Inhibited Colonic Inflammation in Dextran-Sulfate-Sodium-Treated Mice via Restoring Immune Homeostasis and Alleviating Gut Microbiota Dysbiosis.

Journal of agricultural and food chemistry , Volume: 67 Issue: 33 2019 Aug 21

Authors Han Y, Song M, Gu M, Ren D, Zhu X, Cao X, Li F, Wang W, Cai X, Yuan B, Goulette T, Zhang G, Xiao H

Dietary supplementation with strawberry induces marked changes in the composition and functional potential of the gut microbiome in diabetic mice.

The Journal of nutritional biochemistry , Volume: 66 2019 Apr

Authors Petersen C, Wankhade UD, Bharat D, Wong K, Mueller JE, Chintapalli SV, Piccolo BD, Jalili T, Jia Z, Symons JD, Shankar K, Anandh Babu PV

Influence of proton pump inhibitors on microbiota in chronic liver disease patients.

Hepatology international , Volume: 13 Issue: 2 2019 Mar

Authors Yamamoto K, Ishigami M, Honda T, Takeyama T, Ito T, Ishizu Y, Kuzuya T, Hayashi K, Goto H, Hirooka Y

Isolation of wheat bran-colonizing and metabolizing species from the human fecal microbiota.

PeerJ , Volume: 7 2019

Authors De Paepe K, Verspreet J, Rezaei MN, Hidalgo Martinez S, Meysman F, Van de Walle D, Dewettinck K, Raes J, Courtin C, Van de Wiele T

Functional Interactions between Gut Microbiota Transplantation, Quercetin, and High-Fat Diet Determine Non-Alcoholic Fatty

Liver Disease Development in Germ-Free Mice.**Molecular nutrition & food research** , Volume: 63 Issue: 8 2019 Apr

Authors Porras D,Nistal E,Martínez-Flórez S,Olcóiz JL,Jover R,Jorquera F,González-Gallego J,García-Mediavilla MV,Sánchez-Campos S

Differential Effects of *Lactobacillus casei* Strain Shirota on Patients With Constipation Regarding Stool Consistency in China.**Journal of neurogastroenterology and motility** , Volume: 25 Issue: 1 2019 Jan 31

Authors Chen S,Ou Y,Zhao L,Li Y,Qiao Z,Hao Y,Ren F

Effects of short-term endurance exercise on gut microbiota in elderly men.**Physiological reports** , Volume: 6 Issue: 23 2018 Dec

Authors Taniguchi H,Tanisawa K,Sun X,Kubo T,Hoshino Y,Hosokawa M,Takeyama H,Higuchi M

Arabinoxylan from Argentinian whole wheat flour promote the growth of *Lactobacillus reuteri* and *Bifidobacterium breve*.**Letters in applied microbiology** , Volume: 68 Issue: 2 2019 Feb

Authors Paesani C,Salvucci E,Moiraghi M,Fernandez Canigia L,Pérez GT

Identification of factors involved in *Enterococcus faecalis* biofilm under quercetin stress.**Microbial pathogenesis** , Volume: 126 2019 Jan

Authors Qayyum S,Sharma D,Bisht D,Khan AU

Strategies to promote abundance of *Akkermansia muciniphila*, an emerging probiotics in the gut, evidence from dietary intervention studies.**Journal of functional foods** , Volume: 33 2017 Jun

Authors Zhou K

Prevalence and Antimicrobial Susceptibility of Bacterial Uropathogens Isolated from Pediatric Patients at Yekatit 12Hospital Medical College, Addis Ababa, Ethiopia.**International journal of microbiology** , Volume: 2018 2018

Authors Merga Duffa Y,Terfa Kitila K,Mamuye Gebretsadik D,Bitew A

Antidepressant Effects of Rosemary Extracts Associate With Anti-inflammatory Effect and Rebalance of Gut Microbiota.**Frontiers in pharmacology** , Volume: 9 2018

Authors Guo Y,Xie J,Li X,Yuan Y,Zhang L,Hu W,Luo H,Yu H,Zhang R

Determination of Antimicrobial Activity of Some Commercial Fruit (Apple, Papaya, Lemon and Strawberry) Against Bacteria Causing Urinary Tract Infection.**European journal of microbiology & immunology** , Volume: 8 Issue: 3 2018 Sep 28

Authors Liya SJ,Siddique R

Long-term intake of *Lactobacillus paracasei* KW3110 prevents age-related chronic inflammation and retinal cell loss in physiologically aged mice.**Aging** , Volume: 10 Issue: 10 2018 Oct 19

Authors Morita Y,Jounai K,Sakamoto A,Tomita Y,Sugihara Y,Suzuki H,Ohshio K,Otake M,Fujiwara D,Kanauchi O,Maruyama M

Six-Week Endurance Exercise Alters Gut Metagenome That Is not Reflected in Systemic Metabolism in Over-weight Women.**Frontiers in microbiology** , Volume: 9 2018

Authors Munukka E,Ahtiainen JP,Puigbó P,Jalkanen S,Pahkala K,Keskitalo A,Kujala UM,Pietilä S,Holmén M,Elo L,Huovinen P,D'Auria G,Pekkala S

An exploratory study on the effect of daily fruits and vegetable juice on human gut microbiota.**Food science and biotechnology** , Volume: 27 Issue: 5 2018 Oct

Authors Choi YJ,Lee DH,Kim HS,Kim YK

Antimicrobial activity of spices essential oils and its effectiveness on mature biofilms of human pathogens.**Natural product research** , 2018 Oct 13

Authors Condò C,Anacarlo I,Sabia C,Iseppi R,Anfelli I,Forti L,de Niederhäusern S,Bondi M,Messi P

Characterization of the Functional Changes in Mouse Gut Microbiome Associated with Increased *Akkermansia muciniphila* Population Modulated by Dietary Black Raspberries.**ACS omega** , Volume: 3 Issue: 9 2018 Sep 30

Authors Tu P,Bian X,Chi L,Gao B,Ru H,Knobloch TJ,Weghorst CM,Lu K

The Phosphate Binder Ferric Citrate Alters the Gut Microbiome in Rats with Chronic Kidney Disease.**The Journal of pharmacology and experimental therapeutics** , Volume: 367 Issue: 3 2018 Dec

Authors Lau WL,Vaziri ND,Nunes ACF,Comeau AM,Langille MG,England W,Khazaeli M,Suematsu Y,Phan J,Whiteson K

Effects of dietary supplementation with *Clostridium butyricum* on laying performance, egg quality, serum parameters, and cecal microflora of laying hens in the late phase of production.**Poultry science** , Volume: 98 Issue: 2 2019 Feb 1

Authors Zhan HQ,Dong XY,Li LL,Zheng YX,Gong YJ,Zou XT

Effects of Whole Milk Supplementation on Gut Microbiota and Cardiometabolic Biomarkers in Subjects with and without Lactose Malabsorption.

Nutrients , Volume: 10 Issue: 10 2018 Oct 2

Authors Li X,Yin J,Zhu Y,Wang X,Hu X,Bao W,Huang Y,Chen L,Chen S,Yang W,Shan Z,Liu L

[Metagenomic Insights into the Degradation of Resistant Starch by Human Gut Microbiota.](#)

Applied and environmental microbiology , Volume: 84 Issue: 23 2018 Dec 1

Authors Vital M,Howe A,Bergeron N,Krauss RM,Jansson JK,Tiedje JM

[Effects of daily consumption of the probiotic Bifidobacterium animalis subsp. lactis CECT 8145 on anthropometric adiposity biomarkers in abdominally obese subjects: a randomized controlled trial.](#)

International journal of obesity (2005) , 2018 Sep 27

Authors Pedret A,Valls RM,Calderón-Pérez L,Llauradó E,Comanys J,Pla-Pagà L,Moragas A,Martín-Luján F,Ortega Y,Giralt M,Caimari A,Chenoll E,Genovés S,Martorell P,Codoñer FM,Ramón D,Arola L,Solà R

[Behavioral response to fiber feeding is cohort-dependent and associated with gut microbiota composition in mice.](#)

Behavioural brain research , Volume: 359 2019 Feb 1

Authors Mailing LJ,Allen JM,Pence BD,Rytych J,Sun Y,Bhattacharya TK,Park P,Cross TL,McCusker RH,Swanson KS,Fahey GC,Rhodes JS,Kelley KW,Johnson RW,Woods JA

[Goji Berry Modulates Gut Microbiota and Alleviates Colitis in IL-10-Deficient Mice.](#)

Molecular nutrition & food research , Volume: 62 Issue: 22 2018 Nov

Authors Kang Y,Yang G,Zhang S,Ross CF,Zhu MJ

[Effects of in vitro gastrointestinal digestion and colonic fermentation on a rosemary \(Rosmarinus officinalis L\) extract rich in rosmarinic acid.](#)

Food chemistry , Volume: 271 2019 Jan 15

Authors Gonçalves GA,Corrêa RCG,Barros L,Dias MI,Calhelha RC,Correa VG,Bracht A,Peralta RM,Ferreira ICFR

[Functional modulation of caecal fermentation and microbiota in rat by feeding bean husk as a dietary fibre supplement.](#)

Beneficial microbes , Volume: 9 Issue: 6 2018 Dec 7

Authors Myint H,Kishi H,Iwahashi Y,Saburi W,Koike S,Kobayashi Y

[The Effects of Berberine on the Gut Microbiota in Apc ^{min/+} Mice Fed with a High Fat Diet.](#)

Molecules (Basel, Switzerland) , Volume: 23 Issue: 9 2018 Sep 8

Authors Wang H,Guan L,Li J,Lai M,Wen X

[Probiotic *Lactobacillus plantarum* Promotes Intestinal Barrier Function by Strengthening the Epithelium and Modulating Gut Microbiota.](#)

Frontiers in microbiology , Volume: 9 2018

Authors Wang J, Ji H, Wang S, Liu H, Zhang W, Zhang D, Wang Y

[\[Microbiological profiles of pathogens causing nosocomial bacteremia in 2011, 2013 and 2016\].](#)

Sheng wu gong cheng xue bao = Chinese journal of biotechnology , Volume: 34 Issue: 8 2018 Aug 25

Authors Wang X,Zhao C,Li H,Chen H,Jin L,Wang Z,Liao K,Zeng J,Xu X,Jin Y,Su D,Liu W,Hu Z,Cao B,Chu Y,Zhang R,Luo Y,Hu B,Wang H

[Introducing insoluble wheat bran as a gut microbiota niche in an in vitro dynamic gut model stimulates propionate and butyrate production and induces colon region specific shifts in the luminal and mucosal microbial community.](#)

Environmental microbiology , Volume: 20 Issue: 9 2018 Sep

Authors De Paepe K,Verspreet J,Verbeke K,Raes J,Courtin CM, Van de Wiele T

[Effects of Turmeric and Curcumin Dietary Supplementation on Human Gut Microbiota: A Double-Blind, Randomized, Placebo-Controlled Pilot Study.](#)

Journal of evidence-based integrative medicine , Volume: 23 2018 Jan-Dec

Authors Peterson CT,Vaughn AR,Sharma V,Chopra D,Mills PJ,Peterson SN,Sivamani RK

[The impact of Clostridium butyricum MIYAIRI 588 on the murine gut microbiome and colonic tissue.](#)

Anaerobe , Volume: 54 2018 Dec

Authors Hagihara M,Yamashita R,Matsumoto A,Mori T,Kuroki Y,Kudo H,Oka K,Takahashi M,Nonogaki T,Yamagishi Y,Mikamo H

[Impact of tart cherries polyphenols on the human gut microbiota and phenolic metabolites in vitro and in vivo.](#)

The Journal of nutritional biochemistry , Volume: 59 2018 Sep

Authors Mayta-Apaza AC,Pottgen E,De Bodt J,Papp N,Marasini D,Howard L,Abranko L, Van de Wiele T, Lee SO, Carbonero F

[A Diverse Range of Human Gut Bacteria Have the Potential To Metabolize the Dietary Component Gallic Acid.](#)

Applied and environmental microbiology , Volume: 84 Issue: 19 2018 Oct 1

Authors Esteban-Torres M,Santamaría L,Cabrera-Rubio R,Plaza-Vinuesa L,Crispie F,de Las Rivas B,Cotter P,Muñoz R

[Pectin Alleviates High Fat \(Lard\) Diet-Induced Nonalcoholic Fatty Liver Disease in Mice: Possible Role of Short-Chain Fatty Acids and Gut Microbiota Regulated by Pectin.](#)

Journal of agricultural and food chemistry , 2018 Jul 20

Authors Li W,Zhang K,Yang H

[Encapsulation of green tea polyphenol by pH responsive, antibacterial, alginate microgels used for minimally invasive treatment of bone infection.](#)

Colloids and surfaces. B, Biointerfaces , Volume: 170 2018 Oct 1

Authors Chen Z,Lv X,Zhao M,Zhang P,Ren X,Mei X

[Bifidobacterium bifidum TMC3115 Can Characteristically Influence Glucose and Lipid Profile and Intestinal Microbiota in the Middle-Aged and Elderly.](#)**Probiotics and antimicrobial proteins , 2018 Jul 5**

Authors Wang K,Yu X,Li Y,Guo Y,Ge L,Pu F,Ma X,Cui W,Marrota F,He F,Li M

[High Fructose Intake During Pregnancy in Rats Influences the Maternal Microbiome and Gut Development in the Offspring.](#)**Frontiers in genetics , Volume: 9 2018**

Authors Astbury S,Song A,Zhou M,Nielsen B,Hoedl A,Willing BP,Symonds ME,Bell RC

[Beneficial effects of the commercial lactic acid bacteria product, Vigis 101, on gastric mucosa and intestinal bacterial flora in rats.](#)**Journal of microbiology, immunology, and infection = Wei mian yu gan ran za zhi , 2018 Jun 23**

Authors Kao L,Liu TH,Tsai TY,Pan TM

[Effects of garlic polysaccharide on alcoholic liver fibrosis and intestinal microflora in mice.](#)**Pharmaceutical biology , Volume: 56 Issue: 1 2018 Dec**

Authors Wang Y,Guan M,Zhao X,Li X

[Enterococcus faecium WEFA23 from infant lessens high-fat-diet-induced hyperlipidemia via cholesterol 7-alpha-hydroxylase gene by altering the composition of gut microbiota in rats.](#)**Journal of dairy science , 2018 Jun 20**

Authors Huang F,Zhang F,Xu D,Zhang Z,Xu F,Tao X,Qiu L,Wei H

[Anti-inflammatory and antibacterial evaluation of Thymus sipyleus Boiss. subsp. sipyleus var. sipyleus essential oil against rhinosinusitis pathogens.](#)**Microbial pathogenesis , Volume: 122 2018 Sep**

Authors Demirci F,Karaca N,Tekin M,Demirci B

[High-Glucose or -Fructose Diet Cause Changes of the Gut Microbiota and Metabolic Disorders in Mice without Body Weight Change.](#)**Nutrients , Volume: 10 Issue: 6 2018 Jun 13**

Authors Do MH,Lee E,Oh MJ,Kim Y,Park HY

[Obesity treatment by epigallocatechin-3-gallate-regulated bile acid signaling and its enriched Akkermansia muciniphila.](#)**FASEB journal : official publication of the Federation of American Societies for Experimental Biology , Volume: 32 Issue: 12 2018 Jun 8**

Authors Sheng L,Jena PK,Liu HX,Hu Y,Nagar N,Bronner DN,Settles ML,Bäumler AJ,Wan YY

[Effect of Lactobacillus paracasei CNCM I-1572 on symptoms, gut microbiota, short chain fatty acids, and immune activation in patients with irritable bowel syndrome: A pilot randomized clinical trial.](#)**United European gastroenterology journal , Volume: 6 Issue: 4 2018 May**

Authors Cremon C,Guglielmetti S,Gargari G,Taverniti V,Castellazzi AM,Valsecchi C,Tagliacarne C,Fiore W,Bellini M,Bertani L,Gambaccini D,Cicala M,Germanà B,Vecchi M,Pagano I,Barbaro MR,Bellacosa L,Stanghellini V,Barbara G

[Intermittent Fasting Confers Protection in CNS Autoimmunity by Altering the Gut Microbiota.](#)**Cell metabolism , Volume: 27 Issue: 6 2018 Jun 5**

Authors Cignarella F,Cantoni C,Ghezzi L,Salter A,Dorsett Y,Chen L,Phillips D,Weinstock GM,Fontana L,Cross AH,Zhou Y,Piccio L

[Identification of Phenolic Compounds-Rich Grape Pomace Extracts Urine Metabolites and Correlation with Gut Microbiota Modulation.](#)**Antioxidants (Basel, Switzerland) , Volume: 7 Issue: 6 2018 Jun 4**

Authors Chacar S,Tarighi M,Fares N,Faivre JF,Louka N,Maroun RG

[Role of probiotics in the treatment of minimal hepatic encephalopathy in patients with HBV-induced liver cirrhosis.](#)**The Journal of international medical research , Volume: 46 Issue: 9 2018 Sep**

Authors Xia X,Chen J,Xia J,Wang B,Liu H,Yang L,Wang Y,Ling Z

[Inhalational exposure to particulate matter air pollution alters the composition of the gut microbiome.](#)**Environmental pollution (Barking, Essex : 1987) , Volume: 240 2018 Sep**

Authors Mutlu EA,Comba IY,Cho T,Engen PA,Yazici C,Soberanes S,Hamanaka RB,Nigdelioglu R,Meliton AY,Ghio AJ,Budinger GRS,Mutlu GM

[Effects of Whole-Grain Rice and Wheat on Composition of Gut Microbiota and Short-Chain Fatty Acids in Rats.](#)**Journal of agricultural and food chemistry , 2018 May 29**

Authors Han F,Wang Y,Han Y,Zhao J,Han F,Song G,Jiang P,Miao H

[Green Tea Liquid Consumption Alters the Human Intestinal and Oral Microbiome.](#)**Molecular nutrition & food research , Volume: 62 Issue: 12 2018 Jun**

Authors Yuan X,Long Y,ji Z,Gao J,Fu T,Yan M,Zhang L,Su H,Zhang W,Wen X,Pu Z,Chen H,Wang Y,Gu X,Yan B,Kaliannan K,Shao Z

[Microbiome Responses to an Uncontrolled Short-Term Diet Intervention in the Frame of the Citizen Science Project.](#)

Nutrients , Volume: 10 Issue: 5 2018 May 8

Authors Klimenko NS,Tyakht AV,Popenko AS,Vasiliev AS,Altukhov IA,Ischenko DS,Shashkova TI,Efimova DA,Nikogosov DA,Osipenko DA,Musienko SV,Selezneva KS,Baranova A,Kurilshikov AM,Toshchakov SM,Korzhenkov AA,Samarov NI,Shevchenko MA,Tepluk AV,Alexeev DG

[Response of Gut Microbiota to Metabolite Changes Induced by Endurance Exercise.](#)

Frontiers in microbiology , Volume: 9 2018

Authors Zhao X,Zhang Z,Hu B,Huang W,Yuan C,Zou L

[Screening and characterization of selected drugs having antibacterial potential.](#)

Pakistan journal of pharmaceutical sciences , Volume: 31 Issue: 3 2018 May

Authors Javed H,Tabassum S,Erum S,Murtaza I,Muhammad A,Amin F,Nisar MF

[Ketogenic diet enhances neurovascular function with altered gut microbiome in young healthy mice.](#)

Scientific reports , Volume: 8 Issue: 1 2018 Apr 27

Authors Ma D,Wang AC,Parikh I,Green SJ,Hoffman JD,Chlipala G,Murphy MP,Sokola BS,Bauer B,Hartz AMS,Lin AL

[Dietary Clostridium butyricum Induces a Phased Shift in Fecal Microbiota Structure and Increases the Acetic Acid-Producing Bacteria in a Weaned Piglet Model.](#)

Journal of agricultural and food chemistry , Volume: 66 Issue: 20 2018 May 23

Authors Zhang J,Chen X,Liu P,Zhao J,Sun J,Guan W,Johnston LJ,Levesque CL,Fan P,He T,Zhang G,Ma X

[The Endotoxemia Marker Lipopolysaccharide-Binding Protein is Reduced in Overweight-Obese Subjects Consuming Pomegranate Extract by Modulating the Gut Microbiota: A Randomized Clinical Trial.](#)

Molecular nutrition & food research , 2018 Apr 17

Authors González-Sarriás A,Romo-Vaquero M,García-Villalba R,Cortés-Martín A,Selma MV,Espín JC

[The bacterium Pseudomonas aeruginosa senses and gradually responds to interspecific competition for iron.](#)

Evolution; international journal of organic evolution , 2018 Apr 17

Authors Leinweber A,Weigert M,Kümmerli R

[Smoking and the intestinal microbiome.](#)

Archives of microbiology , Volume: 200 Issue: 5 2018 Jul

Authors Savin Z,Kivity S,Yonath H,Yehuda S

[Lactobacillus plantarum MTCC 9510 supplementation protects from chronic unpredictable and sleep deprivation-induced behaviour, biochemical and selected gut microbial aberrations in mice.](#)

Journal of applied microbiology , Volume: 125 Issue: 1 2018 Jul

Authors Dhaliwal J,Singh DP,Singh S,Pinnaka AK,Boparai RK,Bishnoi M,Kondepudi KK,Chopra K

[High salt diet exacerbates colitis in mice by decreasing Lactobacillus levels and butyrate production.](#)

Microbiome , Volume: 6 Issue: 1 2018 Mar 22

Authors Miranda PM,De Palma G,Serkis V,Lu J,Louis-Auguste MP,McCarville JL,Verdu EF,Collins SM,Bercik P

[Extensive impact of non-antibiotic drugs on human gut bacteria.](#)

Nature , Volume: 555 Issue: 7698 2018 Mar 29

Authors Maier L,Pruteanu M,Kuhn M,Zeller G,Telzerow A,Anderson EE,Brochado AR,Fernandez KC,Dose H,Mori H,Patil KR,Bork P,Typas A

[Wheat-derived arabinoxylan oligosaccharides with bifidogenic properties abolishes metabolic disorders induced by western diet in mice.](#)

Nutrition & diabetes , Volume: 8 Issue: 1 2018 Mar 7

Authors Neyrinck AM,Hiel S,Bouzin C,Campayo VG,Cani PD,Bindels LB,Delzenne NM

[Molecular Modelling reveals the inhibition mechanism and structure-activity relationship of curcumin and its analogues to Staphylococcal aureus Sortase A.](#)

