

Microbiome Information for: IgA nephropathy (IgAN)

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 IgA nephropathy (IgAN)

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
Coriobacteriia	class	High	84998	Porphyromonas	genus	High	836
Enterobacteriaceae	family	High	543	Prevotella	genus	Low	838
Erysipelotrichaceae	family	High	128827	Ralstonia	genus	High	48736
Eubacteriaceae	family	High	186806	Roseburia	genus	Low	841
Pasteurellaceae	family	High	712	Rothia	genus	Low	508215
Sutterellaceae	family	High	995019	Ruminococcus	genus	High	1263
Synergistaceae	family	Low	649777	Sphingomonas	genus	High	13687
Alistipes	genus	Low	239759	Streptococcus	genus	High	1301
Anaerosphaera	genus	Low	1273095	Treponema	genus	High	157
Bacteroides	genus	High	816	Trichococcus	genus	Low	82802
Bifidobacterium	genus	Low	1678	Veillonella	genus	Low	29465
Capnocytophaga	genus	High	1016	[Eubacterium] siraeum	species	Low	39492
Catenibacterium	genus	Low	135858	Alistipes putredinis	species	Low	28117
Clostridium	genus	Low	1485	Bacteroides finegoldii	species	Low	338188
Dialister	genus	Low	39948	Bacteroides ovatus	species	Low	28116
Eggerthella	genus	High	84111	Bacteroides thetaiotaomicron	species	Low	818
Enhydrobacter	genus	High	212791	Bacteroides uniformis	species	Low	820
Enterococcus	genus	Low	1350	Butyricimonas virosa	species	Low	544645
Fusicatenibacter	genus	Low	1407607	Campylobacter rectus	species	High	203
Fusobacterium	genus	High	848	Coprococcus eutactus	species	Low	33043
Gemella	genus	Low	1378	Enterocloster clostridioformis	species	Low	1531
Haemophilus	genus	High	724	Eubacterium oxidoreducens	species	Low	1732
Halomonas	genus	Low	2745	Granulicatella adiacens	species	Low	46124
Hungatella	genus	High	1649459	Haemophilus parainfluenzae	species	High	729
Lactobacillus	genus	Low	1578	Helicobacter pylori	species	High	210
Legionella	genus	High	445	Lachnospira eligens	species	Low	39485
Leptotrichia	genus	Low	32067	Lachnospira pectinoschiza	species	Low	28052
Methylocaldum	genus	High	73778	Mediterraneibacter gnavus	species	Low	33038
Mycoplasma	genus	High	2093	Porphyromonas gingivalis	species	High	837
Neisseria	genus	High	482	Prevotella intermedia	species	Low	28131
Oscillospira	genus	Low	119852	Prevotella nigrescens	species	Low	28133
Parabacteroides	genus	High	375288	Prevotella pallens	species	Low	60133
Paraprevotella	genus	High	577309	Segatella copri	species	Low	165179
Peptostreptococcus	genus	Low	1257	Staphylococcus aureus	species	High	1280
Phascolarctobacterium	genus	Low	33024	Streptococcus mutans	species	High	1309
				Veillonella parvula	species	Low	29466

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.

Adeps suillus {Lard}	lincomycin
bacillus subtilis natto {B.natto}	low carbohydrate diet
bacitracin (antibiotic)	moxifloxacin (antibiotic)
cefdinir (antibiotic)	nitrofurantoin (antibiotic)
chloramphenicol	norfloxacin
colistin sulfate (antibiotic)	omidazole
Escherichia coli cryodesiccata {colinfant probiotics}	perphenazine,(prescription)
Ethyl alcohol {Grain alcohol}	proton-pump inhibitors (prescription) 60 mg/day
Faecalibacterium prausnitzii {Faecalibacterium prausnitzii}	rifampicin
gatifloxacin (antibiotic)	secnidazole,(prescription)
High glycemic diet {High-sugar diet (HSD)}	spiramycin (antibiotic)
high red meat	sulfamethoxazole (antibiotic)
High-protein diet {Atkins low-carbohydrate diet}	Sus domesticus {Pork}
ketoconazole,(prescription)	Titanium Dioxide {E171}
	Tizoxanide

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.