Journal of biomolecular structure & dynamics , Volume: 37 Issue: 5 2019 Mar

Authors Niu X,Gao Y,Yu Y,Yang Y,Wang G,Sun L,Wang H

[Multidrug-resistant gram-negative bacterial infections in a teaching hospital in Ghana.](#)

Antimicrobial resistance and infection control , Volume: 7 2018

Authors Agyepong N,Govinden U,Owusu-Ofori A,Essack SY

[Combination of essential oil and ciprofloxacin to inhibit/eradicate biofilms in multidrug-resistant Klebsiella pneumoniae.](#)

Journal of applied microbiology , Volume: 125 Issue: 1 2018 Jul

Authors Mohamed SH,Mohamed MSM,Khalil MS,Azmy M,Mabrouk MI

[Enhancing syntrophic associations among Clostridium butyricum, Syntrophomonas and two types of methanogen by zero valent iron in an anaerobic assay with a high organic loading.](#)

Bioresource technology , Volume: 257 2018 Jun

Authors Kong X,Yu S,Fang W,Liu J,Li H

[The effect of Clostridium butyricum on symptoms and fecal microbiota in diarrhea-dominant irritable bowel syndrome: a randomized, double-blind, placebo-controlled trial.](#)

Scientific reports , Volume: 8 Issue: 1 2018 Feb 14

Authors Sun YY,Li M,Li YY,Li LX,Zhai WZ,Wang P,Yang XX,Gu X,Song LJ,Li Z,Zuo XL,Li YQ

[Phytochemical screening and biological activity of Lamiaceae family plant extracts.](#)

Experimental and therapeutic medicine , Volume: 15 Issue: 2 2018 Feb

Authors Cocan I,Alexa E,Danciu C,Radulov I,Galuscan A,Obistoiu D,Morvay AA,Sumalan RM,Poiana MA,Pop G,Dehelean CA

[Flammulina velutipes polysaccharides improve scopolamine-induced learning and memory impairment in mice by modulating gut microbiota composition.](#)

Food & function , Volume: 9 Issue: 3 2018 Mar 1

Authors Su A,Yang W,Zhao L,Pei F,Yuan B,Zhong L,Ma G,Hu Q

[Prebiotic Wheat Bran Fractions Induce Specific Microbiota Changes.](#)

Frontiers in microbiology , Volume: 9 2018

Authors D`hoe K,Conterno L,Fava F,Falony G,Vieira-Silva S,Vermeiren J,Tuohy K,Raes J

[Potential of Lactobacillus plantarum ZDY2013 and Bifidobacterium bifidum WBIN03 in relieving colitis by gut microbiota, immune, and anti-oxidative stress.](#)

Canadian journal of microbiology , 2018 Feb 5

Authors Wang Y,Guo Y,Chen H,Wei H,Wan C

[Effects of Blackcurrant and Dietary Fibers on Large Intestinal Health Biomarkers in Rats.](#)

Plant foods for human nutrition (Dordrecht, Netherlands) , Volume: 73 Issue: 1 2018 Mar

Authors Paturi G,Butts CA,Monro JA,Hedderley D

[\[Assessment of the impact of vitamin and dietary fiber content in the diet on the characteristics of protective colon microbiota populations of rats\].](#)

Voprosy pitaniia , Volume: 84 Issue: 6 2015

Authors Markova YM,Sheveleva SA

[The influence of long-term use of proton pump inhibitors on the gut microbiota: an age-sex-matched case-control study.](#)

Journal of clinical biochemistry and nutrition , Volume: 62 Issue: 1 2018 Jan

Authors Takagi T,Naito Y,Inoue R,Kashiwagi S,Uchiyama K,Mizushima K,Tsuchiya S,Okayama T,Dohi O,Yoshida N,Kamada K,Ishikawa T,Handa O,Konishi H,Okuda K,Tsujimoto Y,Ohnogi H,Itoh Y

[Chemoprevention of colorectal cancer by black raspberry anthocyanins involved the modulation of gut microbiota and SFRP2 demethylation.](#)

Carcinogenesis , 2018 Jan 19

Authors Chen L,Jiang B,Zhong C,Guo J,Zhang L,Mu T,Zhang Q,Bi X

[The modulatory effect of polyphenols from green tea, oolong tea and black tea on human intestinal microbiota in vitro.](#)

Journal of food science and technology , Volume: 55 Issue: 1 2018 Jan

Authors Sun H,Chen Y,Cheng M,Zhang X,Zheng X,Zhang Z

[The Relationship between Habitual Dietary Intake and Gut Microbiota in Young Japanese Women.](#)

Journal of nutritional science and vitaminology , Volume: 63 Issue: 6 2017

Authors Seura T,Yoshino Y,Fukuwatari T

[Transferrin and Lactoferrin - Human Iron Sources for Enterococci.](#)

Polish journal of microbiology , Volume: 66 Issue: 4 2017 Dec 4

Authors Lisiecki P

[Effect of dark sweet cherry powder consumption on the gut microbiota, short-chain fatty acids, and biomarkers of gut health in obese db/db mice.](#)

PeerJ , Volume: 6 2018

Authors Garcia-Mazcorro JF,Lage NN,Mertens-Talcott S,Talcott S,Chew B,Dowd SE,Kawas JR,Noratto GD

[Evaluation of the effects of different diets on microbiome diversity and fatty acid composition of rumen liquor in dairy goat.](#)

Animal : an international journal of animal bioscience , 2018 Jan 8

Authors Cremonesi P,Conte G,Severgnini M,Turri F,Monni A,Capra E,Rapetti L,Colombini S,Chessa S,Battelli G,Alves SP,Mele M,Castiglioni B

[Thymus mastichina L. essential oils from Murcia \(Spain\): Composition and antioxidant, antienzymatic and antimicrobial bioactivities.](#)

PloS one , Volume: 13 Issue: 1 2018

Authors Cutillas AB,Carrasco A,Martinez-Gutierrez R,Tomas V,Tudela J

[Bacteriostatic Effect of Quercetin as an Antibiotic Alternative In Vivo and Its Antibacterial Mechanism In Vitro.](#)

Journal of food protection , Volume: 81 Issue: 1 2018 Jan

Authors Wang S,Yao J,Zhou B,Yang J,Chaudry MT,Wang M,Xiao F,Li Y,Yin W

[Effects of fermented soymilk with Lactobacillus casei Shirota on skin condition and the gut microbiota: a randomised clinical pilot trial.](#)

Beneficial microbes , Volume: 9 Issue: 2 2018 Feb 27

Authors Nagino T,Kaga C,Kano M,Masuoka N,Anbe M,Moriyama K,Maruyama K,Nakamura S,Shida K,Miyazaki K

[Update of incidence and antimicrobial susceptibility trends of Escherichia coli and Klebsiella pneumoniae isolates from Chinese intra-abdominal infection patients.](#)

BMC infectious diseases , Volume: 17 Issue: 1 2017 Dec 18

Authors Zhang H,Yang Q,Liao K,Ni Y,Yu Y,Hu B,Sun Z,Huang W,Wang Y,Wu A,Feng X,Luo Y,Chu Y,Chen S,Cao B,Su J,Duan Q,Zhang S,Shao H,Kong H,Gui B,Hu Z,Badal R,Xu Y

[The Impact of Long-Term Intake of Phenolic Compounds-Rich Grape Pomace on Rat Gut Microbiota.](#)

Journal of food science , Volume: 83 Issue: 1 2018 Jan

Authors Chacar S,Itani T,Hajal J,Saliba Y,Louka N,Faivre JF,Maroun R,Fares N

[Exposure to traffic-related air pollution and the composition of the gut microbiota in overweight and obese adolescents.](#)

Environmental research , Volume: 161 2018 Feb

Authors Alderete TL,Jones RB,Chen Z,Kim JS,Habre R,Lurmann F,Gilliland FD,Goran MI

[Exposure to traffic-related air pollution and the composition of the gut microbiota in overweight and obese adolescents.](#)

Environmental research , Volume: 161 2018 Feb

Authors Alderete TL,Jones RB,Chen Z,Kim JS,Habre R,Lurmann F,Gilliland FD,Goran MI

[Systematic review: human gut dysbiosis induced by non-antibiotic prescription medications.](#)

Alimentary pharmacology & therapeutics , Volume: 47 Issue: 3 2018 Feb

Authors Le Bastard Q,Al-Ghalith GA,Grégoire M,Chapelet G,Javaudin F,Dailly E,Batard E,Knights D,Montassier E

[Berberine treatment increases Akkermansia in the gut and improves high-fat diet-induced atherosclerosis in Apoe\(-/-\) mice.](#)

Atherosclerosis , Volume: 268 2018 Jan

Authors Zhu L,Zhang D,Zhu H,Zhu J,Weng S,Dong L,Liu T,Hu Y,Shen X

[Amelioration of Intestinal Barrier Dysfunction by Berberine in the Treatment of Nonalcoholic Fatty Liver Disease in Rats.](#)

Pharmacognosy magazine , Volume: 13 Issue: 52 2017 Oct-Dec

Authors Li D,Zheng J,Hu Y,Hou H,Hao S,Liu N,Wang Y

[Blood lactose after dairy product intake in healthy men.](#)

The British journal of nutrition , Volume: 118 Issue: 12 2017 Dec

Authors Pimentel G,Burton KJ,Rosikiewicz M,Freiburghaus C,von Ah U,Münger LH,Pralong FP,Vionnet N,Greub G,Badertscher R,Vergères G

[Effects of Lactobacillus acidophilus on gut microbiota composition in broilers challenged with Clostridium perfringens.](#)

PloS one , Volume: 12 Issue: 11 2017

Authors Li Z,Wang W,Liu D,Guo Y

[Quercetin metabolism by fecal microbiota from healthy elderly human subjects.](#)

PloS one , Volume: 12 Issue: 11 2017

Authors Tamura M,Hoshi C,Kobori M,Takahashi S,Tomita J,Nishimura M,Nishihira J

[Balancing Herbal Medicine and Functional Food for Prevention and Treatment of Cardiometabolic Diseases through Modulating Gut Microbiota.](#)

Frontiers in microbiology , Volume: 8 2017

Authors Lyu M,Wang YF,Fan GW,Wang XY,Xu SY,Zhu Y

[Exercise Alters Gut Microbiota Composition and Function in Lean and Obese Humans.](#)

Medicine and science in sports and exercise , Volume: 50 Issue: 4 2018 Apr

Authors Allen JM,Mailing LJ,Niemiro GM,Moore R,Cook MD,White BA,Holscher HD,Woods JA

[A combination of quercetin and resveratrol reduces obesity in high-fat diet-fed rats by modulation of gut microbiota.](#)

Food & function , Volume: 8 Issue: 12 2017 Dec 13

Authors Zhao L,Zhang Q,Ma W,Tian F,Shen H,Zhou M

[Novel carbohydrate binding modules in the surface anchored \$\alpha\$ -amylase of Eubacterium rectale provide a molecular rationale for the range of starches used by this organism in the human gut.](#)

Molecular microbiology , Volume: 107 Issue: 2 2018 Jan

Authors Cockburn DW,Suh C,Medina KP,Duvall RM,Wawrzak Z,Henrissat B,Koropatkin NM

[The green tea modulates large intestinal microbiome and exo/endogenous metabolome altered through chronic UVB-exposure.](#)

PloS one , Volume: 12 Issue: 11 2017

Authors Jung ES,Park HM,Hyun SM,Shon JC,Singh D,Liu KH,Whon TW,Bae JW,Hwang JS,Lee CH

[An *in vitro* Comparative Evaluation of Efficacy of Disinfecting Ability of Garlic Oil, Neem Oil, Clove Oil, and Tulsi Oil with autoclaving on Endodontic K Files tested against Enterococcus faecalis.](#)

International journal of clinical pediatric dentistry , Volume: 10 Issue: 3 2017 Jul-Sep

Authors Hugar S,M Patel P,Nagmoti J,Uppin C,Mistry L,Dhariwal N

[Clostridium butyricum CGMCC0313.1 Protects against Autoimmune Diabetes by Modulating Intestinal Immune Homeostasis and Inducing Pancreatic Regulatory T Cells.](#)

Frontiers in immunology , Volume: 8 2017

Authors Jia L,Shan K,Pan LL,Feng N,Lv Z,Sun Y,Li J,Wu C,Zhang H,Chen W,Diana J,Sun J,Chen YQ

Lactobacillus plantarum HNU082-derived improvements in the intestinal microbiome prevent the development of hyperlipidaemia.

Food & function , Volume: 8 Issue: 12 2017 Dec 13

Authors Shao Y,Huo D,Peng Q,Pan Y,Jiang S,Liu B,Zhang J

In-vitro antimicrobial activity and identification of bioactive components using GC-MS of commercially available essential oils in Saudi Arabia.

Journal of food science and technology , Volume: 54 Issue: 12 2017 Nov

Authors Ashraf SA,Al-Shammari E,Hussain T,Tajuddin S,Panda BP

The effects of iron fortification and supplementation on the gut microbiome and diarrhea in infants and children: a review.

The American journal of clinical nutrition , Volume: 106 Issue: Suppl 6 2017 Dec

Authors Paganini D,Zimmermann MB

High-Salt Diet Has a Certain Impact on Protein Digestion and Gut Microbiota: A Sequencing and Proteome Combined Study.

Frontiers in microbiology , Volume: 8 2017

Authors Wang C,Huang Z,Yu K,Ding R,Ye K,Dai C,Xu X,Zhou G,Li C

Indoor microbiota in severely moisture damaged homes and the impact of interventions.

Microbiome , Volume: 5 Issue: 1 2017 Oct 13

Authors Jayaprakash B,Adams RI,Kirjavainen P,Karvonen A,Vepsäläinen A,Valkonen M,Järvi K,Sulyok M,Pekkanen J,Hyvärinen A,Täubel M

Effects of microencapsulated Lactobacillus plantarum LIP-1 on the gut microbiota of hyperlipidaemic rats.

The British journal of nutrition , Volume: 118 Issue: 7 2017 Oct

Authors Song JJ,Tian WJ,Kwok LY,Wang YL,Shang YN,Menghe B,Wang JG

Biochanin A partially restores the activity of ofloxacin and ciprofloxacin against topoisomerase IV mutation-associated fluoroquinolone-resistant Ureaplasma species.

Journal of medical microbiology , Volume: 66 Issue: 11 2017 Nov

Authors Jin H,Qi C,Zou Y,Kong Y,Ruan Z,Ding H,Xie X,Zhang J

Study of anticancer and antibacterial activities of Foeniculum vulgare, Justicia adhatoda and Urtica dioica as natural curatives.

Cellular and molecular biology (Noisy-le-Grand, France) , Volume: 63 Issue: 9 2017 Sep 30

Authors Batool R,Salahuddin H,Mahmood T,Ismail M

Ketogenic diet poses a significant effect on imbalanced gut microbiota in infants with refractory epilepsy.

World journal of gastroenterology , Volume: 23 Issue: 33 2017 Sep 7

Authors Xie G,Zhou Q,Qiu CZ,Dai WK,Wang HP,Li YH,Liao JX,Lu XG,Lin SF,Ye JH,Ma ZY,Wang WJ

Antimicrobial Activity of Honey with Special Reference to Methicillin Resistant Staphylococcus aureus (MRSA) and Methicillin Sensitive Staphylococcus aureus (MSSA).

Journal of clinical and diagnostic research : JCDR , Volume: 11 Issue: 8 2017 Aug

Authors Rani GN,Budumuru R,Bandaru NR

Synergistic effect of <i>Carum copticum</i> and <i>Mentha piperita</i> essential oils with ciprofloxacin, vancomycin, and gentamicin on Gram-negative and Gram-positive bacteria.

International journal of pharmaceutical investigation , Volume: 7 Issue: 2 2017 Apr-Jun

Authors Talei GR,Mohammadi M,Bahmani M,Kopaei MR

Moderate-Intensity Exercise Affects Gut Microbiome Composition and Influences Cardiac Function in Myocardial Infarction Mice.

Frontiers in microbiology , Volume: 8 2017

Authors Liu Z,Liu HY,Zhou H,Zhan Q,Lai W,Zeng Q,Ren H,Xu D

Navy and black bean supplementation primes the colonic mucosal microenvironment to improve gut health.

The Journal of nutritional biochemistry , Volume: 49 2017 Nov

Authors Monk JM,Lepp D,Wu W,Pauls KP,Robinson LE,Power KA

Assessment of plaque regrowth with a probiotic toothpaste containing <i>Lactobacillus paracasei</i>: A spectrophotometric study.

Journal of the Indian Society of Pedodontics and Preventive Dentistry , Volume: 35 Issue: 4 2017 Oct-Dec

Authors Srinivasan S,Nandlal B,Rao MVS

Antibacterial activity and interactions of plant essential oil combinations against Gram-positive and Gram-negative bacteria.

Journal of food and drug analysis , Volume: 25 Issue: 2 2017 Apr

Authors Semeniuc CA,Pop CR,Rotar AM

Reduced obesity, diabetes, and steatosis upon cinnamon and grape pomace are associated with changes in gut microbiota and markers of gut barrier.

American journal of physiology. Endocrinology and metabolism , Volume: 314 Issue: 4 2018 Apr 1
 Authors Van Hul M,Geurts L,Plovier H,Druart C,Everard A,Ståhlman M,Rhimi M,Chira K,Teissedre PL,Delzenne NM,Maguin E,Guilbot A,Brochot A,Gérard P,Bäckhed F,Canu PD

[Dietary pomegranate extract and inulin affect gut microbiome differentially in mice fed an obesogenic diet.](#)

Anaerobe , Volume: 48 2017 Dec

Authors Zhang S,Yang J,Henning SM,Lee R,Hsu M,Grojean E,Pisegna R,Ly A,Heber D,Li Z

[A yeast fermentate improves gastrointestinal discomfort and constipation by modulation of the gut microbiome: results from a randomized double-blind placebo-controlled pilot trial.](#)

BMC complementary and alternative medicine , Volume: 17 Issue: 1 2017 Sep 4

Authors Pinheiro I,Robinson L,Verhelst A,Marzorati M,Winkens B,den Abbeele PV,Possemiers S

[Characterization of an antimicrobial substance produced by Lactobacillus plantarum NTU 102.](#)

Journal of microbiology, immunology, and infection = Wei mian yu gan ran za zhi , 2017 Aug 29

Authors Lin TH,Pan TM

[Effect of Probiotic Lactobacilli on the Growth of Streptococcus Mutans and Multispecies Biofilms Isolated from Children with Active Caries.](#)

Medical science monitor : international medical journal of experimental and clinical research , Volume: 23 2017 Aug 30

Authors Lin X,Chen X,Tu Y,Wang S,Chen H

[Lactobacillus plantarum LP-Onlly alters the gut flora and attenuates colitis by inducing microbiome alteration in interleukin-10 knockout mice.](#)

Molecular medicine reports , Volume: 16 Issue: 5 2017 Nov

Authors Chen H,Xia Y,Zhu S,Yang J,Yao J,Di J,Liang Y,Gao R,Wu W,Yang Y,Shi C,Hu D,Qin H,Wang Z

[Changes in the intestinal microbiota following the administration of azithromycin in a randomised placebo-controlled trial among infants in south India](#)

Scientific Reports , Volume: 7 2017 Aug 23

Authors Parker EP,Praharaj I,John J,Kaliappan SP,Kampmann B,Kang G,Grassly NC

[Consumption of an acid protease derived from Aspergillus oryzae causes bifidogenic effect in rats.](#)

Nutrition research (New York, N.Y.) , Volume: 44 2017 Aug

Authors Yang Y,Iwamoto A,Kumrungsee T,Okazaki Y,Kuroda M,Yamaguchi S,Kato N

[Regulative effects of curcumin spice administration on gut microbiota and its pharmacological implications.](#)

Food & nutrition research , Volume: 61 Issue: 1 2017

Authors Shen L,Liu L,Ji HF

[Effects of One-Week Empirical Antibiotic Therapy on the Early Development of Gut Microbiota and Metabolites in Preterm Infants](#)

Scientific Reports , Volume: 7 2017 Aug 14

Authors Zhu D,Xiao S,Yu J,Ai Q,He Y,Cheng C,Zhang Y,Pan Y

[Dietary Propolis Ameliorates Dextran Sulfate Sodium-Induced Colitis and Modulates the Gut Microbiota in Rats Fed a Western Diet.](#)

Nutrients , Volume: 9 Issue: 8 2017 Aug 14

Authors Wang K,Jin X,You M,Tian W,Le Leu RK,Topping DL,Conlon MA,Wu L,Hu F

[Variation on Composition and Bioactivity of Essential Oils of Four Common Curcuma Herbs.](#)

Chemistry & biodiversity , Volume: 14 Issue: 11 2017 Nov

Authors Zhang L,Yang Z,Chen D,Huang Z,Li Y,Lan X,Su P,Pan W,Zhou W,Zheng X,Du Z

[Lactobacillus casei CCFM419 attenuates type 2 diabetes via a gut microbiota dependent mechanism.](#)

Food & function , Volume: 8 Issue: 9 2017 Sep 20

Authors Wang G,Li X,Zhao J,Zhang H,Chen W

[Screening bioactivity and bioactive constituents of Nordic unifloral honeys.](#)

Food chemistry , Volume: 237 2017 Dec 15

Authors Salonen A,Virjamo V,Tammela P,Fauch L,Julkunen-Tiitto R

[Effects of oral florfenicol and azithromycin on gut microbiota and adipogenesis in mice.](#)

PloS one , Volume: 12 Issue: 7 2017

Authors Li R,Wang H,Shi Q,Wang N,Zhang Z,Xiong C,Liu J,Chen Y,Jiang L,Jiang Q

[Microbiota, metabolome, and immune alterations in obese mice fed a high-fat diet containing type 2 resistant starch.](#)

Molecular nutrition & food research , Volume: 61 Issue: 11 2017 Nov

Authors Barouei J,Bendiks Z,Martinic A,Mishchuk D,Heeney D,Hsieh YH,Kieffer D,Zaragoza J,Martin R,Slupsky C,Marco ML

[Specific Signatures of the Gut Microbiota and Increased Levels of Butyrate in Children Treated with Fermented Cow's Milk Containing Heat-Killed Lactobacillus paracasei CBA L74.](#)

Applied and environmental microbiology , Volume: 83 Issue: 19 2017 Oct 1

Authors Berni Canani R,De Filippis F,Nocerino R,Laiola M,Paparo L,Calignano A,De Caro C,Coretti L,Chiariotti L,Gilbert JA,Ercolini D

[Black Raspberries and Their Anthocyanin and Fiber Fractions Alter the Composition and Diversity of Gut Microbiota in F-344 Rats.](#)

Nutrition and cancer , Volume: 69 Issue: 6 2017 Aug-Sep

Authors Pan P,Lam V,Salzman N,Huang YW,Yu J,Zhang J,Wang LS

[Fat binding capacity and modulation of the gut microbiota both determine the effect of wheat bran fractions on adiposity.](#)

Scientific reports , Volume: 7 Issue: 1 2017 Jul 17

Authors Suriano F,Bindels LB,Verspreet J,Courtin CM,Verbeke K,Cani PD,Neyrinck AM,Delzenne NM

[Association of Silver Nanoparticles and Curcumin Solid Dispersion: Antimicrobial and Antioxidant Properties.](#)

AAPS PharmSciTech , Volume: 19 Issue: 1 2018 Jan

Authors Alves TF,Chaud MV,Grotto D,Jozala AF,Pandit R,Rai M,Dos Santos CA

[Prebiotic Potential and Chemical Composition of Seven Culinary Spice Extracts.](#)

Journal of food science , Volume: 82 Issue: 8 2017 Aug

Authors Lu QY,Summanen PH,Lee RP,Huang J,Henning SM,Heber D,Finegold SM,Li Z

[Monitoring *in vitro* antibacterial efficacy of 26 Indian spices against multidrug resistant urinary tract infecting bacteria.](#)

Integrative medicine research , Volume: 3 Issue: 3 2014 Sep

Authors Rath S,Padhy RN

[Next generation sequencing of oral microbiota in Type 2 diabetes mellitus prior to and after neem stick usage and correlation with serum monocyte chemoattractant-1.](#)

Diabetes research and clinical practice , Volume: 130 2017 Aug

Authors Anbalagan R,Srikanth P,Mani M,Barani R,Seshadri KG,Janarthanan R

[Evaluation of antimicrobial activity of Curcuma longa rhizome extract against Staphylococcus aureus.](#)

Biotechnology reports (Amsterdam, Netherlands) , Volume: 6 2015 Jun

Authors Gupta A,Mahajan S,Sharma R

[The effects of the Lactobacillus casei strain on obesity in children: a pilot study.](#)

Beneficial microbes , Volume: 8 Issue: 4 2017 Aug 24

Authors Nagata S,Chiba Y,Wang C,Yamashiro Y

[Effect of Sweetened Dried Cranberry Consumption on Urinary Proteome and Fecal Microbiome in Healthy Human Subjects.](#)

Omics : a journal of integrative biology , Volume: 22 Issue: 2 2018 Feb

Authors Bekiaries N,Krueger CG,Meudt JJ,Shanmuganayagam D,Reed JD

[Inter-individual differences determine the outcome of wheat bran colonization by the human gut microbiome.](#)

Environmental microbiology , Volume: 19 Issue: 8 2017 Aug

Authors De Paepe K,Kerckhof FM,Verspreet J,Courtin CM,Van de Wiele T

[Gastrointestinal Simulation Model TWN-SHIME Shows Differences between Human Urolithin-Metabotypes in Gut Microbiota Composition, Pomegranate Polyphenol Metabolism, and Transport along the Intestinal Tract.](#)

Journal of agricultural and food chemistry , Volume: 65 Issue: 27 2017 Jul 12

Authors García-Villalba R,Vissenaekens H,Pitart J,Romo-Vaquero M,Espín JC,Grootaert C,Selma MV,Raes K,Smagghe G,Possemiers S,Van Camp J,Tomas-Barberan FA

[Green synthesis of tea Ag nanocomposite hydrogels via mint leaf extraction for effective antibacterial activity.](#)

Journal of biomaterials science. Polymer edition , Volume: 28 Issue: 14 2017 Oct

Authors Jayaramudu T,Varaprasad K,Raghavendra GM,Sadiku ER,Mohana Raju K,Amalraj J

[Probiotic yogurt and acidified milk similarly reduce postprandial inflammation and both alter the gut microbiota of healthy, young men.](#)

The British journal of nutrition , Volume: 117 Issue: 9 2017 May

Authors Burton KJ,Rosikiewicz M,Pimentel G,Bütikofer U,von Ah U,Voirol MJ,Croxatto A,Aeby S,Drai J,McTernan PG,Greub G,Pralong FP,Vergères G,Vionnet N

[Association between Yogurt Consumption and Intestinal Microbiota in Healthy Young Adults Differs by Host Gender.](#)

Frontiers in microbiology , Volume: 8 2017

Authors Suzuki Y,Ikeda K,Sakuma K,Kawai S,Sawaki K,Asahara T,Takahashi T,Tsuji H,Nomoto K,Nagpal R,Wang C,Nagata S,Yamashiro Y

[Effects of Commercial Apple Varieties on Human Gut Microbiota Composition and Metabolic Output Using an In Vitro Colonic Model.](#)

Nutrients , Volume: 9 Issue: 6 2017 May 24

Authors Koutsos A,Lima M,Conterno L,Gasperotti M,Bianchi M,Fava F,Vrhovsek U,Lovegrove JA,Tuohy KM

[Health benefit of vegetable/fruit juice-based diet: Role of microbiome](#)

Scientific Reports , Volume: 7 2017 May 19

Authors Henning SM,Yang J,Shao P,Lee RP,Huang J,Ly A,Hsu M,Lu QY,Thames G,Heber D,Li Z

The effects of micronutrient deficiencies on bacterial species from the human gut microbiota.

Science translational medicine , Volume: 9 Issue: 390 2017 May 17

Authors Hibberd MC,Wu M,Rodionov DA,Li X,Cheng J,Griffin NW,Barratt MJ,Giannone RJ,Hettich RL,Osterman AL,Gordon JI

Influence of chronic azithromycin treatment on the composition of the oropharyngeal microbial community in patients with severe asthma.

BMC microbiology , Volume: 17 Issue: 1 2017 May 10

Authors Lopes Dos Santos Santiago G,Brusselle G,Dauwe K,Deschaght P,Verhofstede C,Vaneechoutte D,Deschepper E,Jordens P,Joos G,Vaneechoutte M

Saccharin induced liver inflammation in mice by altering the gut microbiota and its metabolic functions.

Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association , Volume: 107 Issue: Pt B 2017 Sep

Authors Bian X,Tu P,Chi L,Gao B,Ru H,Lu K

Effect of dietary supplementation with Lactobacillus acidophilus D2/CSL (CECT 4529) on caecum microbioma and productive performance in broiler chickens.

PloS one , Volume: 12 Issue: 5 2017

Authors De Cesare A,Sirri F,Manfreda G,Moniaci P,Giardini A,Zampiga M,Meluzzi A

Berberine protects against diet-induced obesity through regulating metabolic endotoxemia and gut hormone levels.

Molecular medicine reports , Volume: 15 Issue: 5 2017 May

Authors Xu JH,Liu XZ,Pan W,Zou DJ

Effect of a probiotic beverage consumption (Enterococcus faecium CRL 183 and Bifidobacterium longum ATCC 15707) in rats with chemically induced colitis.

PloS one , Volume: 12 Issue: 4 2017

Authors Celiberto LS,Bedani R,Dejani NN,Ivo de Medeiros A,Sampaio Zuanon JA,Spolidorio LC,Tallarico Adorno MA,Amâncio Varesche MB,Carrilho Galvão F,Valentini SR,Font de Valdez G,Rossi EA,Cavallini DCU

Influence of diet on the gut microbiome and implications for human health.

Journal of translational medicine , Volume: 15 Issue: 1 2017 Apr 8

Authors Singh RK,Chang HW,Yan D,Lee KM,Ucmak D,Wong K,Abrouk M,Farahnik B,Nakamura M,Zhu TH,Bhutani T,Liao W

Carbohydrate Staple Food Modulates Gut Microbiota of Mongolians in China.

Frontiers in microbiology , Volume: 8 2017

Authors Li J,Hou Q,Zhang J,Xu H,Sun Z,Menghe B,Zhang H

Short-term impact of a classical ketogenic diet on gut microbiota in GLUT1 Deficiency Syndrome: A 3-month prospective observational study.

Clinical nutrition ESPEN , Volume: 17 2017 Feb

Authors Tagliabue A,Ferraris C,Uggeri F,Trentani C,Bertoli S,de Giorgis V,Veggiotti P,Eli M

Potential use of targeted enzymatic agents in the treatment of Staphylococcus aureus biofilm-related infections.

The Journal of hospital infection , Volume: 96 Issue: 2 2017 Jun

Authors Hogan S,Zapotoczna M,Stevens NT,Humphreys H,O'Gara JP,O'Neill E

Good Bugs vs Bad Bugs: Evaluation of Inhibitory Effect of Selected Probiotics against Enterococcus faecalis.

The journal of contemporary dental practice , Volume: 18 Issue: 4 2017 Apr 1

Authors Bohora AA,Kokate SR

Changes in intestinal microbiota composition and metabolism coincide with increased intestinal permeability in young adults under prolonged physiological stress.

American journal of physiology. Gastrointestinal and liver physiology , Volume: 312 Issue: 6 2017 Jun 1

Authors Karl JP,Margolis LM,Madslien EH,Murphy NE,Castellani JW,Gundersen Y,Hoke AV,Levangie MW,Kumar R,Chakraborty N,Gautam A,Hammamieh R,Martini S,Montain SJ,Pasiakos SM

Tea polyphenols inhibit the growth and virulence properties of Fusobacterium nucleatum.

Scientific reports , Volume: 7 2017 Mar 21

Authors Ben Lagha A,Haas B,Grenier D

Evaluation of Phenolic Compounds and Antioxidant and Antimicrobial Activities of Some Common Herbs.

International journal of analytical chemistry , Volume: 2017 2017

Authors Abdul Qadir M,Shahzadi SK,Bashir A,Munir A,Shahzad S

Effect of dietary polyphenol-rich grape seed on growth performance, antioxidant capacity and ileal microflora in broiler chicks.

Journal of animal physiology and animal nutrition , Volume: 102 Issue: 1 2018 Feb

Authors Abu Hafsa SH,Ibrahim SA

Impact of Westernized Diet on Gut Microbiota in Children on Leyte Island.

Frontiers in microbiology , Volume: 8 2017

Authors Nakayama J,Yamamoto A,Palermo-Conde LA,Higashi K,Sonomoto K,Tan J,Lee YK

Apple Polysaccharide inhibits microbial dysbiosis and chronic inflammation and modulates gut permeability in HFD-fed rats.

International journal of biological macromolecules , Volume: 99 2017 Jun

Authors Wang S,Li Q,Zang Y,Zhao Y,Liu N,Wang Y,Xu X,Liu L,Mei Q

Impact of humic acids on the colonic microbiome in healthy volunteers.

World journal of gastroenterology , Volume: 23 Issue: 5 2017 Feb 7

Authors Swidsinski A,Dörffel Y,Loening-Baucke V,Gille C,Reifshauer A,Göktas O,Krüger M,Neuhaus J,Schrödl W

Characterization of ginger essential oil/palygorskite composite (GEO-PGS) and its anti-bacteria activity.

Materials science & engineering. C, Materials for biological applications , Volume: 73 2017 Apr 1

Authors Lei H,Wei Q,Wang Q,Su A,Xue M,Liu Q,Hu Q

Epigallocatechin gallate induces a hepatospecific decrease in the CYP3A expression level by altering intestinal flora.

European journal of pharmaceutical sciences : official journal of the European Federation for Pharmaceutical Sciences , Volume: 100 2017 Mar 30

Authors Ikarashi N,Ogawa S,Hirobe R,Kon R,Kusunoki Y,Yamashita M,Mizukami N,Kaneko M,Wakui N,Machida Y,Sugiyama K

Biological activities of Rosmarinus officinalis L. (rosemary) extract as analyzed in microorganisms and cells.

Experimental biology and medicine (Maywood, N.J.) , Volume: 242 Issue: 6 2017 Mar

Authors de Oliveira JR,de Jesus D,Figueira LW,de Oliveira FE,Pacheco Soares C,Camargo SE,Jorge AO,de Oliveira LD

Etiologies of community-onset urinary tract infections requiring hospitalization and antimicrobial susceptibilities of causative microorganisms.

Journal of microbiology, immunology, and infection = Wei mian yu gan ran za zhi , Volume: 50 Issue: 6 2017 Dec

Authors Chiu CC,Lin TC,Wu RX,Yang YS,Hsiao PJ,Lee Y,Lin JC,Chang FY

Prospective randomized controlled study on the effects of Saccharomyces boulardii CNCM I-745 and amoxicillin-clavulanate or the combination on the gut microbiota of healthy volunteers.

Gut microbes , Volume: 8 Issue: 1 2017 Jan 2

Authors Kabani TA,Pallav K,Dowd SE,Villafuerte-Galvez J,Vanga RR,Castillo NE,Hansen J,Dennis M,Leffler DA,Kelly CP

Early-Life Sugar Consumption Affects the Rat Microbiome Independently of Obesity.

The Journal of nutrition , Volume: 147 Issue: 1 2017 Jan

Authors Noble EE,Hsu TM,Jones RB,Fodor AA,Goran MI,Kanoski SE

Improved Glucose Homeostasis in Obese Mice Treated With Resveratrol Is Associated With Alterations in the Gut Microbiome.

Diabetes , Volume: 66 Issue: 2 2017 Feb

Authors Sung MM,Kim TT,Denou E,Softys CM,Hamza SM,Byrne NJ,Masson G,Park H,Wishart DS,Madsen KL,Schertzer JD,Dyck JR

Gut-borne Saccharomyces cerevisiae, a promising candidate for the formulation of feed additives, modulates immune system and gut microbiota.

Beneficial microbes , Volume: 7 Issue: 5 2016 Nov 30

Authors García G,Dogi C,de Moreno de LeBlanc A,Greco C,Cavaglieri L

Clinical characteristics and antimicrobial susceptibilities of anaerobic bacteremia in an acute care hospital.

Anaerobe , Volume: 43 2017 Feb

Authors Tan TY,Ng LS,Kwang LL,Rao S,Eng LC

Breaking the resistance of Escherichia coli: Antimicrobial activity of Berberis lycium Royle.

Microbial pathogenesis , Volume: 102 2017 Jan

Authors Malik TA,Kamili AN,Chishti MZ,Ahad S,Tantry MA,Hussain PR,Johri RK

Clustering according to urolithin metabotype explains the interindividual variability in the improvement of cardiovascular risk biomarkers in overweight-obese individuals consuming pomegranate: A randomized clinical trial.

Molecular nutrition & food research , Volume: 61 Issue: 5 2017 May

Authors González-Sarriás A,García-Villalba R,Romo-Vaquero M,Alasalvar C,Örem A,Zafrilla P,Tomás-Barberán FA,Selma MV,Espín JC

Short- and long-term effects of oral vancomycin on the human intestinal microbiota.

The Journal of antimicrobial chemotherapy , Volume: 72 Issue: 1 2017 Jan

Authors Isaac S,Scher JU,Djukovic A,Jiménez N,Littman DR,Abramson SB,Pamer EG,Ubeda C

Dairy and plant based food intakes are associated with altered faecal microbiota in 2 to 3 year old Australian children.

Scientific reports , Volume: 6 2016 Oct 3

Authors Smith-Brown P,Morrison M,Krause L,Davies PS

Benefits of Bifidobacterium animalis subsp. lactis Probiotic in Experimental Periodontitis.

Journal of periodontology , Volume: 88 Issue: 2 2017 Feb

Authors Oliveira LF,Salvador SL,Silva PH,Furlaneto FA,Figueiredo L,Casarin R,Evolino E,Palioto DB,Souza SL,Taba M Jr,Novaes AB Jr,Messora MR

Antibacterial in vitro effects of preparations from Anthroposophical Medicine.**BMC complementary and alternative medicine** , Volume: 16 Issue: 1 2016 Sep 22

Authors Roser E,Gründemann C,Engels I,Huber R

Apple peel polyphenols: a key player in the prevention and treatment of experimental inflammatory bowel disease.**Clinical science (London, England : 1979)** , Volume: 130 Issue: 23 2016 Dec 1

Authors Denis MC,Roy D,Yeganeh PR,Desjardins Y,Varin T,Haddad N,Amre D,Sané AT,Garofalo C,Furtos A,Patey N,Delvin E,Tremblay E,Marette A,Beaulieu JF,Levy E

Japanese traditional dietary fungus koji *Aspergillus oryzae* functions as a prebiotic for *Blautia coecoides* through glycosylceramide: Japanese dietary fungus koji is a new prebiotic.**SpringerPlus** , Volume: 5 Issue: 1 2016

Authors Hamajima H,Matsunaga H,Fujikawa A,Sato T,Mitsutake S,Yanagita T,Nagao K,Nakayama J,Kitagaki H

Berberine Is a Novel Type Efflux Inhibitor Which Attenuates the MexXY-Mediated Aminoglycoside Resistance in *Pseudomonas aeruginosa*.**Frontiers in microbiology** , Volume: 7 2016

Authors Morita Y,Nakashima K,Nishino K,Kotani K,Tomida J,Inoue M,Kawamura Y

Iron Fortification of Foods for Infants and Children in Low-Income Countries: Effects on the Gut Microbiome, Gut Inflammation, and Diarrhea.**Nutrients** , Volume: 8 Issue: 8 2016 Aug 12

Authors Paganini D,Uyoga MA,Zimmermann MB

Non-absorbable apple procyanidins prevent obesity associated with gut microbial and metabolomic changes.**Scientific reports** , Volume: 6 2016 Aug 10

Authors Masumoto S,Terao A,Yamamoto Y,Mukai T,Miura T,Shoji T

Association of Intestinal Microbiota with Metabolic Markers and Dietary Habits in Patients with Type 2 Diabetes.**Digestion** , Volume: 94 Issue: 2 2016

Authors Yamaguchi Y,Adachi K,Sugiyama T,Shimozato A,Ebi M,Ogasawara N,Funaki Y,Goto C,Sasaki M,Kasugai K

Integrative analysis of metabolome and gut microbiota in diet-induced hyperlipidemic rats treated with berberine compounds.**Journal of translational medicine** , Volume: 14 Issue: 1 2016 Aug 5

Authors Li M,Shu X,Xu H,Zhang C,Yang L,Zhang L, Ji G

Randomised, double-blind, placebo-controlled trial with azithromycin selects for anti-inflammatory microbial metabolites in the emphysematous lung.**Thorax** , Volume: 72 Issue: 1 2017 Jan

Authors Segal LN,Clemente JC,Wu BG,Wikoff WR,Gao Z,Li Y,Ko JP,Rom WN,Blaser MJ,Weiden MD

The effect of volatile oil mixtures on the performance and ileo-caecal microflora of broiler chickens.**British poultry science** , Volume: 57 Issue: 6 2016 Dec

Authors Cetin E,Yibar A,Yesilbag D,Cetin I,Cengiz SS

Consumption of a *Bifidobacterium bifidum* Strain for 4 Weeks Modulates Dominant Intestinal Bacterial Taxa and Fecal Butyrate in Healthy Adults.**Applied and environmental microbiology** , Volume: 82 Issue: 19 2016 Oct 1

Authors Gargari G,Taverniti V,Balzaretti S,Ferrario C,Gardana C,Simonetti P,Guglielmetti S

In vitro antimicrobial activity of five essential oils on multidrug resistant Gram-negative clinical isolates.**Journal of intercultural ethnopharmacology** , Volume: 5 Issue: 3 2016 Jun-Aug

Authors Sakkas H,Gousia P,Economou V,Sakkas V,Petsios S,Papadopoulou C

Curcumin protects mice from *Staphylococcus aureus* pneumonia by interfering with the self-assembly process of a-hemolysin.**Scientific reports** , Volume: 6 2016 Jun 27

Authors Wang J,Zhou X,Li W,Deng X,Deng Y,Niu X

Short communication: Modulation of the small intestinal microbial community composition over short-term or long-term administration with *Lactobacillus plantarum* ZDY2013.**Journal of dairy science** , Volume: 99 Issue: 9 2016 Sep

Authors Xie Q,Pan M,Huang R,Tian X,Tao X,Shah NP,Wei H,Wan C

Microbiome-Metabolome Responses in the Cecum and Colon of Pig to a High Resistant Starch Diet.**Frontiers in microbiology** , Volume: 7 2016

Authors Sun Y,Su Y,Zhu W

Significant pharmacokinetic differences of berberine are attributable to variations in gut microbiota between Africans and Chinese.**Scientific reports** , Volume: 6 2016 Jun 10

Authors Alolga RN,Fan Y,Chen Z,Liu LW,Zhao YJ,Li J,Chen Y,Lai MD,Li P,Qi LW

In Vivo Effects of Tea Polyphenol Intake on Human Intestinal Microflora and Metabolism.**Bioscience, biotechnology, and biochemistry** , Volume: 56 Issue: 4 1992 Jan

Authors Okubo T,Ishihara N,Oura A,Serit M,Kim M,Yamamoto T,Mitsuoka T

The effect of berberine hydrochloride on Enterococcus faecalis biofilm formation and dispersion in vitro.**Microbiological research** , Volume: 186-187 2016 May-Jun

Authors Chen L,Bu Q,Xu H,Liu Y,She P,Tan R,Wu Y

Prevalence and Antimicrobial Resistance Patterns of Diarrheagenic Escherichia coli in Shanghai, China.**The Pediatric infectious disease journal** , Volume: 35 Issue: 8 2016 Aug

Authors Huang Z,Pan H,Zhang P,Cao X,Ju W,Wang C,Zhang J,Meng J,Yuan Z,Xu X

A Pathogen-Selective Antibiotic Minimizes Disturbance to the Microbiome.**Antimicrobial agents and chemotherapy** , Volume: 60 Issue: 7 2016 Jul

Authors Yao J,Carter RA,Vuagniaux G,Barbier M,Rosch JW,Rock CO

Effects of two different probiotics on microflora, morphology, and morphometry of gut in organic laying hens.**Poultry science** , Volume: 95 Issue: 11 2016 Nov 1

Authors Forte C,Acuti G,Manuali E,Casagrande Proietti P,Pavone S,Trabalza-Marinucci M,Moscatti L,Onofri A,Lorenzetti C,Franciosi MP

Survey of the Antibiofilm and Antimicrobial Effects of Zingiber officinale (in Vitro Study).**Jundishapur journal of microbiology** , Volume: 9 Issue: 2 2016 Feb

Authors Aghazadeh M,Zahedi Bialvaei A,Aghazadeh M,Kabiri F,Saliani N,Yousefi M,Eslami H,Samadi Kafil H

Lingonberries alter the gut microbiota and prevent low-grade inflammation in high-fat diet fed mice.**Food & nutrition research** , Volume: 60 2016