(2->1)-beta-D-fructofuranan {Inulin}	Lactocaseibacillus paracasei {L.paracasei}
bacillus subtilis {B.Subtilis }	Lactobacillus plantarum {L. plantarum}
bifidobacterium longum {B.Longum }	Limosilactobacillus reuteri {L. Reuteri}
dietary fiber	oligosaccharides {oligosaccharides}
Diferuloylmethane {Curcumin}	Outer Layers of Triticum aestivum {Wheat Bran}
Fiber, total dietary	polyphenols
fruit	Propolis {Bee glue}
fruit/legume fibre	Slow digestible carbohydrates. {Low Glycemic}
High-fibre diet {Whole food diet}	wheat
Hordeum vulgare {Barley}	whole-grain diet

Sample of Literature Used

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

[Links between oropharyngeal microbiota and IgA nephropathy: A paradigm shift from isolated microbe to microbiome.](#)

Microbiological research , Volume: 292 2025 Mar

Authors Tangon N,Kumfu S,Chattipakorn N,Chattipakorn SC

[Gut and respiratory microbiota landscapes in IgA nephropathy: a cross-sectional study.](#)

Renal failure , Volume: 46 Issue: 2 2024 Dec

Authors Yuan X,Qing J,Zhi W,Wu F,Yan Y,Li Y

[Gut Microbiome Characteristics in IgA Nephropathy: Qualitative and Quantitative Analysis from Observational Studies.](#)

Frontiers in cellular and infection microbiology , Volume: 12 2022

Authors Han S,Shang L,Lu Y,Wang Y

[The Gut and Blood Microbiome in IgA Nephropathy and Healthy Controls.](#)

Kidney360 , Volume: 2 Issue: 8 2021 Aug 26

Authors Shah NB,Nigwekar SU,Kalim S,Lelouvier B,Servant F,Dalal M,Krinsky S,Fasano A,Tolkoff-Rubin N,Allegretti AS

[Potential Roles of Oral Microbiota in the Pathogenesis of Immunoglobulin A Nephropathy.](#)

Frontiers in cellular and infection microbiology , Volume: 11 2021

Authors He JW,Zhou XJ,Hou P,Wang YN,Gan T,Li Y,Liu Y,Liu LJ,Shi SF,Zhu L,Lv JC,Zhang H

[Associations of Genetic Variants Contributing to Gut Microbiota Composition in Immunoglobulin A Nephropathy.](#)

mSystems , Volume: 6 Issue: 1 2021 Jan 12

Authors He JW,Zhou XJ,Li YF,Wang YN,Liu LJ,Shi SF,Xin XH,Li RS,Falchi M,Lv JC,Zhang H

[Analysis of microbial changes in the tonsillar formalin-fixed paraffin-embedded tissue of Chinese patients with IgA nephropathy.](#)

Pathology, research and practice , Volume: 216 Issue: 11 2020 Nov

Authors Zhu A,Yang X,Bai L,Hou Y,Guo C,Zhao D,Wen M,Jiang P,Liu Y,Huang Y,Li C,Meng H

[Fecal microbiota characteristics of Chinese patients with primary IgA nephropathy: a cross-sectional study.](#)

BMC nephrology , Volume: 21 Issue: 1 2020 Mar 13

Authors Hu X,Du J,Xie Y,Huang Q,Xiao Y,Chen J,Yan S,Gong Z,Ouyang S

[Helicobacter pylori participates in the pathogenesis of IgA nephropathy.](#)

Renal failure , Volume: 38 Issue: 9 2016 Oct

Authors Zhu TT,Wang L,Wang HL,He Y,Ma X,Fan JM

[Comprehensive microbiome analysis of tonsillar crypts in IgA nephropathy.](#)

Nephrology, dialysis, transplantation : official publication of the European Dialysis and Transplant Association - European Renal Association , Volume: 32 Issue: 12 2017 Dec 1

Authors Watanabe H,Goto S,Mori H,Higashi K,Hosomichi K,Aizawa N,Takahashi N,Tsuchida M,Suzuki Y,Yamada T,Horii A,Inoue I,Kurokawa K,Narita I