Authors Heyman-Lindén L,Kotowska D,Sand E,Bjursell M,Plaza M,Turner C,Holm C,Fåk F,Berger K

Dietary supplementation of Rosmarinus officinalis L. leaves in sheep affects the abundance of rumen methanogens and other microbial populations.**Journal of animal science and biotechnology** , Volume: 7 2016

Authors Cobellis G,Yu Z,Forte C,Acuti G,Trabalza-Marinucci M

Gas chromatography coupled with mass spectrometric characterization of Curcuma longa: Protection against pathogenic microbes and lipid peroxidation in rat`s tissue homogenate.**Pakistan journal of pharmaceutical sciences** , Volume: 29 Issue: 2 2016 Mar

Authors Hassan W,Gul S,Rehman S,Kanwal F,Afridi MS,Fazal H,Shah Z,Rahman A,da Rocha JB

In vitro bactericidal activity of promising nutraceuticals for targeting multidrug resistant Pseudomonas aeruginosa.**Nutrition (Burbank, Los Angeles County, Calif.)** , Volume: 32 Issue: 7-8 2016 Jul-Aug

Authors Chakotiya AS,Chawla R,Thakur P,Tanwar A,Narula A,Grover SS,Goel R,Arora R,Sharma RK

The intestinal microbiota of piglets fed with wheat bran variants as characterised by 16S rRNA next-generation amplicon sequencing.**Archives of animal nutrition** , Volume: 70 Issue: 3 2016

Authors Kraler M,Ghanbari M,Domig KJ,Schedle K,Kneifel W

Potential of neem (Azadirachta indica L.) for prevention and treatment of oncologic diseases.**Seminars in cancer biology** , Volume: 40-41 2016 Oct

Authors Patel SM,Nagulapalli Venkata KC,Bhattacharyya P,Sethi G,Bishayee A

Antimicrobial activities of six essential oils commonly used as condiments in Brazil against Clostridium perfringens.**Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology]** , Volume: 47 Issue: 2 2016 Apr-Jun

Authors Radaelli M,da Silva BP,Weidlich L,Hoehne L,Flach A,da Costa LA,Ethur EM

In vitro extraction and fermentation of polyphenols from grape seeds (Vitis vinifera) by human intestinal microbiota.**Food & function** , Volume: 7 Issue: 4 2016 Apr

Authors Zhou L,Wang W,Huang J,Ding Y,Pan Z,Zhao Y,Zhang R,Hu B,Zeng X

Rapid, Bioassay-Guided Process for the Detection and Identification of Antibacterial Neem Oil Compounds.**Journal of chromatographic science** , Volume: 54 Issue: 7 2016 Aug

Authors Krüzselyi D,Nagy R,Ott PG,Móricz ÁM

Effect of Wheat Dietary Fiber Particle Size during Digestion In Vitro on Bile Acid, Faecal Bacteria and Short-Chain Fatty Acid Content.**Plant foods for human nutrition (Dordrecht, Netherlands)** , Volume: 71 Issue: 2 2016 Jun

Authors Dziedzic K,Szwengiel A,Górecka D,Gujaska E,Kaczkowska J,Drozdzyńska A,Walkowiak J

Modulation of Gut Microbiota by Berberine Improves Steatohepatitis in High-Fat Diet-Fed BALB/C Mice.**Archives of Iranian medicine** , Volume: 19 Issue: 3 2016 Mar

Authors Cao Y,Pan Q,Cai W,Shen F,Chen GY,Xu LM,Fan JG

Lactobacillus plantarum NCU116 attenuates cyclophosphamide-induced intestinal mucosal injury, metabolism and

intestinal microbiota disorders in mice.**Food & function** , Volume: 7 Issue: 3 2016 Mar

Authors Xie JH,Fan ST,Nie SP,Yu Q,Xiong T,Gong D,Xie MY

Manipulation of the gut microbiota using resistant starch is associated with protection against colitis-associated colorectal cancer in rats.**Carcinogenesis** , Volume: 37 Issue: 4 2016 Apr

Authors Hu Y,Le Leu RK,Christophersen CT,Somashekar R,Conlon MA,Meng XQ,Winter JM,Woodman RJ,McKinnon R,Young GP

Lingonberries reduce atherosclerosis in Apoe(-/-) mice in association with altered gut microbiota composition and improved lipid profile.**Molecular nutrition & food research** , Volume: 60 Issue: 5 2016 May

Authors Matziouridou C,Marunguang N,Nguyen TD,Nyman M,Fåk F

Purification and characteristics of a novel bacteriocin produced by Enterococcus faecalis L11 isolated from Chinese traditional fermented cucumber.**Biotechnology letters** , Volume: 38 Issue: 5 2016 May

Authors Gao Y,Li B,Li D,Zhang L

Efficacy of oral Bifidobacterium bifidum ATCC 29521 on microflora and antioxidant in mice.**Canadian journal of microbiology** , Volume: 62 Issue: 3 2016 Mar

Authors Wang BG,Xu HB,Xu F,Zeng ZL,Wei H

Oral versus intravenous iron replacement therapy distinctly alters the gut microbiota and metabolome in patients with IBD.**Gut** , Volume: 66 Issue: 5 2017 May

Authors Lee T,Clavel T,Smirnov K,Schmidt A,Lagkouravdos I,Walker A,Lucio M,Michalke B,Schmitt-Kopplin P,Fedorak R,Haller D

Co-encapsulation of multi-lipids and polymers enhances the performance of vancomycin in lipid-polymer hybrid nanoparticles: In vitro and in silico studies.**Materials science & engineering. C, Materials for biological applications** , Volume: 61 2016 Apr 1

Authors Seedat N,Kalhapure RS,Mocktar C,Vepuri S,Jadhav M,Soliman M,Govender T

The Effects of Inulin on Characteristics of Lactobacillus paracasei TD3 (IBRC-M 10784) as Probiotic Bacteria in vitro.**Archives of Iranian medicine** , Volume: 19 Issue: 2 2016 Feb

Authors Mahboubi M,Kazempour N

Evaluation of probiotic properties of Lactobacillus plantarum WLPL04 isolated from human breast milk.**Journal of dairy science** , Volume: 99 Issue: 3 2016 Mar

Authors Jiang M,Zhang F,Wan C,Xiong Y,Shah NP,Wei H,Tao X

Antibacterial Activity of Probiotic Lactobacillus plantarum HK01: Effect of Divalent Metal Cations and Food Additives on Production Efficiency of Antibacterial Compounds.**Probiotics and antimicrobial proteins** , Volume: 5 Issue: 2 2013 Jun

Authors Sharafi H,Alidost L,Lababpour A,Shahbani Zahiri H,Abbasi H,Vali H,Akbari Noghabi K

Microbial Metabolism Shifts Towards an Adverse Profile with Supplementary Iron in the TIM-2 In vitro Model of the Human Colon.**Frontiers in microbiology** , Volume: 6 2015

Authors Kortman GA,Dutilh BE,Maathuis AJ,Engelke UF,Boekhorst J,Keegan KP,Nielsen FG,Betley J,Weir JC,Kingsbury Z,Kluijtmans LA,Swinkels DW,Venema K,Tjalsma H

Probiotic Characteristics of Lactobacillus plantarum FH185 Isolated from Human Feces.**Korean journal for food science of animal resources** , Volume: 35 Issue: 5 2015

Authors Park SY,Lim SD

The Effect of Lactobacillus casei 32G on the Mouse Cecum Microbiota and Innate Immune Response Is Dose and Time Dependent.**PloS one** , Volume: 10 Issue: 12 2015

Authors Aktas B,De Wolfe TJ,Tandee K,Safdar N,Darien BJ,Steele JL

Changes in Gut and Plasma Microbiome following Exercise Challenge in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS).**PloS one** , Volume: 10 Issue: 12 2015

Authors Shukla SK,Cook D,Meyer J,Vernon SD,Le T,Clevidence D,Robertson CE,Schrodi SJ,Yale S,Frank DN

Evidence for synergistic activity of plant-derived essential oils against fungal pathogens of food.**Food microbiology** , Volume: 53 Issue: Pt B 2016 Feb

Authors Hossain F,Follett P,Dang Vu K,Harich M,Salmieri S,Lacroix M

CHEMICAL COMPOSITION AND ANTIBACTERIAL ACTIVITY OF SOME MEDICINAL PLANTS FROM LAMIACEAE FAMILY.**Acta poloniae pharmaceutica** , Volume: 72 Issue: 4 2015 Jul-Aug

Authors Kozłowska M,Laudy AE,Przybył J,Ziarno M,Majewska E

[Red wine polyphenols modulate fecal microbiota and reduce markers of the metabolic syndrome in obese patients.](#)

Food & function , Volume: 7 Issue: 4 2016 Apr

Authors Moreno-Indias I,Sánchez-Alcoholado L,Pérez-Martínez P,Andrés-Lacueva C,Cardona F,Tinahones F,Queipo-Ortuño MI

[Inhibition of Staphylococcus aureus cocktail using the synergies of oregano and rosemary essential oils or carvacrol and 1,8-cineole.](#)

Frontiers in microbiology , Volume: 6 2015

Authors Honório VG,Bezerra J,Souza GT,Carvalho RJ,Gomes-Neto NJ,Figueiredo RC,Melo JV,Souza EL,Magnani M

[Role of colonic microbiota in colorectal carcinogenesis: a systematic review.](#)

Revista espanola de enfermedades digestivas , Volume: 107 Issue: 11 2015 Nov

Authors Borges-Canha M,Portela-Cidade JP,Dinis-Ribeiro M,Leite-Moreira AF,Pimentel-Nunes P

[Membrane filter method to study the effects of Lactobacillus acidophilus and Bifidobacterium longum on fecal microbiota.](#)

Microbiology and immunology , Volume: 59 Issue: 11 2015 Nov

Authors Shimizu H,Benno Y

[Bacteriocin-producing strains of Lactobacillus plantarum inhibit adhesion of Staphylococcus aureus to extracellular matrix: quantitative insight and implications in antibacterial therapy.](#)

Journal of medical microbiology , Volume: 64 Issue: 12 2015 Dec

Authors Mukherjee S,Ramesh A

[Table grape consumption reduces adiposity and markers of hepatic lipogenesis and alters gut microbiota in butter fat-fed mice.](#)

The Journal of nutritional biochemistry , Volume: 27 2016 Jan

Authors Baldwin J,Collins B,Wolf PG,Martinez K,Shen W,Chuang CC,Zhong W,Cooney P,Cockrell C,Chang E,Gaskins HR,McIntosh MK

[\[Effect of probiotic product containing bifidobacteria and biogel from brown algae on the intestinal microflora and parameters of innate immunity in mice with experimental drug dysbacteriosis\].](#)

Voprosy pitaniia , Volume: 84 Issue: 1 2015

Authors Kuznetsova TA,Makarenkova ID,Koneva EL,Aminina NM,Yakush EV

[Modulation of gut microbiota by berberine and metformin during the treatment of high-fat diet-induced obesity in rats.](#)

Scientific reports , Volume: 5 2015 Sep 23

Authors Zhang X,Zhao Y,Xu J,Xue Z,Zhang M,Pang X,Zhang X,Zhao L

[\[Grape seed proanthocyanidin extracts inhibit lipopolysaccharide of Porphyromonas gingivalis\].](#)

Shanghai kou qiang yi xue = Shanghai journal of stomatology , Volume: 24 Issue: 4 2015 Aug

Authors Ci XK,Chen LP,Ou XY

[Responses in colonic microbial community and gene expression of pigs to a long-term high resistant starch diet.](#)

Frontiers in microbiology , Volume: 6 2015

Authors Sun Y,Zhou L,Fang L,Su Y,Zhu W

[High Amylose Starch with Low In Vitro Digestibility Stimulates Hindgut Fermentation and Has a Bifidogenic Effect in Weaned Pigs.](#)

The Journal of nutrition , Volume: 145 Issue: 11 2015 Nov

Authors Foubse JM,Gänzle MG,Regmi PR,van Kempen TA,Zijlstra RT

[Green tea epigallocatechin-3-gallate alleviates Porphyromonas gingivalis-induced periodontitis in mice.](#)

International immunopharmacology , Volume: 29 Issue: 2 2015 Dec

Authors Cai Y,Chen Z,Liu H,Xuan Y,Wang X,Luan Q

[Antibacterial activity of cinnamaldehyde and clove oil: effect on selected foodborne pathogens in model food systems and watermelon juice.](#)

Journal of food science and technology , Volume: 52 Issue: 9 2015 Sep

Authors Siddiqua S,Anusha BA,Ashwini LS,Negi PS

[Influence of diet and spiramycin on *Actinomyces viscosus*-associated experimental periodontitis.](#)

Newsletter (International Academy of Periodontology) , Volume: 2 Issue: 1 1992 Mar

Authors Keyes PH,Rams TE,Jordan HV

[The effect of dietary resistant starch type 2 on the microbiota and markers of gut inflammation in rural Malawi children.](#)

Microbiome , Volume: 3 2015 Sep 3

Authors Ordiz MI,May TD,Mihindukulasuriya K,Martin J,Crowley J,Tarr PI,Ryan K,Mortimer E,Gopalsamy G,Maleta K,Mitrevva M,Young G,Manary MJ

[Saccharomyces boulardii CNCM I-745 supports regeneration of the intestinal microbiota after diarrheic dysbiosis - a review.](#)

Clinical and experimental gastroenterology , Volume: 8 2015

Authors Moré MI,Swidsinski A

[Azithromycin Synergizes with Cationic Antimicrobial Peptides to Exert Bactericidal and Therapeutic Activity Against Highly Multidrug-Resistant Gram-Negative Bacterial Pathogens.](#)

EBioMedicine , Volume: 2 Issue: 7 2015 Jul

Authors Lin L, Nonejuie P, Munguia J, Hollands A, Olson J, Dam Q, Kumaraswamy M, Rivera H Jr, Corriden R, Rohde M, Hensler ME, Burkart MD, Pogliano J, Sakoulas G, Nizet V

[Antimicrobial activity and the presence of virulence factors and bacteriocin structural genes in *Enterococcus faecium* CM33 isolated from ewe colostrum.](#)

Frontiers in microbiology , Volume: 6 2015

Authors Nami Y, Haghsheenas B, Haghsheenas M, Yari Khosroushahi A

[Allium cepa L. and Quercetin Inhibit RANKL/ Porphyromonas gingivalis LPS-Induced Osteoclastogenesis by Downregulating NF- \$\kappa\$ B Signaling Pathway.](#)

Evidence-based complementary and alternative medicine : eCAM , Volume: 2015 2015

Authors Oliveira T, Figueiredo CA, Brito C, Stavroullakis A, Ferreira AC, Nogueira-Filho G, Prakki A

[TLC-Direct Bioautography as a Bioassay Guided Method for Investigation of Antibacterial Compounds in *Hypericum perforatum* L.](#)

Journal of AOAC International , Volume: 98 Issue: 4 2015 Jul-Aug

Authors Jesionek W, Móricz ÁM, Alberti Á, Ott PG, Kocsis B, Horváth G, Choma IM

[In Vitro Activity of Epigallocatechin Gallate and Quercetin Alone and in Combination versus Clinical Isolates of Methicillin-Resistant *Staphylococcus aureus*.](#)

Journal of natural products , Volume: 78 Issue: 8 2015 Aug 28

Authors Betts JW, Sharili AS, Phee LM, Wareham DW

[In vitro and in vivo examination of anticolonization of pathogens by *Lactobacillus paracasei* FJ861111.1.](#)

Journal of dairy science , Volume: 98 Issue: 10 2015 Oct

Authors Deng K, Chen T, Wu Q, Xin H, Wei Q, Hu P, Wang X, Wang X, Wei H, Shah NP

[In vitro fermentation of lupin seeds \(*Lupinus albus*\) and broad beans \(*Vicia faba*\): dynamic modulation of the intestinal microbiota and metabolomic output.](#)

Food & function , Volume: 6 Issue: 10 2015 Oct

Authors Gullón P, Gullón B, Tavaría F, Vasconcelos M, Gomes AM

[Effect of daily intake of pomegranate juice on fecal microbiota and feces metabolites from healthy volunteers.](#)

Molecular nutrition & food research , Volume: 59 Issue: 10 2015 Oct

Authors Mosele JI, Gosalbes MJ, Macià A, Rubió L, Vázquez-Castellanos JF, Jiménez Hernández N, Moya A, Latorre A, Motilva MJ

[The Role of Curcumin in Modulating Colonic Microbiota During Colitis and Colon Cancer Prevention.](#)

Inflammatory bowel diseases , Volume: 21 Issue: 11 2015 Nov

Authors McFadden RM, Larmonier CB, Shehab KW, Midura-Kiela M, Ramalingam R, Harrison CA, Besselsen DG, Chase JH, Caporaso JG, Jobin C, Ghishan FK, Kiela PR

[Gelucire-Based Nanoparticles for Curcumin Targeting to Oral Mucosa: Preparation, Characterization, and Antimicrobial Activity Assessment.](#)

Journal of pharmaceutical sciences , Volume: 104 Issue: 11 2015 Nov

Authors Hazzah HA, Farid RM, Nasra MMA, Hazzah WA, El-Massik MA, Abdallah OY

[Antibacterial activity and mechanism of berberine against *Streptococcus agalactiae*.](#)

International journal of clinical and experimental pathology , Volume: 8 Issue: 5 2015

Authors Peng L, Kang S, Yin Z, Jia R, Song X, Li L, Li Z, Zou Y, Liang X, Li L, He C, Ye G, Yin L, Shi F, Lv C, Jing B

[Pomegranate extract induces ellagitannin metabolite formation and changes stool microbiota in healthy volunteers.](#)

Food & function , Volume: 6 Issue: 8 2015 Aug

Authors Li Z, Henning SM, Lee RP, Lu QY, Summanen PH, Thames G, Corbett K, Downes J, Tseng CH, Finegold SM, Heber D

[Soluble Dextrin Fibers Alter the Intestinal Microbiota and Reduce Proinflammatory Cytokine Secretion in Male IL-10-Deficient Mice.](#)

The Journal of nutrition , Volume: 145 Issue: 9 2015 Sep

Authors Valcheva R, Hotte N, Gillevet P, Sikaroodi M, Thiessen A, Madsen KL

[Wheat and barley differently affect porcine intestinal microbiota.](#)

Journal of the science of food and agriculture , Volume: 96 Issue: 6 2016 Apr

Authors Weiss E, Aumiller T, Spindler HK, Rosenfelder P, Eklund M, Witzig MJ, Jørgensen H, Bach Knudsen KE, Mosenthin R

[In vitro probiotic characteristics of *Lactobacillus plantarum* ZDY 2013 and its modulatory effect on gut microbiota of mice.](#)

Journal of dairy science , Volume: 98 Issue: 9 2015 Sep

Authors Huang R, Tao X, Wan C, Li S, Xu H, Xu F, Shah NP, Wei H

[Dietary modulation of the gut microbiota—a randomised controlled trial in obese postmenopausal women.](#)

The British journal of nutrition , Volume: 114 Issue: 3 2015 Aug 14

Authors Brahe LK, Le Chatelier E, Prifti E, Pons N, Kennedy S, Blädel T, Håkansson J, Dalsgaard TK, Hansen T, Pedersen O, Astrup A, Ehrlich SD, Larsen LH

[In vitro characterisation of the fermentation profile and prebiotic capacity of gold-fleshed kiwifruit.](#)

Beneficial microbes , Volume: 6 Issue: 6 2015

Authors Blatchford P,Bentley-Hewitt KL,Stoklosinski H,McGhie T,Gearry R,Gibson G,Ansell J

Antimicrobial Activity of Pomegranate and Green Tea Extract on Propionibacterium Acnes, Propionibacterium Granulosum, Staphylococcus Aureus and Staphylococcus Epidermidis.

Journal of drugs in dermatology : JDD , Volume: 14 Issue: 6 2015 Jun

Authors Li Z,Summanen PH,Downes J,Corbett K,Komoriya T,Henning SM,Kim J,Finegold SM

Antimicrobial Impacts of Essential Oils on Food Borne-Pathogens.

Recent patents on food, nutrition & agriculture , Volume: 7 Issue: 1 2015

Authors Ozogul Y,Kuley E,Ucar Y,Ozogul F

Bacterial sensing underlies artificial sweetener-induced growth of gut Lactobacillus.

Environmental microbiology , Volume: 18 Issue: 7 2016 Jul

Authors Daly K,Darby AC,Hall N,Wilkinson MC,Pongchaikul P,Bravo D,Shirazi-Beechey SP

Pomegranate ellagitannins stimulate growth of gut bacteria in vitro: Implications for prebiotic and metabolic effects.

Anaerobe , Volume: 34 2015 Aug

Authors Li Z,Summanen PH,Komoriya T,Henning SM,Lee RP,Carlson E,Heber D,Finegold SM

Interactions between Diet, Bile Acid Metabolism, Gut Microbiota, and Inflammatory Bowel Diseases.

Digestive diseases (Basel, Switzerland) , Volume: 33 Issue: 3 2015

Authors Devkota S,Chang EB

Effects of dietary linseed oil and propionate precursors on ruminal microbial community, composition, and diversity in Yanbian yellow cattle.

PloS one , Volume: 10 Issue: 5 2015

Authors Li XZ,Park BK,Shin JS,Choi SH,Smith SB,Yan CG

Antimicrobial activity and antibiotic susceptibility of *Lactobacillus* and *Bifidobacterium* spp. intended for use as starter and probiotic cultures.

Biotechnology, biotechnological equipment , Volume: 29 Issue: 1 2015 Jan 2

Authors Georgieva R,Yocheva L,Tserovska L,Zhelezova G,Stefanova N,Atanasova A,Danguleva A,Ivanova G,Karapetkov N,Rumyan N,Karaivanova E

Review article: dietary fibre-microbiota interactions.

Alimentary pharmacology & therapeutics , Volume: 42 Issue: 2 2015 Jul

Authors Simpson HL,Campbell BJ

Antimicrobial activity and chemical composition of the essential oils of Portuguese Foeniculum vulgare fruits.

Natural product communications , Volume: 10 Issue: 4 2015 Apr

Authors Mota AS,Martins MR,Arantes S,Lopes VR,Bettencourt E,Pombal S,Gomes AC,Silva LA

Different Dynamic Patterns of β -Lactams, Quinolones, Glycopeptides and Macrolides on Mouse Gut Microbial Diversity.

PloS one , Volume: 10 Issue: 5 2015

Authors Yin J,M P,Wang S,Liao SX,Peng X,He Y,Chen YR,Shen HF,Su J,Chen Y,Jiang YX,Zhang GX,Zhou HW

Bacillus coagulans GBI-30, 6086 Modulates Faecalibacterium prausnitzii in Older Men and Women.