[Salivary Microbiota Associated with Immunoglobulin A Nephropathy.](#)

Microbial ecology , Volume: 70 Issue: 2 2015 Aug

Authors Piccolo M,De Angelis M,Lauriero G,Montemurno E,Di Cagno R,Gesualdo L,Gobbetti M

[Microbiota and metabolome associated with immunoglobulin A nephropathy \(IgAN\).](#)

PloS one , Volume: 9 Issue: 6 2014

Authors De Angelis M,Montemurno E,Piccolo M,Vannini L,Lauriero G,Maranzano V,Gozzi G,Serrazanetti D,Dalfino G,Gobbetti M,Gesualdo L

[CagA, a major virulence factor of Helicobacter pylori, promotes the production and underglycosylation of IgA1 in DAKIKI cells.](#)

Biochemical and biophysical research communications , Volume: 444 Issue: 2 2014 Feb 7

Authors Yang M,Li FG,Xie XS,Wang SQ,Fan JM

[Mycoplasma penetrans infection is a potential cause of immunoglobulin A nephropathy: a new animal model.](#)

Journal of nephrology , Volume: 26 Issue: 3 2013 May-Jun

Authors Jiang X,Lv YQ,Zhang JN,Shi YL,Xu FF

[Patients with IgA nephropathy respond strongly through production of IgA with low avidity against Staphylococcus aureus.](#)

Contributions to nephrology , Volume: 157 2007

Authors Shimizu Y,Seki M,Kaneko S,Hagiwara M,Yoh K,Yamagata K,Koyama A

[Experimental nephropathy induced by Haemophilus parainfluenzae antigens.](#)

Nephron , Volume: 90 Issue: 3 2002 Mar

Authors Yamamoto C,Suzuki S,Kimura H,Yoshida H,Gejyo F

[Production of interferon-gamma by tonsillar mononuclear cells in IgA nephropathy patients.](#)

Acta oto-laryngologica , Volume: 120 Issue: 5 2000 Aug

Authors Fujieda S,Suzuki S,Sunaga H,Yamamoto H,Seki M,Sugimoto H,Saito H

[Immune response of tonsillar lymphocytes to Haemophilus parainfluenzae in patients with IgA nephropathy.](#)

Clinical and experimental immunology , Volume: 119 Issue: 2 2000 Feb

Authors Suzuki S,Fujieda S,Sunaga H,Sugimoto H,Yamamoto C,Kimura H,Abo T,Gejyo F

[Role of IgA, IgG, and IgM antibodies against Haemophilus parainfluenzae antigens in IgA nephropathy.](#)

Clinical nephrology , Volume: 46 Issue: 5 1996 Nov

Authors Suzuki S,Gejyo F,Nakatomi Y,Odani S,Sato H,Arakawa M

[Circulating IgA, IgG, and IgM class antibody against Haemophilus parainfluenzae antigens in patients with IgA nephropathy.](#)

Clinical and experimental immunology , Volume: 104 Issue: 2 1996 May

Authors Suzuki S,Nakatomi Y,Odani S,Sato H,Gejyo F,Arakawa M

[Analysis of gut microbiota and intestinal secondary bile acids metabolism in rats after short-term antibiotic treatment.](#)

Journal of pharmaceutical and biomedical analysis , Volume: 272 2026 Jan 19

Authors Yang Z,Zhang X,Lv B,Yu Y

[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

[The effect of fruit extracts containing phenolic compounds on the survivability of Streptococcus mutans: an in vitro study.](#)

European archives of paediatric dentistry : official journal of the European Academy of Paediatric Dentistry , 2026 Jan 19

Authors Zornitzki K,Bar DZ,Shmerling A,Blumer S,Berenstein Ajzman G

[Dietary inulin mediates the molecular mechanism of intestinal metabolites to alleviate high salt diet-induced chronic kidney disease in mice.](#)

The Journal of nutritional biochemistry , 2026 Jan 15

Authors Qu Q,Gao H,Gao X,Li P,Mou Y,Kong X,Tan X

[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-Máñez R,Mima EGO

[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

[Oligosaccharides and small molecule components of Sijunzi decoction modulate the gut microbiota-bile acid axis to synergistically alleviate spleen deficiency syndrome.](#)