The Journal of nutrition , Volume: 145 Issue: 7 2015 Jul

Authors Nyangale EP,Farmer S,Cash HA,Keller D,Chernoff D,Gibson GR

Antimicrobial agents from selected medicinal plants in Libya.

Chinese journal of integrative medicine , Volume: 22 Issue: 3 2016 Mar

Authors Muhaissen HM,Ab-Mous MM,Ddeeb FA,Rtemi AA,Taba OM,Parveen M

Design of a papain immobilized antimicrobial food package with curcumin as a crosslinker.

PloS one , Volume: 10 Issue: 4 2015

Authors Manohar CM,Prabhawathi V,Sivakumar PM,Doble M

Effects of Probiotics on Gut Microbiota in Patients with Inflammatory Bowel Disease: A Double-blind, Placebo-controlled Clinical Trial.

The Korean journal of gastroenterology = Taehan Sohwagi Hakhoe chi , Volume: 65 Issue: 4 2015 Apr

Authors Shadnough M,Hosseini RS,Khalilnezhad A,Navai L,Goudarzi H,Vaezjalali M

Antifungal and antibacterial metabolites from a French poplar type propolis.

Evidence-based complementary and alternative medicine : eCAM , Volume: 2015 2015

Authors Boisard S,Le Ray AM,Landreau A,Kempf M,Cassisa V,Flurin C,Richomme P

Comparative in vitro fermentations of cranberry and grape seed polyphenols with colonic microbiota.

Food chemistry , Volume: 183 2015 Sep 15

Authors Sánchez-Patán F,Barroso E,van de Wiele T,Jiménez-Girón A,Martín-Alvarez PJ,Moreno-Arribas MV,Martínez-Cuesta MC,Peláez C,Requena T,Bartolomé B

Allicin from garlic inhibits the biofilm formation and urease activity of Proteus mirabilis in vitro.

FEMS microbiology letters , Volume: 362 Issue: 9 2015 May

Authors Ranjbar-Omid M,Arzanlou M,Amani M,Shokri Al-Hashem SK,Amir Mozafari N,Peeri Doghaheh H

Empirical prediction and validation of antibacterial inhibitory effects of various plant essential oils on common pathogenic bacteria.

International journal of food microbiology , Volume: 202 2015 Jun 2

Authors Akdemir Evrendilek G

Increased gut microbiota diversity and abundance of Faecalibacterium prausnitzii and Akkermansia after fasting: a pilot study.

Wiener klinische Wochenschrift , Volume: 127 Issue: 9-10 2015 May

Authors Remely M,Hippe B,Geretschlaeger I,Stegmayer S,Hoefinger I,Haslberger A

Reshaping faecal gut microbiota composition by the intake of trans-resveratrol and quercetin in high-fat sucrose diet-fed rats.

The Journal of nutritional biochemistry , Volume: 26 Issue: 6 2015 Jun

Authors Etxeberria U,Arias N,Boqué N,Macarulla MT,Portillo MP,Martínez JA,Milagro FI

Effect of specific amino acids on hepatic lipid metabolism in fructose-induced non-alcoholic fatty liver disease.

Clinical nutrition (Edinburgh, Scotland) , Volume: 35 Issue: 1 2016 Feb

Authors Jegatheesan P,Beutheu S,Ventura G,Sarfati G,Nubret E,Kapel N,Waligora-Dupriet AJ,Bergheim I,Cynober L,De-Bandt JP

Cocktails of probiotics pre-adapted to multiple stress factors are more robust under simulated gastrointestinal conditions than their parental counterparts and exhibit enhanced antagonistic capabilities against Escherichia coli and Staphylococcus aureus.

Gut pathogens , Volume: 7 2015

Authors Mathipa MG,Thantsha MS

Pilot dietary intervention with heat-stabilized rice bran modulates stool microbiota and metabolites in healthy adults.

Nutrients , Volume: 7 Issue: 2 2015 Feb 16

Authors Sheflin AM,Borresen EC,Wdowik MJ,Rao S,Brown RJ,Heuberger AL,Broeckling CD,Weir TL,Ryan EP

Probiotic potential of lactobacillus strains isolated from sorghum-based traditional fermented food.

Probiotics and antimicrobial proteins , Volume: 7 Issue: 2 2015 Jun

Authors Rao KP,Chennappa G,Suraj U,Nagaraja H,Raj AP,Sreenivasa MY

Collateral damage from oral ciprofloxacin versus nitrofurantoin in outpatients with urinary tract infections: a culture-free analysis of gut microbiota.

Clinical microbiology and infection : the official publication of the European Society of Clinical Microbiology and Infectious Diseases , Volume: 21 Issue: 4 2015 Apr

Authors Stewardson AJ,Gaia N,François P,Malhotra-Kumar S,Delémont C,Martínez de Tejada B,Schrenzel J,Harbarth S,Lazarevic V,SATURN WP1 and WP3 Study Groups.

The impact of oral consumption of Lactobacillus plantarum P-8 on faecal bacteria revealed by pyrosequencing.

Beneficial microbes , Volume: 6 Issue: 4 2015

Authors Kwok LY,Guo Z,Zhang J,Wang L,Qiao J,Hou Q,Zheng Y,Zhang H

Whole-grain wheat consumption reduces inflammation in a randomized controlled trial on overweight and obese subjects with unhealthy dietary and lifestyle behaviors: role of polyphenols bound to cereal dietary fiber.

The American journal of clinical nutrition , Volume: 101 Issue: 2 2015 Feb

Authors Vitaglione P,Mennella I,Ferracane R,Rivellese AA,Giacco R,Ercolini D,Gibbons SM,La Stora A,Gilbert JA,Jonnalagadda S,Thielecke F,Gallo MA,Scalfi L,Fogliano V

Phenotypic and Molecular Characterization of Extended-Spectrum β -Lactamase Produced by Escherichia coli, and Klebsiella pneumoniae Isolates in an Educational Hospital.

Jundishapur journal of microbiology , Volume: 7 Issue: 10 2014 Oct

Authors Gholipour A,Soleimani N,Shokri D,Mobasherizadeh S,Kardi M,Baradaran A

Antimicrobial and antioxidant activities and chemical characterization of essential oils of Thymus vulgaris, Rosmarinus officinalis, and Origanum majorana from northeastern México.

Pakistan journal of pharmaceutical sciences , Volume: 28 Issue: 1 Suppl 2015 Jan

Authors Guerra-Boone L,Alvarez-Román R,Alvarez-Román R,Salazar-Aranda R,Torres-Cirio A,Rivas-Galindo VM,de-Torres NW,González G,Pérez-López LA

Orally disintegrating films containing propolis: properties and release profile.

Journal of pharmaceutical sciences , Volume: 104 Issue: 4 2015 Apr

Authors Borges JG,De Carvalho RA

Bioanalytical evaluation of Cinnamomum zeylanicum essential oil.

Natural product research , Volume: 29 Issue: 19 2015

Authors Saleem M,Bhatti HN,Jilani MI,Hanif MA

Modulation of the intestinal microbiota is associated with lower plasma cholesterol and weight gain in hamsters fed chardonnay grape seed flour.

Journal of agricultural and food chemistry , Volume: 63 Issue: 5 2015 Feb 11

Authors Kim H,Kim DH,Seo KH,Chon JW,Nah SY,Bartley GE,Arvik T,Lipson R,Yokoyama W

Nature of the antimicrobial activity of *Lactobacillus casei*, *Bifidobacterium bifidum* and *Bifidobacterium animalis* against foodborne pathogenic and spoilage microorganisms.

Natural product research , Volume: 29 Issue: 22 2015

Authors de Oliveira CP,da Silva JA,de Siqueira-Júnior JP

Curcumin attenuated acute *Propionibacterium acnes*-induced liver injury through inhibition of HMGB1 expression in mice.

International immunopharmacology , Volume: 24 Issue: 2 2015 Feb

Authors Gu Q,Guan H,Shi Q,Zhang Y,Yang H

[Risk factors and antibiotic use in methicillin-resistant *Staphylococcus aureus* bacteremia in hospitalized patients at Hacettepe University Adult and Oncology Hospitals (2004-2011) and antimicrobial susceptibilities of the isolates: a nested case-control study].

Mikrobiyoloji bulteni , Volume: 48 Issue: 4 2014 Oct

Authors Atmaca O,Zarakolu P,Karahan C,Cakir B,Unal S

In-vitro screening of Malaysian honey from different floral sources for antibacterial activity on human pathogenic bacteria.

African journal of traditional, complementary, and alternative medicines : AJTCAM , Volume: 11 Issue: 2 2014

Authors Ng WJ,Ken KW,Kumar RV,Gunasagaran H,Chandramogan V,Lee YY

Arabinoxylan in wheat is more responsible than cellulose for promoting intestinal barrier function in weaned male piglets.

The Journal of nutrition , Volume: 145 Issue: 1 2015 Jan

Authors Chen H,Wang W,Degroote J,Possemiers S,Chen D,De Smet S,Michiels J

[The antibacterial activity of cinnamon oil on the selected gram-positive and gram-negative bacteria].

Medycyna doswiadczalna i mikrobiologia , Volume: 66 Issue: 2 2014

Authors Urbaniak A,Glowacka A,Kowalczyk E,Lysakowska M,Sienkiewicz M

[Determination of the antimicrobial capacity of green tea (*Camellia sinensis*) against the potentially pathogenic microorganisms *Escherichia coli*, *Salmonella enterica*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Candida albicans* and *Aspergillus niger*].

Archivos latinoamericanos de nutricion , Volume: 63 Issue: 3 2013 Sep

Authors Mora A,Pawa J,Chaverri JM,Arias ML

Modulation of fecal Clostridiales bacteria and butyrate by probiotic intervention with *Lactobacillus paracasei* DG varies among healthy adults.

The Journal of nutrition , Volume: 144 Issue: 11 2014 Nov

Authors Ferrario C,Taverniti V,Milani C,Fiore W,Laureati M,De Noni I,Stuknyte M,Chouaia B,Riso P,Guglielmetti S

Assessment of Bioautography and Spot Screening of TLC of Green Tea (*Camellia*) Plant Extracts as Antibacterial and Antioxidant Agents

Indian Journal of Pharmaceutical Sciences , Volume: 76 Issue: 4 2014 Jul-Aug

Authors Bashir S,Khan BM,Babar M,Andleeb S,Hafeez M,Ali S,Khan MF

Active dry *Saccharomyces cerevisiae* can alleviate the effect of subacute ruminal acidosis in lactating dairy cows.

Journal of dairy science , Volume: 97 Issue: 12 2014 Dec

Authors AlZahal O,Dionissopoulos L,Laarman AH,Walker N,McBride BW

Natural control of bacteria affecting meat quality by a neem (*Azadirachta indica* A. Juss) cake extract.

Natural product research , Volume: 29 Issue: 10 2015

Authors Del Serrone P,Failla S,Nicoletti M

Total Phenolic Content and Antibacterial Activity of Five Plants of Labiatae against Four Foodborne and Some Other Bacteria.

Iranian journal of pharmaceutical research : IJPR , Volume: 13 Issue: 2 2014 Spring

Authors Mahboubi A,Kamalinejad M,Ayatollahi AM,Babaeian M

Effect of prebiotics on the fecal microbiota of elderly volunteers after dietary supplementation of *Bacillus coagulans* GBI-30, 6086.

Anaerobe , Volume: 30 2014 Dec

Authors Nyangale EP,Farmer S,Keller D,Chernoff D,Gibson GR

Physico-chemical analysis and antimicrobial potential of *Apis dorsata*, *Apis mellifera* and *Ziziphus jujube* honey samples from Pakistan.

Asian Pacific journal of tropical biomedicine , Volume: 4 Issue: 8 2014 Aug

Authors Fahim H,Dasti JI,Ali I,Ahmed S,Nadeem M

Synbiotic *Lactobacillus acidophilus* NCFM and cellobiose does not affect human gut bacterial diversity but increases abundance of lactobacilli, bifidobacteria and branched-chain fatty acids: a randomized, double-blinded cross-over trial.

FEMS microbiology ecology , Volume: 90 Issue: 1 2014 Oct

Authors van Zanten GC,Krych L,Röytiö H,Forssten S,Lahtinen SJ,Abu Al-Soud W,Sørensen S,Svensson B,Jespersen L,Jakobsen M

Longitudinal shifts in bacterial diversity and fermentation pattern in the rumen of steers grazing wheat pasture.

Anaerobe , Volume: 30 2014 Dec

Authors Pitta DW,Pinchak WE,Dowd S,Dorton K,Yoon I,Min BR,Fulford JD,Wickersham TA,Malinowski DP

Screening of antibacterial effects of anise essential oil alone and in combination with conventional antibiotics against *Streptococcus pneumoniae* clinical isolates.

Revista medico-chirurgicala a Societatii de Medici si Naturalisti din Iasi , Volume: 118 Issue: 2 2014 Apr-Jun

Authors Gradinaru AC,Miron A,Trifan A,Spac A,Brebu M,Aprotosoae AC

Fermentable non-starch polysaccharides increases the abundance of *Bacteroides-Prevotella-Porphyromonas* in ileal microbial community of growing pigs.

Animal : an international journal of animal bioscience , Volume: 8 Issue: 11 2014 Nov

Authors Ivarsson E,Roos S,Liu HY,Lindberg JE

Changes in the treatment of *Enterococcus faecalis* infective endocarditis in Spain in the last 15 years: from ampicillin plus gentamicin to ampicillin plus ceftriaxone.

Clinical microbiology and infection : the official publication of the European Society of Clinical Microbiology and Infectious Diseases , Volume: 20 Issue: 12 2014 Dec

Authors Pericas JM,Cervera C,del Rio A,Moreno A,Garcia de la Maria C,Almela M,Falces C,Ninot S,Castañeda X,Armero Y,Soy D,Gatell JM,Marco F,Mestres CA,Miro JM,Hospital Clinic Endocarditis Study Group.

Free-radical scavenging activity and antibacterial impact of Greek oregano isolates obtained by SFE.

Food chemistry , Volume: 165 2014 Dec 15

Authors Stamenic M,Vulic J,Djilas S,Misic D,Tadic V,Petrovic S,Zizovic I

Effect of oral consumption of probiotic *Lactobacillus planatarum* P-8 on fecal microbiota, SIgA, SCFAs, and TBAs of adults of different ages.

Nutrition (Burbank, Los Angeles County, Calif.) , Volume: 30 Issue: 7-8 2014 Jul-Aug

Authors Wang L,Zhang J,Guo Z,Kwok L,Ma C,Zhang W,Lv Q,Huang W,Zhang H

The antimicrobial activity of *Azadirachta indica*, *Mimosa elengi*, *Tinospora cardifolia*, *Ocimum sanctum* and 2% chlorhexidine gluconate on common endodontic pathogens: An in vitro study.

European journal of dentistry , Volume: 8 Issue: 2 2014 Apr

Authors Mistry KS,Sanghvi Z,Parmar G,Shah S

Effects of probiotic *Enterococcus faecium* and *Saccharomyces cerevisiae* on the faecal microflora of pet rabbits.

The Journal of small animal practice , Volume: 55 Issue: 9 2014 Sep

Authors Benato L,Hastie P,O`Shaughnessy P,Murray JA,Meredith A

Bacteriologic profile and antibiogram of blood culture isolates from a children`s hospital in Kabul.

Journal of the College of Physicians and Surgeons–Pakistan : JCPSP , Volume: 24 Issue: 6 2014 Jun

Authors Tariq TM

Effects of diet on gut microbiota profile and the implications for health and disease.

Bioscience of microbiota, food and health , Volume: 32 Issue: 1 2013

Authors Lee YK

Effects of natural honey on polymicrobial culture of various human pathogens.

Archives of medical science : AMS , Volume: 10 Issue: 2 2014 May 12

Authors Al-Waili NS,Al-Waili FS,Akmal M,Ali A,Salom KY,Al Ghamdi AA

Effect of methylglyoxal on multidrug-resistant *Pseudomonas aeruginosa*.

Frontiers in microbiology , Volume: 5 2014

Authors Hayashi K,Fukushima A,Hayashi-Nishino M,Nishino K

Efficacy of Papacarie® in reduction of residual bacteria in deciduous teeth: a randomized, controlled clinical trial.

Clinics (Sao Paulo, Brazil) , Volume: 69 Issue: 5 2014

Authors Motta LJ,Bussadori SK,Campanelli AP,Silva AL,Alfaya TA,Godoy CH,Navarro MF

Synergetic antimicrobial effects of mixtures of ethiopian honeys and ginger powder extracts on standard and resistant clinical bacteria isolates.

Evidence-based complementary and alternative medicine : eCAM , Volume: 2014 2014

Authors Ewnetu Y,Lemma W,Birhane N

Lactobacillus plantarum IFPL935 impacts colonic metabolism in a simulator of the human gut microbiota during feeding with red wine polyphenols.

Applied microbiology and biotechnology , Volume: 98 Issue: 15 2014 Aug

Authors Barroso E,Van de Wiele T,Jiménez-Girón A,Muñoz-González I,Martín-Alvarez PJ,Moreno-Arribas MV,Bartolomé B,Peláez C,Martínez-Cuesta MC,Requena T

Impact of diet and individual variation on intestinal microbiota composition and fermentation products in obese men

The ISME Journal , Volume: 8 Issue: 11 2014 Apr 24

Authors Salonen A,Lahti L,Salojärvi J,Holtrop G,Korpela K,Duncan SH,Date P,Farquharson F,Johnstone AM,Lobley GE,Louis

P,Flint HJ,de Vos WM

The metabolizable energy of dietary resistant maltodextrin is variable and alters fecal microbiota composition in adult men.

The Journal of nutrition , Volume: 144 Issue: 7 2014 Jul

Authors Baer DJ,Stote KS,Henderson T,Paul DR,Okuma K,Tagami H,Kanahori S,Gordon DT,Rumpler WW,Ukhanova M,Culpepper T,Wang X,Mai V

A rosemary extract rich in carnosic acid selectively modulates caecum microbiota and inhibits β -glucosidase activity, altering fiber and short chain fatty acids fecal excretion in lean and obese female rats.

PloS one , Volume: 9 Issue: 4 2014

Authors Romo-Vaquero M,Selma MV,Larrosa M,Obiol M,García-Villalba R,González-Barrio R,Issaly N,Flanagan J,Roller M,Tomás-Barberán FA,García-Conesa MT

Effects of resveratrol on gut microbiota and fat storage in a mouse model with high-fat-induced obesity.

Food & function , Volume: 5 Issue: 6 2014 Jun

Authors Qiao Y,Sun J,Xia S,Tang X,Shi Y,Le G

Anti-staphylococcal activity of C-methyl flavanones from propolis of Australian stingless bees (*Tetragonula carbonaria*) and fruit resins of *Corymbia torelliana* (Myrtaceae).

Fitoterapia , Volume: 95 2014 Jun

Authors Massaro CF,Katouli M,Grkovic T,Vu H,Quinn RJ,Heard TA,Carvalho C,Manley-Harris M,Wallace HM,Brooks P

454 pyrosequencing reveals changes in the faecal microbiota of adults consuming *Lactobacillus casei* Zhang.

FEMS microbiology ecology , Volume: 88 Issue: 3 2014 Jun

Authors Zhang J,Wang L,Guo Z,Sun Z,Gesudu Q,Kwok L,Menghebilige,Zhang H

Effects of *Lactobacillus plantarum* on production performance, immune characteristics, antioxidant status, and intestinal microflora of bursin-immunized broilers.

Canadian journal of microbiology , Volume: 60 Issue: 4 2014 Apr

Authors Shen X,Yi D,Ni X,Zeng D,Jing B,Lei M,Bian Z,Zeng Y,Li T,Xin J

In Vitro Antibacterial Mechanism of Action of Crude Garlic (*Allium sativum*) Clove Extract on Selected Probiotic *Bifidobacterium* Species as Revealed by SEM, TEM, and SDS-PAGE Analysis.

Probiotics and antimicrobial proteins , Volume: 6 Issue: 2 2014 Jun

Authors Booyens J,Labuschagne MC,Thantsha MS

A comparison of the anti-Staphylococcus aureus activity of extracts from commonly used medicinal plants.

Journal of alternative and complementary medicine (New York, N.Y.) , Volume: 20 Issue: 5 2014 May

Authors Snowden R,Harrington H,Morrill K,Jeane L,Garrity J,Orian M,Lopez E,Rezaie S,Hassberger K,Familoni D,Moore J,Virdee K,Albornoz-Sanchez L,Walker M,Cavins J,Russell T,Guse E,Reker M,Tschudy O,Wolf J,True T,Ukaegbu O,Ahaghotu E,Jones A,Polanco S,Rochon Y,Waters R,Langland J

Bile acids and the gut microbiome.

Current opinion in gastroenterology , Volume: 30 Issue: 3 2014 May

Authors Ridlon JM,Kang DJ,Hylemon PB,Bajaj JS

Antibacterial effect of Iranian green-tea-containing mouthrinse vs chlorhexidine 0.2%: an in vitro study.

Oral health & preventive dentistry , Volume: 12 Issue: 2 2014

Authors Ardakani MR,Golmohammadi S,Ayremilou S,Taheri S,Daneshvar S,Meimandi M

Evaluation of antibacterial activity of crude protein extracts from seeds of six different medical plants against standard bacterial strains.

Saudi journal of biological sciences , Volume: 21 Issue: 2 2014 Apr

Authors Al Akeel R,Al-Sheikh Y,Mateen A,Syed R,Janardhan K,Gupta VC

Effects of *Clostridium butyricum* on growth performance, immune function, and cecal microflora in broiler chickens challenged with *Escherichia coli* K88.

Poultry science , Volume: 93 Issue: 1 2014 Jan

Authors Zhang L,Cao GT,Zeng XF,Zhou L,Ferket PR,Xiao YP,Chen AG,Yang CM

Multi-drug resistant gram-negative enteric bacteria isolated from flies at Chengdu Airport, China.

The Southeast Asian journal of tropical medicine and public health , Volume: 44 Issue: 6 2013 Nov

Authors Liu Y,Yang Y,Zhao F,Fan X,Zhong W,Qiao D,Cao Y

A quantitative assessment of the antimicrobial activity of garlic (*Allium sativum*).

World journal of microbiology & biotechnology , Volume: 9 Issue: 3 1993 May

Authors Rees LP,Minney SF,Plummer NT,Slater JH,Skyrme DA

Lactobacillus paracasei subsp. *paracasei* LC01 positively modulates intestinal microflora in healthy young adults.

Journal of microbiology (Seoul, Korea) , Volume: 51 Issue: 6 2013 Dec

Authors Zhang H,Sun J,Liu X,Hong C,Zhu Y,Liu A,Li S,Guo H,Ren F

Antibacterial, antifungal and antioxidant activities of honey collected from Timergara (Dir, Pakistan).

Pakistan journal of pharmaceutical sciences , Volume: 27 Issue: 1 2014 Jan

Authors Zahoor M,Naz S,Sangeen M

In vitro activity of tigecycline and comparators against Gram-positive and Gram-negative isolates collected from the Middle East and Africa between 2004 and 2011

International journal of antimicrobial agents , Volume: 43 Issue: 2 2014 Feb

Authors Kanj SS,Whitelaw A,Dowzicky MJ

In vitro fermentation of NUTRIOSE(®) FB06, a wheat dextrin soluble fibre, in a continuous culture human colonic model system.

PloS one , Volume: 8 Issue: 10 2013

Authors Hobden MR,Martin-Morales A,Guérin-Deremaux L,Wils D,Costabile A,Walton GE,Rowland I,Kennedy OB,Gibson GR

Effects of a probiotic, Enterococcus faecium, on growth performance, intestinal morphology, immune response, and cecal microflora in broiler chickens challenged with Escherichia coli K88.

Poultry science , Volume: 92 Issue: 11 2013 Nov

Authors Cao GT,Zeng XF,Chen AG,Zhou L,Zhang L,Xiao YP,Yang CM

Role of probiotics in the prevention and treatment of methicillin-resistant Staphylococcus aureus infections.

International journal of antimicrobial agents , Volume: 42 Issue: 6 2013 Dec

Authors Sikorska H,Smoragiewicz W

Antioxidant, antibacterial and ACE-inhibitory activity of four monofloral honeys in relation to their chemical composition.

Food & function , Volume: 4 Issue: 11 2013 Nov

Authors León-Ruiz V,González-Porto AV,Al-Habsi N,Vera S,San Andrés MP,Jauregi P

Evaluation of bean and soy tempeh influence on intestinal bacteria and estimation of antibacterial properties of bean tempeh.

Polish journal of microbiology , Volume: 62 Issue: 2 2013

Authors Kuligowski M,Jasinska-Kuligowska I,Nowak J

Probiotic features of two oral Lactobacillus isolates.

Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology] , Volume: 43 Issue: 1 2012 Jan

Authors Zavisic G,Petriccovic S,Radulovic Z,Begovic J,Golic N,Topisirovic L,Strahinic I

Effects of inulin and di-D-fructose dianhydride-enriched caramels on intestinal microbiota composition and performance of broiler chickens.

Animal : an international journal of animal bioscience , Volume: 7 Issue: 11 2013 Nov

Authors Peinado MJ,Echávarri A,Ruiz R,Suárez-Pereira E,Ortiz Mellet C,García Fernández JM,Rubio LA

Kiwifruit (Actinidia deliciosa) changes intestinal microbial profile.

Microbial ecology in health and disease , Volume: 23 2012

Authors Lee YK,Low KY,Siah K,Drummond LM,Gwee KA

Functional ginger extracts from supercritical fluid carbon dioxide extraction via in vitro and in vivo assays: antioxidation, antimicroorganism, and mice xenografts models.

TheScientificWorldJournal , Volume: 2013 2013

Authors Lee CC,Chiou LY,Wang JY,Chou SY,Lan JC,Huang TS,Huang KC,Wang HM

Dietary grape seed extract ameliorates symptoms of inflammatory bowel disease in IL10-deficient mice.

Molecular nutrition & food research , Volume: 57 Issue: 12 2013 Dec

Authors Wang H,Xue Y,Zhang H,Huang Y,Yang G,Du M,Zhu MJ

Antimicrobial activity of green tea extract against isolates of methicillin-resistant Staphylococcus aureus and multi-drug resistant Pseudomonas aeruginosa.

Asian Pacific journal of tropical biomedicine , Volume: 3 Issue: 8 2013 Aug

Authors Radji M,Agustama RA,Elya B,Tjampakasari CR

Antimicrobial Resistance Pattern in Enterococcus faecalis Strains Isolated From Expressed Prostatic Secretions of Patients With Chronic Bacterial Prostatitis.

Korean journal of urology , Volume: 54 Issue: 7 2013 Jul

Authors Seo Y,Lee G

Green tea extract as a local drug therapy on periodontitis patients with diabetes mellitus: A randomized case-control study.

Journal of Indian Society of Periodontology , Volume: 17 Issue: 2 2013 Mar

Authors Gadagi JS,Chava VK,Reddy VR

Lowbush wild blueberries have the potential to modify gut microbiota and xenobiotic metabolism in the rat colon.

PloS one , Volume: 8 Issue: 6 2013

Authors Lacombe A,Li RW,Klimis-Zacas D,Kristo AS,Tadepalli S,Krauss E,Young R,Wu VC

Spectrum and antimicrobial resistance of common pathogenic bacteria isolated from patients with acute exacerbation of chronic obstructive pulmonary disease in mainland of China.

Chinese medical journal , Volume: 126 Issue: 12 2013 Jun

Authors Ye F,He LX,Cai BQ,Wen FQ,Chen BY,Hadiarto M,Chen RC,Yuan JP,Sun HL

Influence of propolis on hygiene, gingival condition, and oral microflora in patients with cleft lip and palate treated with fixed orthodontic appliances.

Evidence-based complementary and alternative medicine : eCAM , Volume: 2013 2013

Authors Machorowska-Pieniazek A,Morawiec T,Mertas A,Tanasiewicz M,Dziedzic A,Król W

Antibacterial activity of selected Malaysian honey.

BMC complementary and alternative medicine , Volume: 13 2013 Jun 10

Authors Zainol MI,Mohd Yusoff K,Mohd Yusof MY

In vitro evaluation of Portuguese propolis and floral sources for antiprotozoal, antibacterial and antifungal activity.

Phytotherapy research : PTR , Volume: 28 Issue: 3 2014 Mar

Authors Falcão SI,Vale N,Cos P,Gomes P,Freire C,Maes L,Vilas-Boas M

An in vitro evaluation of the antimicrobial efficacy of Curcuma longa, Tachyspermum ammi, chlorhexidine gluconate, and calcium hydroxide on Enterococcus faecalis.

Journal of conservative dentistry : JCD , Volume: 16 Issue: 2 2013 Mar

Authors Kumar H

Phytochemical Screening and Antimicrobial Activity of Some Medicinal Plants Against Multi-drug Resistant Bacteria from Clinical Isolates.

Indian journal of pharmaceutical sciences , Volume: 74 Issue: 5 2012 Sep

Authors Dahiya P,Purkayastha S

Effects of vanillin, quillaja saponin, and essential oils on in vitro fermentation and protein-degrading microorganisms of the rumen.

Applied microbiology and biotechnology , Volume: 98 Issue: 2 2014 Jan

Authors Patra AK,Yu Z

Green tea epigallocatechin-3-gallate attenuates Porphyromonas gingivalis-induced atherosclerosis.

Pathogens and disease , Volume: 67 Issue: 1 2013 Feb

Authors Cai Y,Kurita-Ochiai T,Hashizume T,Yamamoto M

Fiber and prebiotics: mechanisms and health benefits.

Nutrients , Volume: 5 Issue: 4 2013 Apr 22

Authors Slavin J

Impact of Bifidobacterium bifidum MIMBb75 on mouse intestinal microorganisms.

FEMS microbiology ecology , Volume: 85 Issue: 2 2013 Aug

Authors Singh N,Arioli S,Wang A,Villa CR,Jahani R,Song YS,Mora D,Guglielmetti S,Comelli EM

Rosmarinus officinalis extract suppresses Propionibacterium acnes-induced inflammatory responses.

Journal of medicinal food , Volume: 16 Issue: 4 2013 Apr

Authors Tsai TH,Chuang LT,Lien TJ,Liing YR,Chen WY,Tsai PJ

Antibacterial activity and mode of action of ferulic and gallic acids against pathogenic bacteria.

Microbial drug resistance (Larchmont, N.Y.) , Volume: 19 Issue: 4 2013 Aug

Authors Borges A,Ferreira C,Saavedra MJ,Simões M

Eugenol alters the integrity of cell membrane and acts against the nosocomial pathogen Proteus mirabilis.

Archives of pharmacal research , Volume: 36 Issue: 3 2013 Mar

Authors Devi KP,Sakthivel R,Nisha SA,Suganthi N,Pandian SK

Antibacterial and antimycotic activities of Slovenian honeys.

British journal of biomedical science , Volume: 69 Issue: 4 2012

Authors Kuncic MK,Jaklic D,Lapanje A,Gunde-Cimerman N

In vitro antimicrobial assessment of Cuban propolis extracts.

Memorias do Instituto Oswaldo Cruz , Volume: 107 Issue: 8 2012 Dec

Authors Monzote L,Cuesta-Rubio O,Campo Fernandez M,Márquez Hernandez I,Fraga J,Pérez K,Kerstens M,Maes L,Cos P

The inhibitory effect of polyphenols on human gut microbiota.

Journal of physiology and pharmacology : an official journal of the Polish Physiological Society , Volume: 63 Issue: 5 2012 Oct

Authors Duda-Chodak A

Synergistic effects of honey and propolis toward drug multi-resistant Staphylococcus aureus, Escherichia coli and Candida albicans isolates in single and polymicrobial cultures.

International journal of medical sciences , Volume: 9 Issue: 9 2012

Authors Al-Waili N,Al-Ghamdi A,Ansari MJ,Al-Attal Y,Salom K

Antibacterial activity of Greek and Cypriot honeys against Staphylococcus aureus and Pseudomonas aeruginosa in comparison to manuka honey.

Journal of medicinal food , Volume: 16 Issue: 1 2013 Jan

Authors Anthimidou E,Mossialos D

In vitro antimicrobial activities of cinnamon bark oil, anethole, carvacrol, eugenol and guaiazulene against *Mycoplasma hominis* clinical isolates.

Biomedical papers of the Medical Faculty of the University Palacky, Olomouc, Czechoslovakia , Volume: 158 Issue: 2 2014 Jun

Authors Sleha R,Mosio P,Vydrzalova M,Jantovska A,Bostikova V,Mazurova J

Antibacterial activity of various honey types of Algeria against *Staphylococcus aureus* and *Streptococcus pyogenes*.

Asian Pacific journal of tropical medicine , Volume: 5 Issue: 10 2012 Oct

Authors Moussa A,Nouredine D,Mohamed HS,Abdelmelek M,Saad A

Chemical composition, olfactory analysis and antibacterial activity of *Thymus vulgaris* chemotypes geraniol, 4-thujanol/terpinen-4-ol, thymol and linalool cultivated in southern France.

Natural product communications , Volume: 7 Issue: 8 2012 Aug

Authors Schmidt E,Wanner J,Hiiferl M,Jirovetz L,Buchbauer G,Gochev V,Girova T,Stoyanova A,Geissler M

The comparison of fluoroquinolones to nonfluoroquinolone antibacterial agents for the prevention of endophthalmitis in a rabbit model.

Journal of ocular pharmacology and therapeutics : the official journal of the Association for Ocular Pharmacology and Therapeutics , Volume: 28 Issue: 6 2012 Dec

Authors Kowalski RP,Romanowski EG,Shanks RM,Mah FS

Effects of green tea consumption on human fecal microbiota with special reference to *Bifidobacterium* species.

Microbiology and immunology , Volume: 56 Issue: 11 2012 Nov

Authors Jin JS,Touyama M,Hisada T,Benno Y

Fermented milk supplemented with probiotics and prebiotics can effectively alter the intestinal microbiota and immunity of host animals.

Journal of dairy science , Volume: 95 Issue: 9 2012 Sep

Authors Wang S,Zhu H,Lu C,Kang Z,Luo Y,Feng L,Lu X

The inhibitory activity of typified propolis against *Enterococcus* species.

Zeitschrift fur Naturforschung. C, Journal of biosciences , Volume: 67 Issue: 5-6 2012 May-Jun

Authors Moncla BJ,Guevara PW,Wallace JA,Marcucci MC,Nor JE,Bretz WA

Structural changes of gut microbiota during berberine-mediated prevention of obesity and insulin resistance in high-fat diet-fed rats.

PloS one , Volume: 7 Issue: 8 2012

Authors Zhang X,Zhao Y,Zhang M,Pang X,Xu J,Kang C,Li M,Zhang C,Zhang Z,Zhang Y,Li X,Ning G,Zhao L

Two novel bioactive glucosinolates from Broccoli (*Brassica oleracea* L. var. italica) florets.

Bioorganic & medicinal chemistry letters , Volume: 22 Issue: 17 2012 Sep 1

Authors Suray NS,Kumar B,Jang M,Yoon DY,Jung YS,Yang DC,Park SW

Low iron availability in continuous in vitro colonic fermentations induces strong dysbiosis of the child gut microbial consortium and a decrease in main metabolites.

FEMS microbiology ecology , Volume: 83 Issue: 1 2013 Jan

Authors Dostal A,Fehlbaum S,Chassard C,Zimmermann MB,Lacroix C

Efficacy of berberine, an antimicrobial plant alkaloid, as an endodontic irrigant against a mixed-culture biofilm in an in vitro tooth model.

Journal of endodontics , Volume: 38 Issue: 8 2012 Aug

Authors Xie Q,Johnson BR,Wenckus CS,Fayad MI,Wu CD

Green tea increases the survival yield of *Bifidobacteria* in simulated gastrointestinal environment and during refrigerated conditions.

Chemistry Central journal , Volume: 6 Issue: 1 2012 Jun 22

Authors Vodnar DC,Socaciu C

Does the piperacillin minimum inhibitory concentration for *Pseudomonas aeruginosa* influence clinical outcomes of children with pseudomonal bacteremia?

Clinical infectious diseases : an official publication of the Infectious Diseases Society of America , Volume: 55 Issue: 6 2012 Sep

Authors Tamma PD,Turnbull AE,Milstone AM,Hsu AJ,Carroll KC,Cosgrove SE

Synthesis and evaluation of antimicrobial activity of 4H-pyrimido[2,1-b]benzothiazole, pyrazole and benzylidene derivatives of curcumin.

European journal of medicinal chemistry , Volume: 54 2012 Aug

Authors Sahu PK,Sahu PK,Gupta SK,Thavaselvam D,Agarwal DD

Antagonistic Action of *Lactobacilli* and *Bifidobacteria* in Relation to *Staphylococcus aureus* and Their Influence on the Immune Response in Cases of Intravaginal Staphylococcosis in Mice.

Probiotics and antimicrobial proteins , Volume: 4 Issue: 2 2012 Jun

Authors Lazarenko L,Babenco L,Sichel LS,Pidgorskyi V,Mokrozub V,Voronkova O,Spivak M

Haridra (curcuma longa) and its effect on abhisayanda (conjunctivitis).

Ancient science of life , Volume: 8 Issue: 3-4 1989 Jan

Authors Srinivas C,Prabhakaran KV

Antimicrobial Potency of the Leaf - Stalk Extract of Curcuma longa (LINN).

Ancient science of life , Volume: 20 Issue: 1-2 2000 Jul

Authors Mazumder R,Mendiratta T,Mondal SC,Mazumder A

Influence of red wine polyphenols and ethanol on the gut microbiota ecology and biochemical biomarkers.

The American journal of clinical nutrition , Volume: 95 Issue: 6 2012 Jun

Authors Queipo-Ortuño MI,Boto-Ordóñez M,Murri M,Gomez-Zumaquero JM,Clemente-Postigo M,Estruch R,Cardona Diaz F,Andrés-Lacueva C,Tinahones FJ

Early administration of probiotic Lactobacillus acidophilus and/or prebiotic inulin attenuates pathogen-mediated intestinal inflammation and Smad 7 cell signaling.

FEMS immunology and medical microbiology , Volume: 65 Issue: 3 2012 Aug

Authors Foye OT,Huang IF,Chiou CC,Walker WA,Shi HN

Effect of garlic powder on the growth of commensal bacteria from the gastrointestinal tract.

Phytomedicine : international journal of phytotherapy and phytopharmacology , Volume: 19 Issue: 8-9 2012 Jun 15

Authors Filocamo A,Nueno-Palop C,Bisignano C,Mandalari G,Narbad A

Novel anti-acne actions of nadifloxacin and clindamycin that inhibit the production of sebum, prostaglandin E(2) and promatrix metalloproteinase-2 in hamster sebocytes.

The Journal of dermatology , Volume: 39 Issue: 9 2012 Sep

Authors Sato T,Shirane T,Noguchi N,Sasatsu M,Ito A

Changes in gut microbiota in children with atopic dermatitis administered the bacteria Lactobacillus casei DN-114001.

Polish journal of microbiology , Volume: 60 Issue: 4 2011

Authors Klewicka E,Cukrowska B,Libudzisz Z,Slizewska K,Motyl I

Modulation of biofilm of strains isolated from patients with chronic obstructive pulmonary disease by levofloxacin, moxifloxacin, ciprofloxacin, amoxicillin/clavulanic acid and ceftriaxone.

International journal of immunopathology and pharmacology , Volume: 24 Issue: 4 2011 Oct-Dec

Authors Drago L,Mattina R,Legnani D,Romano CL,Vianello E,Ricci C,De Vecchi E

Grape antioxidant dietary fiber stimulates Lactobacillus growth in rat cecum.

Journal of food science , Volume: 77 Issue: 2 2012 Feb

Authors Pozuelo MJ,Agís-Torres A,Hervet-Hernández D,Elvira López-Oliva M,Muñoz-Martínez E,Rotger R,Goñi I

Antioxidant and antibacterial properties of green, black, and herbal teas of Camellia sinensis.

Pharmacognosy research , Volume: 3 Issue: 4 2011 Oct

Authors Chan EW,Soh EY,Tie PP,Law YP

The antimicrobial activity of essential oils and extracts of some medicinal plants grown in Ash-shoubak region - South of Jordan.

Pakistan journal of pharmaceutical sciences , Volume: 25 Issue: 1 2012 Jan

Authors Abu-Darwish MS,Al-Ramamneh EA,Kyslychenko VS,Karpiuk UV

Six-week consumption of a wild blueberry powder drink increases bifidobacteria in the human gut.

Journal of agricultural and food chemistry , Volume: 59 Issue: 24 2011 Dec 28

Authors Vendrame S,Guglielmetti S,Riso P,Arioli S,Klimis-Zacas D,Porrini M

Synergistic antimicrobial activities of natural essential oils with chitosan films.

Journal of agricultural and food chemistry , Volume: 59 Issue: 23 2011 Dec 14

Authors Wang L,Liu F,Jiang Y,Chai Z,Li P,Cheng Y,Jing H,Leng X

The effect of probiotics on faecal microbiota and genotoxic activity of faecal water in patients with atopic dermatitis: a randomized, placebo-controlled study.

Clinical nutrition (Edinburgh, Scotland) , Volume: 31 Issue: 1 2012 Feb

Authors Roessler A,Forssten SD,Glei M,Ouwehand AC,Jahreis G

In-vitro antimicrobial activity and synergistic/antagonistic effect of interactions between antibiotics and some spice essential oils.

Journal of environmental biology , Volume: 32 Issue: 1 2011 Jan

Authors Toroglu S

Wheat- and barley-based diets with or without additives influence broiler chicken performance, nutrient digestibility and intestinal microflora.

Journal of the science of food and agriculture , Volume: 92 Issue: 1 2012 Jan 15

Authors Rodríguez ML,Rebolé A,Velasco S,Ortiz LT,Treviño J,Alzueta C

Prebiotic effects of wheat arabinoxylan related to the increase in bifidobacteria, Roseburia and Bacteroides/Prevotella in diet-induced obese mice.

PloS one , Volume: 6 Issue: 6 2011

Authors Neyrinck AM,Possemiers S,Druart C, Van de Wiele T,De Backer F,Cani PD,Larondelle Y,Delzenne NM

The antimicrobial resistance pattern of cultured human methanogens reflects the unique phylogenetic position of archaea.

The Journal of antimicrobial chemotherapy , Volume: 66 Issue: 9 2011 Sep

Authors Dridi B,Fardeau ML,Ollivier B,Raoult D,Drancourt M

Antimicrobial activity of Northwestern Mexican plants against Helicobacter pylori.

Journal of medicinal food , Volume: 14 Issue: 10 2011 Oct

Authors Robles-Zepeda RE, Velázquez-Contreras CA, Garibay-Escobar A, Gálvez-Ruiz JC, Ruiz-Bustos E

Effect of banana consumption on faecal microbiota: a randomised, controlled trial.

Anaerobe , Volume: 17 Issue: 6 2011 Dec

Authors Mitsou EK,Kougia E,Nomikos T,Yannakoulia M,Mountzouris KC,Kyriacou A

Sitafloxacin: in bacterial infections.

Drugs , Volume: 71 Issue: 6 2011 Apr 16

Authors Keating GM

Antibacterial activity in spices and local medicinal plants against clinical isolates of Karachi, Pakistan.

Pharmaceutical biology , Volume: 49 Issue: 8 2011 Aug

Authors Ali NH,Faizi S,Kazmi SU

Cytotoxicity, antiviral and antimicrobial activities of alkaloids, flavonoids, and phenolic acids.

Pharmaceutical biology , Volume: 49 Issue: 4 2011 Apr

Authors Özçelik B,Kartal M,Orhan I

Effects of dietary polyphenol-rich grape products on intestinal microflora and gut morphology in broiler chicks.

Poultry science , Volume: 90 Issue: 3 2011 Mar

Authors Viveros A,Chamorro S,Pizarro M,Arija I,Centeno C,Brenes A

Goldenseal (Hydrastis canadensis L.) extracts synergistically enhance the antibacterial activity of berberine via efflux pump inhibition.

Planta medica , Volume: 77 Issue: 8 2011 May

Authors Ettefagh KA,Burns JT,Junio HA,Kaatz GW,Cech NB

Antibacterial effects of the essential oils of commonly consumed medicinal herbs using an in vitro model.

Molecules (Basel, Switzerland) , Volume: 15 Issue: 11 2010 Oct 27

Authors Sokovic M,Glamoclija J,Marin PD,Brkic D,van Griensven LJ

The effects of iron fortification on the gut microbiota in African children: a randomized controlled trial in Cote d'Ivoire.