Journal of ethnopharmacology , Volume: 360 2025 Dec 31

Authors Chen X,Pu Z,Ma P,Liu Y,Li X

[Effects of Different Bacillus subtilis Supplementation Levels on Fecal Microbiota and Metabolites in Goats.](#)

Microorganisms , Volume: 13 Issue: 12 2025 Nov 30

Authors Chen A,Liu H,Han J,Zhu D,Huang S,Li M,Deng X,Wang K,Wu Q,Yang Y,Peng W,Zeng M,Wang W,Zhang X,Zhou H

[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

[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

[Limosilactobacillus reuteri NCU-37 alleviates leuporelin-induced perimenopausal syndrome in infertile women by modulating the gut microbiota: a randomized controlled trial.](#)

Food & function , 2025 Dec 16

Authors Wu X,Chen W,Yong Q,Zeng Q,You J,Zeng K,Li T,Wei J,Xie Y,Xu T,Chen T

Impact of dietary supplementation of *Bacillus subtilis* on the metabolic profiles and microbial ecology of weanling pigs experimentally infected with a pathogenic *Escherichia coli*.

Journal of animal science and biotechnology , Volume: 16 Issue: 1 2025 Dec 6

Authors Kim K,Park S,Jinno C, Ji P,Liu Y

Effects of coarse corn or oat hulls on growth performance, intestinal health, and microbiota modulation in underperforming broilers.

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

Authors Akram MZ,Sureda EA,Corion M,Comer L,Zhao H,Schroyen M,Everaert N

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

Effect of Ningxiang pig-derived *Lactobacillus reuteri* supplementation on the growth performance, lipid metabolism, and gut microbiota of finishing pigs.

Porcine health management , 2025 Nov 25

Authors Xie Q,Yang M,Duanmu Q,Feng L,Liu L,Yin Y,Tan BE,Chen J

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

Dietary Lard at 25% Fat Energy Level Enhances Adipose Tissue Browning and Gut Microbiota Remodeling in Mice Relative to Soybean Oil.

Lipids , 2025 Nov 17

Authors Guo F,Xu L,Liu X,Wu X,Zhu Y,Wen L,Wang J

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

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

Bifidobacterium longum supplementation prevents intestinal inflammation and cognitive impairment in sleep-deprived mice by modulating clock gene expression.

Food & function , 2025 Nov 10

Authors Huang L,Li X,Guo M,Lu W,Zhao J,Xiao Y,Chen W

Gut Microbiota Dysbiosis and Associated Gut Health Outcomes Among Alcohol Consumers in Musanze District of Rwanda: A Cross-Sectional Study.

The East African health research journal , Volume: 9 Issue: 1 2025

Authors Higiro C,Habyarimana T,Izere C,Yadufashije C,Niyonzima FN

Lactobacillus Reuteri L81 Alleviates Intestinal Barrier Damage Induced by *Escherichia Coli* K99 in Mice by Modulating Gut Microbiota Composition and Metabolic Products.

Probiotics and antimicrobial proteins , 2025 Nov 8

Authors Li J,Peng H,Liang W,Chen L,Li Y,Zhang W

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

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

Fiber deprivation and insoluble corn-based fibrous co-products modulate gastrointestinal mucosa-associated microbiota, extracellular matrix remodeling, and intestinal morphology in growing pigs.

Journal of animal science , 2025 Oct 16

Authors Miller HE,Sasser CN,Hernandez MS,Legako JF,Anderson CJ,Schmitz-Esser S,Ericsson AC,Broadway PR,Sanchez NCB,Carroll JA,Penn MJC,Petry AL

[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,Bedaïda IK,Pinto DCGA,Bensouici C,Ouamane AT,Silva AMS,Roy JP

[Ethanol-Induced Dysbiosis and Systemic Impact: A Meta-Analytical Synthesis of Human and Animal Research.](#)