The American journal of clinical nutrition , Volume: 92 Issue: 6 2010 Dec

Authors Zimmermann MB,Chassard C,Rohner F,N'goran EK,Nindjin C,Dostal A,Utzinger J,Ghattas H,Lacroix C,Hurrell RF

[Functional biostructure of colonic microbiota (central fermenting area, germinal stock area and separating mucus layer) in healthy subjects and patients with diarrhea treated with Saccharomyces boulardii].

Gastroenterologie clinique et biologique , Volume: 34 Suppl 1 2010 Sep

Authors Swidsinski A,Loening-Baucke V,Kirsch S,Doerffel Y

A new macrocyclic antibiotic, fidaxomicin (OPT-80), causes less alteration to the bowel microbiota of Clostridium difficile-infected patients than does vancomycin.

Microbiology (Reading, England) , Volume: 156 Issue: Pt 11 2010 Nov

Authors Tannock GW,Munro K,Taylor C,Lawley B,Young W,Byrne B,Emery J,Louie T

Oral administration of Clostridium butyricum for modulating gastrointestinal microflora in mice.

Current microbiology , Volume: 62 Issue: 2 2011 Feb

Authors Kong Q,He GQ,Jia JL,Zhu QL,Ruan H

Biodegradable gelatin-chitosan films incorporated with essential oils as antimicrobial agents for fish preservation.

Food microbiology , Volume: 27 Issue: 7 2010 Oct

Authors Gómez-Estaca J,López de Lacey A,López-Caballero ME,Gómez-Guillén MC,Montero P

Dominant and diet-responsive groups of bacteria within the human colonic microbiota.

The ISME journal , Volume: 5 Issue: 2 2011 Feb

Authors Walker AW,Ince J,Duncan SH,Webster LM,Holtrop G,Ze X,Brown D,Stares MD,Scott P,Bergerat A,Louis P,McIntosh F,Johnstone AM,Lobley GE,Parkhill J,Flint HJ

Dietary cellulose, fructooligosaccharides, and pectin modify fecal protein catabolites and microbial populations in adult cats.

Journal of animal science , Volume: 88 Issue: 9 2010 Sep

Authors Barry KA,Wojcicki BJ,Middelbos IS,Vester BM,Swanson KS,Fahey GC Jr

The influence of pomegranate by-product and punicalagins on selected groups of human intestinal microbiota.

International journal of food microbiology , Volume: 140 Issue: 2-3 2010 Jun 15

Authors Bialonska D,Ramnani P,Kasimsetty SG,Muntha KR,Gibson GR,Ferreira D

[Low levels of faecal lactobacilli in women with iron-deficiency anaemia in south India.](#)

The British journal of nutrition , Volume: 104 Issue: 7 2010 Oct

Authors Balamurugan R,Mary RR,Chittaranjan S,Jancy H,Shobana Devi R,Ramakrishna BS

[Nonstarch polysaccharides modulate bacterial microbiota, pathways for butyrate production, and abundance of pathogenic Escherichia coli in the pig gastrointestinal tract.](#)

Applied and environmental microbiology , Volume: 76 Issue: 11 2010 Jun

Authors Metzler-Zebeli BU,Hooda S,Pieper R,Zijlstra RT,van Kessel AG,Mosenthin R,Gänzle MG

[Feed supplementation of Lactobacillus plantarum PCA 236 modulates gut microbiota and milk fatty acid composition in dairy goats—a preliminary study.](#)

International journal of food microbiology , Volume: 141 Suppl 1 2010 Jul 31

Authors Maragkoudakis PA,Mountzouris KC,Rosu C,Zoumpopoulou G,Papadimitriou K,Dalaka E,Hadjipetrou A,Theofanous G,Strozzi GP,Carlini N,Zervas G,Tsakalidou E

[Short-term antibiotic treatment has differing long-term impacts on the human throat and gut microbiome.](#)

PloS one , Volume: 5 Issue: 3 2010 Mar 24

Authors Jakobsson HE,Jernberg C,Andersson AF,Sjölund-Karlsson M,Jansson JK,Engstrand L

[Effect of apple intake on fecal microbiota and metabolites in humans.](#)

Anaerobe , Volume: 16 Issue: 5 2010 Oct

Authors Shinohara K,Ohashi Y,Kawasumi K,Terada A,Fujisawa T

[In vitro antimicrobial activity and chemical composition of the essential oil of Foeniculum vulgare Mill.](#)

Revista medico-chirurgicala a Societatii de Medici si Naturalisti din Iasi , Volume: 112 Issue: 3 2008 Jul-Sep

Authors Aprotosoae AC,Hancianu M,Poata A,Tuchilus C,Spac A,Cioana O,Gille E,Stanescu U

[Antimicrobial properties of green tea catechins.](#)

Food science and technology bulletin , Volume: 2 2005

Authors Taylor PW,Hamilton-Miller JM,Stapleton PD

[Ceftazidime, a pseudomonas-active cephalosporin: in-vitro antimicrobial activity evaluation including recommendations for disc diffusion susceptibility tests.](#)

The Journal of antimicrobial chemotherapy , Volume: 8 Suppl B 1981 Sep

Authors Jones RN,Barry AL,Thornsberry C,Gerlach EH,Fuchs PC,Gavan TL,Sommers HM

[Comparisons of subgingival microbial profiles of refractory periodontitis, severe periodontitis, and periodontal health using the human oral microbe identification microarray.](#)

Journal of periodontology , Volume: 80 Issue: 9 2009 Sep

Authors Colombo AP,Boches SK,Cotton SL,Goodson JM,Kent R,Haffajee AD,Socransky SS,Hasturk H,Van Dyke TE,Dewhirst F,Paster BJ

[Characterization and antimicrobial spectrum of bacteriocins produced by lactic acid bacteria isolated from traditional Bulgarian dairy products.](#)

Journal of applied microbiology , Volume: 106 Issue: 2 2009 Feb

Authors Simova ED,Beshkova DB,Dimitrov ZhP

[Antibacterial activity of the broad bean extracts on resistant bacteria.](#)

Pakistan journal of biological sciences : PJBS , Volume: 10 Issue: 3 2007 Feb 1

Authors Peyvast G,Khorsandi Z

[Antioxidant, antihypertensive, and antibacterial properties of endophytic Pestalotiopsis species from medicinal plants.](#)

Canadian journal of microbiology , Volume: 54 Issue: 9 2008 Sep

Authors Tejesvi MV,Kini KR,Prakash HS,Subbiah V,Shetty HS

[Antibiotic-induced perturbations of the intestinal microbiota alter host susceptibility to enteric infection.](#)

Infection and immunity , Volume: 76 Issue: 10 2008 Oct

Authors Sekirov I,Tam NM,Jogova M,Robertson ML,Li Y,Lupp C,Finlay BB

[Effect of thymol on microbial diversity in the porcine jejunum.](#)

International journal of food microbiology , Volume: 126 Issue: 1-2 2008 Aug 15

Authors Janczyk P,Trevisi P,Souffrant WB,Bosi P

[Quercetin in a lotus leaves extract may be responsible for antibacterial activity.](#)

Archives of pharmacal research , Volume: 31 Issue: 5 2008 May

Authors Li M,Xu Z

[The antimicrobial efficacy of plant essential oil combinations and interactions with food ingredients.](#)

International journal of food microbiology , Volume: 124 Issue: 1 2008 May 10

Authors Gutierrez J,Barry-Ryan C,Bourke P

[Synergistic antibacterial activity between Thymus vulgaris and Pimpinella anisum essential oils and methanol extracts.](#)

Journal of ethnopharmacology , Volume: 116 Issue: 3 2008 Mar 28

Authors Al-Bayati FA

[Surveillance of antimicrobial resistance among nosocomial gram-negative pathogens from 15 teaching hospitals in China in 2005].

Zhonghua yi xue za zhi , Volume: 87 Issue: 39 2007 Oct 23

Authors Yang QW,Xu YC,Chen MJ,Hu YJ,Ni YX,Sun JY,Yu YS,Kong HS,He L,Wu WY,Ye HF,Yang YM,Zhu LN,Guo SH,ji P,Zhu ZH,Ren JK,Zhang LX,Sun ZY,Zhu XH,Tong MQ,Zhao WS,Mei YN,Liu Y,Zhang ZI,Duan Q,Li D,Liu PP,Wang J,Han LX,Wang H,Xie XL

Antibacterial activity of guava (Psidium guajava L.) and Neem (Azadirachta indica A. Juss.) extracts against foodborne pathogens and spoilage bacteria.

Foodborne pathogens and disease , Volume: 4 Issue: 4 2007 Winter

Authors Mahfuzul Hoque MD,Bari ML,Inatsu Y,Juneja VK,Kawamoto S

Inhibitory activity of garlic (Allium sativum) extract on multidrug-resistant Streptococcus mutans.

Journal of the Indian Society of Pedodontics and Preventive Dentistry , Volume: 25 Issue: 4 2007 Oct-Dec

Authors Fani MM,Kohanteb J,Dayaghi M

Inhibitory effect of Gram-negative and Gram-positive microorganisms against Helicobacter pylori clinical isolates.

The Journal of antimicrobial chemotherapy , Volume: 61 Issue: 1 2008 Jan

Authors López-Brea M,Alarcón T,Domingo D,Díaz-Regañón J

Antibacterial effect of five Zingiberaceae essential oils.

Molecules (Basel, Switzerland) , Volume: 12 Issue: 8 2007 Aug 23

Authors Norajit K,Laohakunjit N,Kerdchoechuen O

Investigation of antibacterial activity of rosemary essential oil against Propionibacterium acnes with atomic force microscopy.

Planta medica , Volume: 73 Issue: 12 2007 Oct

Authors Fu Y,Zu Y,Chen L,Efferth T,Liang H,Liu Z,Liu W

Modifying effects of fermented brown rice on fecal microbiota in rats.

Anaerobe , Volume: 13 Issue: 5-6 2007 Oct-Dec

Authors Kataoka K,Kibe R,Kuwahara T,Hagiwara M,Arimochi H,Iwasaki T,Benno Y,Ohnishi Y

Whole-grain wheat breakfast cereal has a prebiotic effect on the human gut microbiota: a double-blind, placebo-controlled, crossover study.

The British journal of nutrition , Volume: 99 Issue: 1 2008 Jan

Authors Costabile A,Klinder A,Fava F,Napolitano A,Fogliano V,Leonard C,Gibson GR,Tuohy KM

Chemical composition and biological activity of a new type of Brazilian propolis: red propolis.

Journal of ethnopharmacology , Volume: 113 Issue: 2 2007 Sep 5

Authors Alencar SM,Oldoni TL,Castro ML,Cabral IS,Costa-Neto CM,Cury JA,Rosalen PL,Ikegaki M

Antimicrobial activity against gram negative bacilli from Yaounde Central Hospital, Cameroon.

African health sciences , Volume: 6 Issue: 4 2006 Dec

Authors Gangoue-Pieboji J,Koulla-Shiro S,Ngassam P,Adiogo D,Ndumbe P

Vapor-phase activities of cinnamon, thyme, and oregano essential oils and key constituents against foodborne microorganisms.

Journal of agricultural and food chemistry , Volume: 55 Issue: 11 2007 May 30

Authors López P,Sánchez C,Batlle R,Nerín C

Impact of consumption of different levels of Bifidobacterium lactis HN019 on the intestinal microflora of elderly human subjects.

The journal of nutrition, health & aging , Volume: 11 Issue: 1 2007 Jan-Feb

Authors Ahmed M,Prasad J,Gill H,Stevenson L,Gopal P

Physiological effects of extraction juices from apple, grape, and red beet pomaces in rats.

Journal of agricultural and food chemistry , Volume: 54 Issue: 26 2006 Dec 27

Authors Sembries S,Dongowski G,Mehrländer K,Will F,Dietrich H

Effects of Bifidobacterium lactis Bb12 supplementation on intestinal microbiota of preterm infants: a double-blind, placebo-controlled, randomized study.

Journal of clinical microbiology , Volume: 44 Issue: 11 2006 Nov

Authors Mohan R,Koebnick C,Schildt J,Schmidt S,Mueller M,Possner M,Radke M,Blaut M

In vitro activity of Bulgarian propolis against 94 clinical isolates of anaerobic bacteria.

Anaerobe , Volume: 12 Issue: 4 2006 Aug

Authors Boyanova L,Kolarov R,Gergova G,Mitov I

Susceptibility of Prevotella intermedia/Prevotella nigrescens (and Porphyromonas gingivalis) to propolis (bee glue) and other antimicrobial agents.

Anaerobe , Volume: 8 Issue: 1 2002 Feb

Authors Santos FA,Bastos EM,Rodrigues PH,de Uzeda M,de Carvalho MA,Farias Lde M,Moreira ES

Bioassay-guided purification and identification of antimicrobial components in Chinese green tea extract.

Journal of chromatography. A , Volume: 1125 Issue: 2 2006 Sep 1

Authors Si W,Gong J,Tsao R,Kalab M,Yang R,Yin Y

Bacteremia in children at a regional hospital in Trinidad.

International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases , Volume: 11 Issue: 2 2007 Mar

Authors Orrett FA,Changoor E

Antagonistic activity of probiotic lactobacilli and bifidobacteria against entero- and uropathogens.

Journal of applied microbiology , Volume: 100 Issue: 6 2006 Jun

Authors Hütt P,Shchepetova J,Löivukene K,Kullisaar T,Mikelsaar M

Antimicrobial and antiplasmid activities of essential oils.

Fitoterapia , Volume: 77 Issue: 4 2006 Jun

Authors Schelz Z,Molnar J,Hohmann J

Rheumatoid arthritis is an autoimmune disease triggered by Proteus urinary tract infection.

Clinical & developmental immunology , Volume: 13 Issue: 1 2006 Mar

Authors Ebringer A,Rashid T

Multifactorial aspects of antimicrobial activity of propolis.

Microbiological research , Volume: 161 Issue: 4 2006

Authors Scazzocchio F,D'Auria FD,Alessandrini D,Pantarella F

The protective role of topical propolis on experimental keratitis via nitric oxide levels in rabbits.

Molecular and cellular biochemistry , Volume: 281 Issue: 1-2 2006 Jan

Authors Duran N,Koc A,Oksuz H,Tamer C,Akaydin Y,Kozlu T,Celik M

Red wine polyphenols influence carcinogenesis, intestinal microflora, oxidative damage and gene expression profiles of colonic mucosa in F344 rats.

Mutation research , Volume: 591 Issue: 1-2 2005 Dec 11

Authors Dolara P,Luceri C,De Filippo C,Femia AP,Giovannelli L,Caderni G,Cecchini C,Silvi S,Orpianesi C,Cresci A

Intestinal microbiota of patients with bacterial infection of the respiratory tract treated with amoxicillin.

The Brazilian journal of infectious diseases : an official publication of the Brazilian Society of Infectious Diseases , Volume: 9 Issue: 4 2005 Aug

Authors Monreal MT,Pereira PC,de Magalhães Lopes CA

Propolis: anti-Staphylococcus aureus activity and synergism with antimicrobial drugs.

Memorias do Instituto Oswaldo Cruz , Volume: 100 Issue: 5 2005 Aug

Authors Fernandes Júnior A,Balestrin EC,Betoni JE,Orsi Rde O,da Cunha Mde L,Montelli AC

Effect of propolis in the treatment of experimental Staphylococcus aureus keratitis in rabbits.

Ophthalmic research , Volume: 37 Issue: 6 2005 Nov-Dec

Authors Oksuz H,Duran N,Tamer C,Cetin M,Silici S

Antibacterial activity of propolis against Staphylococcus aureus.

International journal of food microbiology , Volume: 102 Issue: 2 2005 Jul 15

Authors Lu LC,Chen YW,Chou CC

Chemical compositions and antimicrobial activities of four different Anatolian propolis samples.

Microbiological research , Volume: 160 Issue: 2 2005

Authors Uzel A,Sorkun K,Onçag O,Cogulu D,Gençay O,Salih B

Chemical composition and antibacterial activity of propolis collected by three different races of honeybees in the same region.

Journal of ethnopharmacology , Volume: 99 Issue: 1 2005 May 13

Authors Silici S,Kutluca S

Mixture of honey, beeswax and olive oil inhibits growth of Staphylococcus aureus and Candida albicans.

Archives of medical research , Volume: 36 Issue: 1 2005 Jan-Feb

Authors Al-Waili NS

[Antimicrobial properties of bee preparations in ointment form].

Mikrobiolohichnyi zhurnal (Kiev, Ukraine : 1993) , Volume: 66 Issue: 6 2004 Nov-Dec

Authors Postoienko VO,Senchuhova NA,Postoienko OM,Patyka VP

Antibiotic susceptibility profiles of new probiotic Lactobacillus and Bifidobacterium strains.

International journal of food microbiology , Volume: 98 Issue: 2 2005 Feb 1

Authors Zhou JS,Pillidge CJ,Gopal PK,Gill HS

Propolis extract as an adjuvant to periodontal treatment.

Oral health & preventive dentistry , Volume: 1 Issue: 1 2003

Authors Gebaraa EC,Pustiglioni AN,de Lima LA,Mayer MP

Microbiological effects of consuming a synbiotic containing Bifidobacterium bifidum, Bifidobacterium lactis, and oligofructose in elderly persons, determined by real-time polymerase chain reaction and counting of viable bacteria.

Clinical infectious diseases : an official publication of the Infectious Diseases Society of America , Volume: 40 Issue: 1 2005 Jan 1

Authors Bartosch S,Woodmansey EJ,Paterson JC,McMurdo ME,Macfarlane GT

Chemical compositions and antibacterial effects of essential oils of Turkish oregano (Origanum minutiflorum), bay laurel (Laurus nobilis), Spanish lavender (Lavandula stoechas L.), and fennel (Foeniculum vulgare) on common foodborne pathogens.

Journal of agricultural and food chemistry , Volume: 52 Issue: 26 2004 Dec 29

Authors Dadalioglu I,Evrendilek GA

Antibacterial and resistance modifying activity of Rosmarinus officinalis.

Phytochemistry , Volume: 65 Issue: 24 2004 Dec

Authors Oluwatuyi M,Kaatz GW,Gibbons S

Growth inhibition of foodborne pathogens and food spoilage organisms by select raw honeys.

International journal of food microbiology , Volume: 97 Issue: 1 2004 Dec 1

Authors Mundo MA,Padilla-Zakour OI,Worobo RW

Emerging resistance among bacterial pathogens in the intensive care unit—a European and North American Surveillance study (2000-2002).

Annals of clinical microbiology and antimicrobials , Volume: 3 2004 Jul 29

Authors Jones ME,Draghi DC,Thornsberry C,Karlowsky JA,Sahm DF,Wenzel RP

In vitro antimicrobial activity of essential oils from aromatic plants against selected foodborne pathogens.

Journal of food protection , Volume: 67 Issue: 6 2004 Jun

Authors Rota C,Carramiñana JJ,Burillo J,Herrera A

Contribution of acetate to butyrate formation by human faecal bacteria.

The British journal of nutrition , Volume: 91 Issue: 6 2004 Jun

Authors Duncan SH,Holtrop G,Lobley GE,Calder AG,Stewart CS,Flint HJ

Antimicrobial susceptibility of the pathogens of bacteraemia in the UK and Ireland 2001-2002: the BSAC Bacteraemia Resistance Surveillance Programme.

The Journal of antimicrobial chemotherapy , Volume: 53 Issue: 6 2004 Jun

Authors Reynolds R,Potz N,Colman M,Williams A,Livermore D,MacGowan A,BSAC Extended Working Party on Bacteraemia Resistance Surveillance.

Antimicrobial activity of extracts of local cough mixtures on upper respiratory tract bacterial pathogens.

The West Indian medical journal , Volume: 52 Issue: 3 2003 Sep

Authors Adeleye IA,Opiah L

Antibacterial activity of honey and propolis from Apis mellifera and Tetragonisca angustula against Staphylococcus aureus.

Journal of applied microbiology , Volume: 95 Issue: 5 2003

Authors Miorin PL,Levy Junior NC,Custodio AR,Bretz WA,Marcucci MC

Argentinean collaborative multicenter study on the in vitro comparative activity of piperacillin-tazobactam against selected bacterial isolates recovered from hospitalized patients.

Diagnostic microbiology and infectious disease , Volume: 47 Issue: 3 2003 Nov

Authors Casellas JM,Tomé G,Bantar C,Bertolini P,Blázquez N,Borda N,Couto E,Cudmani N,Guerrera J,Juárez MJ,López T,Littvik A,Méndez E,Notario R,Ponce G,Quinteros M,Salamone F,Sparo M,Sutich E,Vaylet S,Wolff L

Enteral feeding of premature infants with Saccharomyces boulardii.

Early human development , Volume: 74 Issue: 2 2003 Nov

Authors Costalos C,Skouteri V,Gounaris A,Sevastiadou S,Triandafillidou A,Ekonomidou C,Kontaxaki F,Petrochilou V

Trends in antimicrobial susceptibilities among Enterobacteriaceae isolated from hospitalized patients in the United States from 1998 to 2001.

Antimicrobial agents and chemotherapy , Volume: 47 Issue: 5 2003 May

Authors Karlowsky JA,Jones ME,Thornsberry C,Friedland IR,Sahm DF

Brazilian propolis: physicochemical properties, plant origin and antibacterial activity on periodontopathogens.

Phytotherapy research : PTR , Volume: 17 Issue: 3 2003 Mar

Authors Santos FA,Bastos EM,Maia AB,Uzeda M,Carvalho MA,Farias LM,Moreira ES

Victivallis vadensis gen. nov., sp. nov., a sugar-fermenting anaerobe from human faeces.

International journal of systematic and evolutionary microbiology , Volume: 53 Issue: Pt 1 2003 Jan

Authors Zoetendal EG,Plügge CM,Akkermans AD,de Vos WM

Antimicrobial resistance in Cairo, Egypt 1999-2000: a survey of five hospitals.

The Journal of antimicrobial chemotherapy , Volume: 51 Issue: 3 2003 Mar

Authors El Kholy A,Baseem H,Hall GS,Procop GW,Longworth DL

Antibacterial activity of extracts from some edible plants commonly consumed in Asia.

International journal of food microbiology , Volume: 80 Issue: 3 2003 Feb 15

Authors Alzoreky NS,Nakahara K

Antimicrobial activity of berberine—a constituent of Mahonia aquifolium.

Folia microbiologica , Volume: 47 Issue: 4 2002

Authors Cernáková M,Kostálová D

Effect of topical benzoyl peroxide/clindamycin versus topical clindamycin and vehicle in the reduction of Propionibacterium acnes.

Cutis , Volume: 69 Issue: 6 2002 Jun

Authors Leyden JJ

Aberrant composition of gut microbiota of allergic infants: a target of bifidobacterial therapy at weaning?

Gut , Volume: 51 Issue: 1 2002 Jul

Authors Kirjavainen PV,Arvola T,Salminen SJ,Isolauri E

Potency and antimicrobial spectrum update for piperacillin/tazobactam (2000): emphasis on its activity against resistant organism populations and generally untested species causing community-acquired respiratory tract infections.

Diagnostic microbiology and infectious disease , Volume: 43 Issue: 1 2002 May

Authors Johnson DM,Biedenbach DJ,Jones RN

Evaluation of N-acetylchitooligosaccharides as the main carbon sources for the growth of intestinal bacteria.

FEMS microbiology letters , Volume: 209 Issue: 1 2002 Mar 19

Authors Chen HC,Chang CC,Mau WJ,Yen LS

High frequency of antibiotic resistance among Gram-negative isolates in intensive care units at 10 Swedish hospitals.

Clinical microbiology and infection : the official publication of the European Society of Clinical Microbiology and Infectious Diseases , Volume: 3 Issue: 2 1997 Apr

Authors Hanberger H,Nilsson LE,Swedish Study Group .

Screening of the antibacterial effects of a variety of essential oils on respiratory tract pathogens, using a modified dilution assay method.

Journal of infection and chemotherapy : official journal of the Japan Society of Chemotherapy , Volume: 7 Issue: 4 2001 Dec

Authors Inouye S,Yamaguchi H,Takizawa T

Inhibition by the essential oils of peppermint and spearmint of the growth of pathogenic bacteria.

Microbios , Volume: 106 Suppl 1 2001

Authors Imai H,Osawa K,Yasuda H,Hamashima H,Arai T,Sasatsu M

Suppressive effects of bifidobacteria on lipid peroxidation in the colonic mucosa of iron-overloaded mice.

Journal of dairy science , Volume: 84 Issue: 7 2001 Jul

Authors Ito M,Sawada H,Ohishi K,Yoshida Y,Yokoi W,Watanabe T,Yokokura T

In-vitro antimicrobial activity of four diallyl sulphides occurring naturally in garlic and Chinese leek oils.

Journal of medical microbiology , Volume: 50 Issue: 7 2001 Jul

Authors Tsao SM,Yin MC

In vitro activity of garlic oil and four diallyl sulphides against antibiotic-resistant Pseudomonas aeruginosa and Klebsiella pneumoniae.

The Journal of antimicrobial chemotherapy , Volume: 47 Issue: 5 2001 May

Authors Tsao S,Yin M

Probiotic activities of Lactobacillus casei rhamnosus: in vitro adherence to intestinal cells and antimicrobial properties.

Research in microbiology , Volume: 152 Issue: 2 2001 Mar

Authors Forestier C,De Champs C,Vatoux C,Joly B

Egyptian propolis: 1-antimicrobial activity and chemical composition of Upper Egypt propolis.

Zeitschrift fur Naturforschung. C, Journal of biosciences , Volume: 56 Issue: 1-2 2001 Jan-Feb

Authors Hegazi AG,El Hady FK

The development of antibiotic resistance in Propionibacterium acnes.

Cutis , Volume: 67 Issue: 2 Suppl 2001 Feb

Authors Leyden J,Levy S

Phenolic compounds from Brazilian propolis with pharmacological activities.

Journal of ethnopharmacology , Volume: 74 Issue: 2 2001 Feb

Authors Marcucci MC,Ferreres F,García-Viguera C,Bankova VS,De Castro SL,Dantas AP,Valente PH,Paulino N

In vitro antimicrobial activity of propolis dry extract.

Journal of chemotherapy (Florence, Italy) , Volume: 12 Issue: 5 2000 Oct

Authors Drago L,Mombelli B,De Vecchi E,Fassina MC,Tocalli L,Gismondo MR

Study on propolis quality from China and Uruguay.

Zeitschrift fur Naturforschung. C, Journal of biosciences , Volume: 55 Issue: 9-10 2000 Sep-Oct

Authors Serra Bonvehí J,Ventura Coll F

Evaluation of the in vitro activity of 9 antimicrobials against bacterial strains isolated from patients in intensive care units in brazil: MYSTIC Antimicrobial Surveillance Program.

The Brazilian journal of infectious diseases : an official publication of the Brazilian Society of Infectious Diseases , Volume: 4 Issue: 5 2000 Oct

Authors Mendes C,Hsiung A,Kiffer C,Oplustil C,Sinto S,Mimica I,Zoccoli C,Mystic Study Group.

[Sensitivity to antibiotics of bacteria from nosocomial infections. Evolution in resuscitation services of military hospitals].

Presse medicale (Paris, France : 1983) , Volume: 29 Issue: 27 2000 Sep 23

Authors Garrabé E,Cavallo JD,Brisou P,Chapalain JC,Coué JC,Courrier P,Granic G,Hervé V,Koeck JL,Morillon M,Claude JD,Rouby Y,Teyssou R

Seasonal effect on Brazilian propolis antibacterial activity.

Journal of ethnopharmacology , Volume: 73 Issue: 1-2 2000 Nov

Authors Sforcin JM,Fernandes A Jr,Lopes CA,Bankova V,Funari SR

5-Methoxyhydnocarpin-D and pheophorbide A: Berberis species components that potentiate berberine growth inhibition of resistant Staphylococcus aureus.

Journal of natural products , Volume: 63 Issue: 8 2000 Aug

Authors Stermitz FR,Tawara-Matsuda J,Lorenz P,Mueller P,Zenewicz L,Lewis K

Screening of some Palestinian medicinal plants for antibacterial activity.

Journal of ethnopharmacology , Volume: 70 Issue: 3 2000 Jun

Authors Essawi T,Srour M

Fermentation of plant cell wall derived polysaccharides and their corresponding oligosaccharides by intestinal bacteria.

Journal of agricultural and food chemistry , Volume: 48 Issue: 5 2000 May

Authors Van Laere KM,Hartemink R,Bosveld M,Schols HA,Voragen AG

Chemical composition and antimicrobial activity of European propolis.

Zeitschrift fur Naturforschung. C, Journal of biosciences , Volume: 55 Issue: 1-2 2000 Jan-Feb

Authors Hegazi AG,Abd El Hady FK,Abd Allah FA

Antibacterial activity of garlic powder against Escherichia coli O-157.

Journal of nutritional science and vitaminology , Volume: 45 Issue: 6 1999 Dec

Authors Sasaki J,Kita T,Ishita K,Uchisawa H,Matsue H

In vitro utilization of amylopectin and high-amylose maize (Amylomaize) starch granules by human colonic bacteria.

Applied and environmental microbiology , Volume: 65 Issue: 11 1999 Nov

Authors Wang X,Conway PL,Brown IL,Evans AJ

Antimicrobial activity of essential oils and other plant extracts.

Journal of applied microbiology , Volume: 86 Issue: 6 1999 Jun

Authors Hammer KA,Carson CF,Riley TV

An organosulfur compound isolated from oil-macerated garlic extract, and its antimicrobial effect.

Bioscience, biotechnology, and biochemistry , Volume: 63 Issue: 3 1999 Mar

Authors Yoshida H,Katsuzaki H,Ohta R,Ishikawa K,Fukuda H,Fujino T,Suzuki A

[Antagonistic interaction between Clostridium butyricum and enterohemorrhagic Escherichia coli O157:H7].

Kansenshogaku zasshi. The Journal of the Japanese Association for Infectious Diseases , Volume: 73 Issue: 1 1999 Jan

Authors Takahashi M,Taguchi H,Yamaguchi H,Osaki T,Sakazaki R,Kamiya S

The effect of sucrose or starch-based diet on short-chain fatty acids and faecal microflora in rats.

Journal of applied microbiology , Volume: 86 Issue: 2 1999 Feb

Authors Cresci A,Orpianesi C,Silvi S,Mastrandrea V,Dolara P

[Relationship between the sensitivity of Pseudomonas aeruginosa and the post-antibiotic effect of sparflaxacin and ciprofloxacin].

Revista espanola de quimioterapia : publicacion oficial de la Sociedad Espanola de Quimioterapia , Volume: 11 Issue: 4 1998 Dec

Authors Pastor A,Cantón E,Pemán J

The effect of consumption of milk fermented by Lactobacillus casei strain Shirota on the intestinal microflora and immune parameters in humans.

European journal of clinical nutrition , Volume: 52 Issue: 12 1998 Dec

Authors Spanhaak S,Havenaar R,Schaafsma G

Antibiotic susceptibility of potentially probiotic Lactobacillus species.

Journal of food protection , Volume: 61 Issue: 12 1998 Dec

Authors Charteris WP,Kelly PM,Morelli L,Collins JK

Microbiological examinations and in-vitro testing of different antibiotics in therapeutic endoscopy of the biliary system.

Endoscopy , Volume: 30 Issue: 8 1998 Oct

Authors Lorenz R,Herrmann M,Kassem AM,Lehn N,Neuhaus H,Classen M

Efficacy and safety of high dose intravenous ciprofloxacin in the treatment of bacterial pneumonia. Italian Ciprofloxacin Study Group.

International journal of antimicrobial agents , Volume: 10 Issue: 3 1998 Aug

Authors Periti P,Mazzei T,Curti ME

The colonization of a simulator of the human intestinal microbial ecosystem by a probiotic strain fed on a fermented oat bran product: effects on the gastrointestinal microbiota.

Applied microbiology and biotechnology , Volume: 50 Issue: 2 1998 Aug

Authors Kontula P,Jaskari J,Nollet L,De Smet I,von Wright A,Poutanen K,Mattila-Sandholm T

[Susceptibilities of bacteria isolated from patients with lower respiratory infectious diseases to antibiotics (1996)].

The Japanese journal of antibiotics , Volume: 51 Issue: 7 1998 Jul

Authors Ikemoto H,Watanabe K,Mori T,Igari J,Oguri T,Shimizu Y,Terai T,Inoue H,Nakadate T,Ito C,Yoshida T,Ohno I,Tanno Y,Arakawa M,Igarashi K,Okada M,Ozaki K,Aoki N,Kitamura N,Sekine O,Suzuki Y,Nakata K,Nakatani T,Inagawa H,Kusano N

Antibiotic susceptibility of potentially probiotic Bifidobacterium isolates from the human gastrointestinal tract.

Letters in applied microbiology , Volume: 26 Issue: 5 1998 May

Authors Charteris WP,Kelly PM,Morelli L,Collins JK

Use of the ketogenic diet in treating children with seizures.

Pediatric nursing , Volume: 23 Issue: 5 1997 Sep-Oct

Authors McDonald ME

Fecal numbers of bifidobacteria are higher in pigs fed Bifidobacterium longum with a high amylose comstarch than with a low amylose comstarch.

The Journal of nutrition , Volume: 127 Issue: 9 1997 Sep

Authors Brown I,Warhurst M,Arcot J,Playne M,Ilman RJ,Topping DL

Cefuroxime compared to amoxicillin-clavulanic acid in the treatment of community-acquired pneumonia.

Singapore medical journal , Volume: 37 Issue: 3 1996 Jun

Authors Oh HM,Ng AW,Lee SK

In vitro evaluation of activities of nitazoxanide and tizoxanide against anaerobes and aerobic organisms.

Antimicrobial agents and chemotherapy , Volume: 40 Issue: 10 1996 Oct

Authors Dubreuil L,Houcke I,Mouton Y,Rossignol JF

In vitro activities of rifabutin, azithromycin, ciprofloxacin, clarithromycin, clofazimine, ethambutol, and amikacin in combinations of two, three, and four drugs against Mycobacterium avium.

Antimicrobial agents and chemotherapy , Volume: 40 Issue: 3 1996 Mar

Authors Yajko DM,Sanders CA,Madej JJ,Cawthon VL,Hadley WK

Antimicrobial compounds from Lactobacillus casei and Lactobacillus helveticus.

The new microbiologica , Volume: 16 Issue: 2 1993 Apr

Authors Vescovo M,Scolari GL,Caravaggi L,Bottazzi V

Antimicrobial and antioxidant activities of unripe papaya.

Life sciences , Volume: 53 Issue: 17 1993

Authors Osato JA,Santiago LA,Remo GM,Cuadra MS,Mori A

The efficacy and safety of piperacillin/tazobactam in the therapy of bacteraemia.

The Journal of antimicrobial chemotherapy , Volume: 31 Suppl A 1993 Jan

Authors Wise R

[A nationwide survey of antimicrobial susceptibilities of clinical isolates to antibiotics in Japan (1988-1990)].

The Japanese journal of antibiotics , Volume: 46 Issue: 6 1993 Jun

Authors Igari J

Synergistic effect of ethanolic extract of propolis and antibiotics on the growth of staphylococcus aureus.

Arzneimittel-Forschung , Volume: 43 Issue: 5 1993 May

Authors Krol W,Scheller S,Shani J,Pietsz G,Czuba Z

In vitro antimicrobial activity of fluoroquinolones against clinical isolates obtained in 1989 and 1990.

Journal of the Formosan Medical Association = Taiwan yi zhi , Volume: 92 Issue: 12 1993 Dec

Authors Chen YC,Chang SC,Hsu LY,Hsieh WC,Luh KT

[Effect of propolis on Staphylococcus aureus strains resistant to antibiotics].

Antibiotiki , Volume: 26 Issue: 4 1981 Apr

Authors Shub TA,Kagramanova KA,Voropaeva SD,Kivman Gla

Comparative activities of the oxa-beta-lactam LY127935, cefotaxime, cefoperazone, cefamandole, and ticarcillin against multiply resistant gram-negative bacilli.

Antimicrobial agents and chemotherapy , Volume: 17 Issue: 2 1980 Feb*Authors Hall WH,Opfer BJ,Gerding DN*Antibacterial sensitivity of Bifidobacterium (Lactobacillus bifidus).**Journal of bacteriology , Volume: 93 Issue: 1 1967 Jan***Authors Miller LG,Finegold SM*Inhibition of coagulase activity and growth of Staphylococcus aureus by garlic extracts.**Folia microbiologica , Volume: 19 Issue: 6 1974***Authors Fletcher RD,Parker B,Hassett M*Effect of saccharin on growth and acid production of glucose-grown pathogenic and oral bacteria.**Microbios , Volume: 42 Issue: 169-170 1985***Authors Linke HA,Doyle GA*[In vitro sensitivity at 18 antibiotics of 192 strains of Pseudomonas aeruginosa isolated at Garches Hospital].**Pathologie-biologie , Volume: 35 Issue: 5 1987 May***Authors Ronco E,Vacheron F,Orabona A*Comparison of populations of human faecal bacteria before and after in vitro incubation with plant cell wall substrates.**The Journal of applied bacteriology , Volume: 62 Issue: 3 1987 Mar***Authors Slade AP,Wyatt GM,Bayliss CE,Waite WM*[Antibacterial and bactericidal activities of Japanese green tea].**Nihon saikingaku zasshi. Japanese journal of bacteriology , Volume: 44 Issue: 4 1989 Jul***Authors Toda M,Okubo S,Ohnishi R,Shimamura T*[Evaluation of imipenem/cilastatin sodium in the treatment of respiratory tract infections].**The Japanese journal of antibiotics , Volume: 43 Issue: 1 1990 Jan***Authors Shimokata K,Kawazu H,Nishiwaki K,Yamamoto M,Sakai S,Senda Y,Torii Y,Amano H,Saka H,Saito H*[Antimicrobial activity of omidazole and 6 other antibiotics against anaerobic bacteria].**Enfermedades infecciosas y microbiología clinica , Volume: 9 Issue: 4 1991 Apr***Authors Alados JC,Martínez-Brocal A,Miranda C,Rojo MD,García V,Domínguez MC,de la Rosa M*Diet and faecal flora in the newborn: iron.**Archives of disease in childhood , Volume: 66 Issue: 12 1991 Dec***Authors Balmer SE,Wharton BA*Immunomodulatory action of propolis: IV. Prophylactic activity against gram-negative infections and adjuvant effect of the water-soluble derivative.**Vaccine , Volume: 10 Issue: 12 1992***Authors Dimov V,Ivanovska N,Bankova V,Popov S*[Antimicrobial and microbicidal activities of tea and catechins against Mycoplasma].**Kansenshogaku zasshi. The Journal of the Japanese Association for Infectious Diseases , Volume: 66 Issue: 5 1992 May***Authors Chosa H,Toda M,Okubo S,Hara Y,Shimamura T*Fermentation of mucins and plant polysaccharides by anaerobic bacteria from the human colon.**Applied and environmental microbiology , Volume: 34 Issue: 5 1977 Nov***Authors Salyers AA,West SE,Vercellotti JR,Wilkins TD*[Selective effect of propolis in the isolation of Listeria monocytogenes (author's transl)].**Nordisk veterinærmedicin , Volume: 29 Issue: 10 1977 Oct***Authors Aspoy E*Bacterial endocarditis on a prosthetic valve. Oral treatment with amoxicillin.**Chest , Volume: 74 Issue: 2 1978 Aug***Authors Lidji M,Rubinstein E,Samra H*[Antibacterial activity of sisomicin in comparison with gentamicin].**Arzneimittel-Forschung , Volume: 26 Issue: 5 1976***Authors Scheer M*In vitro activity of josamycin against aerobic gram-positive cocci and anaerobes.**Antimicrobial agents and chemotherapy , Volume: 9 Issue: 6 1976 Jun***Authors Westerman EL,Williams TW Jr,Moreland N*Additional sources and private correspondence**Private Correspondance , Volume: 1 Issue: 2018**Infectious Disease and Antibmicrobial Agents**antimicrobe: Infectious Disease and Antibmicrobial Agents , Volume:***Authors E-Sun Technologies*Effects of probiotic Enterococcus faecium NCIMB 11181 administration on swine fecal microbiota diversity and composition

using barcoded pyrosequencing

Animal Feed Science and Technology , Volume: 201 2015 Mar

Authors Edward Alain B.Pajarillo,Dae-Kyung Kang,Chan-Soo Park,Hyeun Bum Kim,Marilen P Balolong

Curated database of commensal, symbiotic and pathogenic microbiota

Generative Bioinformatics , Volume: Issue: 2014 Jun

Authors D'Adamo Peter

[Research cited on Manufacture Website].

Research cited on Manufacture Website , Volume: 0 Issue: 0 2018 Jan

Authors Miyarisan Labs

Curcumin consumption reduces gut microbial diversity among patients with colorectal adenomas

The FASEB Journal , Volume: 26 Issue: 1 2012 Apr 1

Authors April McLauchlin,Felix Araujo-Perez,Nikki McCoy,Kevin Smith,Bob Sandler,Gary Asher,Temitope Keku

Additional APriori Analysis Available

Available at: <https://microbiomeprescription.com/Library/PubMed>

Abdominal Aortic Aneurysm

Acne

Addison's Disease (hypocortisolism)

ADHD

Age-Related Macular Degeneration and Glaucoma

Allergic Rhinitis (Hay Fever)

Allergies

Allergy to milk products

Alopecia (Hair Loss)

Alzheimer's disease

Amyotrophic lateral sclerosis (ALS) Motor Neuron

Ankylosing spondylitis

Anorexia Nervosa

Antiphospholipid syndrome (APS)

Asthma

Atherosclerosis

Atrial fibrillation

Autism

Autoimmune Disease

Barrett esophagus cancer

benign prostatic hyperplasia

Biofilm

Bipolar Disorder

Brain Trauma

Breast Cancer

Cancer (General)

Carcinoma

cdk15 deficiency disorder

Celiac Disease

Cerebral Palsy

Chronic Fatigue Syndrome

Chronic Kidney Disease

Chronic Lyme

Chronic Obstructive Pulmonary Disease (COPD)

Chronic Urticaria (Hives)

Coagulation / Micro clot triggering bacteria

Cognitive Function

Colorectal Cancer

Constipation

Coronary artery disease

COVID-19
Crohn's Disease
Cushing's Syndrome (hypercortisolism)
cystic fibrosis
d-lactic acidosis (one form of brain fog)
deep vein thrombosis
Denture Wearers Oral Shifts
Depression
Dermatomyositis
Eczema
Endometriosis
Eosinophilic Esophagitis
Epilepsy
erectile dysfunction
Fibromyalgia
Food Allergy
Functional constipation / chronic idiopathic constipation
gallstone disease (gsd)
Gastroesophageal reflux disease (Gerd) including Barrett's esophagus
Generalized anxiety disorder
giant cell arteritis
Glioblastoma
Gout
Graves' disease
Gulf War Syndrome
Halitosis
Hashimoto's thyroiditis
Heart Failure
hemorrhagic stroke
Hemorrhoidal disease, Hemorrhoids, Piles
Hidradenitis Suppurativa
High Histamine/low DAO
hypercholesterolemia (High Cholesterol)
hyperglycemia
Hyperlipidemia (High Blood Fats)
hypersomnia
hypertension (High Blood Pressure)
Hypothyroidism
Hypoxia
IgA nephropathy (IgAN)
Inflammatory Bowel Disease
Insomnia
Intelligence
Intracranial aneurysms
Irritable Bowel Syndrome
ischemic stroke
Juvenile idiopathic arthritis
Liver Cirrhosis
liver fibrosis
Long COVID
Low bone mineral density
Lung Cancer
Lymphoma
Mast Cell Issues / mastitis
ME/CFS with IBS
ME/CFS without IBS
membranous nephropathy
Menopause

Metabolic Syndrome
Mood Disorders
multiple chemical sensitivity [MCS]
Multiple Sclerosis
Multiple system atrophy (MSA)
myasthenia gravis
neuropathic pain
Neuropathy (all types)
neuropsychiatric disorders (PANDAS, PANS)
Nonalcoholic Fatty Liver Disease (nafld) Nonalcoholic
NonCeliac Gluten Sensitivity
Obesity
obsessive-compulsive disorder
Osteoarthritis
Osteoporosis
pancreatic cancer
Parkinson's Disease
Peanut Allergy
Polycystic ovary syndrome
Postural orthostatic tachycardia syndrome
Premenstrual dysphoric disorder
primary biliary cholangitis
Primary sclerosing cholangitis
Psoriasis
rheumatoid arthritis (RA),Spondyloarthritis (SpA)
Rosacea
Schizophrenia
scoliosis
sensorineural hearing loss
Sjögren syndrome
Sleep Apnea
Slow gastric motility / Gastroparesis
Small Intestinal Bacterial Overgrowth (SIBO)
Stress / posttraumatic stress disorder
Systemic Lupus Erythematosus
Tic Disorder
Tourette syndrome
Type 1 Diabetes
Type 2 Diabetes
Ulcerative colitis
Unhealthy Ageing
Vitiligo