Microorganisms , Volume: 13 Issue: 9 2025 Aug 27

Authors Alexandrescu L,Tofolean IT,Tofolean DE,Nicoara AD,Twakor AN,Rusu E,Preotesoiu I,Dumitru E,Dumitru A,Tocia C,Herlo A,Alexandrescu DM,Popescu I,Cîmpineanu B

[Survival and Impact on Microbial Diversity of Lactocaseibacillus 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

[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

[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

[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

[The efficacy of lactobacillus reuteri in conjunction with racecadotril in managing pediatric rotavirus enteritis and its impact on intestinal mucosa and immune function.](#)

African health sciences , Volume: 25 Issue: 2 2025 Jun

Authors He Z,Lan L,Chen N,Cheng Y,Gong S

[Complex probiotics can reduce diarrhea by boosting immunity and balancing gut microbiota in weaned piglets.](#)

Frontiers in immunology , Volume: 16 2025

Authors Wang M,Zhou X,Hübertz Birch Hansen L,Sheng Y,Yu B,He J,Yu J,Zheng P

[Lactocaseibacillus paracasei L21 and Its Postbiotics Ameliorate Ulcerative Colitis Through Gut Microbiota Modulation, Intestinal Barrier Restoration, and HIF1a/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

[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

[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

[Inactivated Bacillus subtilis R0179 Inhibits Porphyromonas Gingivalis-Induced Gingival Inflammation Via TLR2/NF-?B Signaling in a Murine Model of Periodontitis.](#)

Inflammation , 2025 Aug 8

Authors Zhao W,ji L,Li J,Liu D,Zhang C,Wang X,Liu Y,Zheng S

[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,Badgajar PC,Saravanan C

[Apiaceous Vegetables Attenuated Inflammation Markers and Enriched Gut Lachnospiraceae in Mice Fed Western Diets.](#)

Journal of medicinal food , 2025 Jul 22

Authors Lee HS,Narvaez RM,Gallaher DD,Chai J,Zhao J,Pan J,Kim JK,Trudo SP

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 impact of Bifidobacterium longum CCFM1112 on chronic constipation: a randomised, double-blind, placebo-controlled study.

Beneficial microbes , 2025 Jul 21

Authors Liu W,Wang J,Xue Y,Li J,Huang Y,Zhu S,Wang L,Wang G,Chen W,Zhao J

Multi-omics analyses the effect of Bifidobacterium longum subsp. longum BL21 supplementation on overweight and obese subjects: a randomized, double-blind, placebo-controlled study.

Nutrition & metabolism , Volume: 22 Issue: 1 2025 Jul 17

Authors Wang X,Xing Z,Wang R,Zhang G,Liu G,Li Z,Li L

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

Effects of Dietary Ratio of Insoluble Fiber to Soluble Fiber on Reproductive Performance, Biochemical Parameters, and Fecal Microbial Composition of Gestating Sows.

Animals : an open access journal from MDPI , Volume: 15 Issue: 13 2025 Jun 23

Authors Wen X,Wu Q,Gao K,Yang X,Xiao H,Jiang Z,Wang L

The potential of cell-free supernatants from Lactocaseibacillus paracasei B1 and Lactiplantibacillus plantarum 024 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

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

Exploring the role of gut microbiota in rheumatoid arthritis: the effects of diet and drug supplementation.

BMC rheumatology , Volume: 9 Issue: 1 2025 Jul 1

Authors Genc DE,Ozbek O,Ulgen KO

Combined Phytochemical Sulforaphane and Dietary Fiber Inulin Contribute to the Prevention of ER-Negative Breast Cancer via PI3K/AKT/MTOR Pathway and Modulating Gut Microbial Composition.

Nutrients , Volume: 17 Issue: 12 2025 Jun 17

Authors Wu H,Witt BL,van der Pol WJ,Morrow CD,Duck LW,Tollefsbol TO

Investigation of the Mitigating Mechanism of Bifidobacterium longum 300 in d-Galactose-Induced Cognitive Impairment in Mice.

Journal of agricultural and food chemistry , 2025 Jun 14

Authors Zhang X,Ma X,Zhang J,Nie H,Mu G,Wu X

Dietary Galacto-Oligosaccharides Enhance Growth Performance and Modulate Gut Microbiota in Weaned Piglets: A Sustainable Alternative to Antibiotics.

Animals : an open access journal from MDPI , Volume: 15 Issue: 11 2025 May 22

Authors Wang Y,Li Z,Chen G,Xing Y,Wang J,Zhao Y,Kang M,Huang K,Li E,Ma X

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

Dietary supplementation with soluble corn fiber improved fecal score, microbiota, and SCFAs in dogs.

Frontiers in veterinary science , Volume: 12 2025

Authors Liang D,Zhao S,Yin G

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

Reshaping the gut microbiota to ameliorate DSS-induced colitis using a novel synbiotic consisting of jujube powder and

[Faecalibacterium prausnitzii.](#)

Food & function , 2025 May 23

Authors Zhou Y,Yang Z,Zhuang H,Chen T,Koay SSN,Li R,Jiang G,Liu Z

[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

[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

[Efficacy of Limosilactobacillus reuteri UBLRu-87 in Infantile Colic and Its Symptoms: A Double-Blind, Placebo-Controlled Study.](#)

Cureus , Volume: 17 Issue: 4 2025 Apr

Authors Venkataraman R,Kotyal Basvanyappa M,Samanta B,Yadla M,Ravi NA,Neelamraju J,Madempudi RS

[Inulin Modulates Gut Microbiota and Increases Short-Chain Fatty Acids Levels to Inhibit Colon Tumorigenesis in Rat Models: A Systematic Review and Meta-Analysis.](#)

Journal of food science , Volume: 90 Issue: 5 2025 May

Authors Yu Y,He J,Fu H,Mi Y,Wu H,Gao Y,Li 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

[Alcohol exposure alters the diversity and composition of oral microbiome.](#)

Frontiers in cellular and infection microbiology , Volume: 15 2025

Authors Zhao Z,Li J,Liu J,Zhang X,Qie Y,Sun Y,Liu N,Liu Q

[Associations of alcohol with the human gut microbiome and prospective health outcomes in the FINRISK 2002 cohort.](#)

European journal of nutrition , Volume: 64 Issue: 4 2025 Apr 11

Authors Koponen K,McDonald D,Jousilahti P,Meric G,Inouye M,Lahti L,Niiranen T,Männistö S,Havulinna A,Knight R,Salomaa V

[Effects of dietary fiber on the composition, function, and symbiotic interactions of intestinal microbiota in pre-weaned calves.](#)

Frontiers in microbiology , Volume: 16 2025

Authors Lu W,Yi X,Ge Y,Zhang X,Shen K,Zhuang H,Deng Z,Liu D,Cao J,Ma C

[Effects of combined prebiotic fiber supplementation and weight loss counseling in adults with metabolic dysfunction-associated steatotic liver disease: a randomized controlled trial.](#)

European journal of nutrition , Volume: 64 Issue: 4 2025 Apr 2

Authors Mayengbam S,Raman M,Parnell JA,Eksteen B,Lambert JE,Elser LK,Nicolucci AC,Aktary ML,Reimer RA

[Superior ability of dietary fiber utilization in obese breed pigs linked to gut microbial hydrogenotrophy.](#)

ISME communications , Volume: 5 Issue: 1 2025 Jan

Authors Li X,Mu C,Wu H,Zoetendal EG,Huang R,Yu K,Zhu W

[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

[Alleviation effects of Lactobacillus plantarum in colitis aggravated by a high-salt diet depend on intestinal barrier protection, NF- \$\kappa\$ 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

[Maternal dietary inulin intake during late gestation and lactation ameliorates intestinal oxidative stress in piglets with the involvements of gut microbiota and bile acids metabolism.](#)

Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 20 2025 Mar

Authors Lu D,Feng C,Pi Y,Ye H,Wu Y,Huang B,Zhao J,Han D,Soede N,Wang J

[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*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*Gut microbiota modulation and inflammation mitigation in a murine model through a hull-less and purple grain barley genotype.**Food & function , 2025 Feb 25***Authors Cortijo-Alfonso ME,Laghuaouta H,Pena RN,Martínez M,Yuste S,Rubió-Piqué L,Piñol-Felis C*Exopolysaccharides from camel milk-derived Limosilactobacillus reuteri C66: Structural characterization, bioactive and rheological properties for food applications.**Food chemistry: X , Volume: 25 2025 Jan***Authors Kober AKMH,Abdin M,Subhash A,Liu SQ,Dertli E,Abu-Jdayil B,Show PL,Ayyash M*Effect of dietary supplementation of Bacillus subtilis QST 713 on constipation, reproductive performance and offspring growth performance of sows.**Animal reproduction science , Volume: 274 2025 Mar***Authors Li F,Wu D,Ma K,Wei T,Wu J,Zhou S,Xiang S,Zhu Z,Zhang X,Tan C,Luo H,Deng J*The effect of high-fiber diet based on gut microbiota in patients with chronic heart failure.**Physiological genomics , Volume: 57 Issue: 3 2025 Mar 1***Authors Li L,Yang L,Liu M*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*Inulin alleviates chronic ketamine-induced impairments in memory and prepulse inhibition by regulating the gut microbiota, inflammation, and kynurenine pathway.**International journal of biological macromolecules , Volume: 294 2025 Mar***Authors Xu Z,Lu H,Hu C,Wen Y,Shang D,Gan T,Guo Z,Dai L,Luo Y*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*Oral administration of Bifidobacterium longum and Bifidobacterium infantis ameliorates cefcapene pivoxil-induced attenuation of anti-programmed cell death protein-1 antibody action in mice.**Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 182 2025 Jan***Authors Funayama E,Hosonuma M,Tajima K,Isobe J,Baba Y,Murayama M,Narikawa Y,Toyoda H,Tsurui T,Maruyama Y,Sasaki A,Amari Y,Yamazaki Y,Nakashima R,Uchiyama J,Nakano R,Shida M,Sasaki A,Udaka Y,Oguchi T,Sambe T,Kobayashi S,Tsuji M,Kiuchi Y,Kim YG,Wada S,Tsunoda T,Akiyama M,Nobe K,Kuramasu A,Yoshimura K*Antimicrobial activities of seasonally collected bee products: honey, propolis, royal jelly, venom, and mellitin.**Brazilian journal of biology = Revista brasileira de biologia , Volume: 84 2024***Authors Obeidat M,Haddad MA,Ghnamat SA*Gut Microbiota: Association with Fiber Intake, Ultra-Processed Food Consumption, Sex, Body Mass Index, and Socioeconomic Status in Medical Students.**Nutrients , Volume: 16 Issue: 23 2024 Dec 9***Authors Moreno-Altamirano L,Robles-Rivera K,Castelán-Sánchez HG,Vaca-Paniagua F,Iñarritu Pérez MDC,Hernández-Valencia SE,Cruz-Casarrubias C,García-García JJ,Ruiz de la Cruz M,Martínez-Gregorio H,Díaz Velásquez CE,Soto-Estrada G,Navarro-Ocaña A,Carrillo-Medina S*Clinical Efficacy of Probiotics for Allergic Rhinitis: Results of an Exploratory Randomized Controlled Trial.**Nutrients , Volume: 16 Issue: 23 2024 Nov 30***Authors Lungaro L,Malfa P,Manza F,Costanzini A,Valentini G,Squarzanti DF,Viciani E,Velichevskaya A,Castagnetti A,Barbalinardo M,Gentili D,Cariani A,Ghisellini S,Caputo F,De Giorgio R,Caio G*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

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

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

Chitin promotes equol production via n-acetylglucosamine in human fecal cultures.

Anaerobe , Volume: 91 2024 Nov 26

Authors Kodera M,Nakamura K,Yokoyama S

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

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,Dominguez-Vera JM

Supplementation with inulin reverses cognitive flexibility alterations and modulates the gut microbiota in high-fat-fed mice.

Frontiers in behavioral neuroscience , Volume: 18 2024

Authors González-Velázquez G,Agüirre-Garrido JF,Oros-Pantoja R,Salinas-Velarde ID,Contreras I,Estrada JA,Soto-Piña AE

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

Galacto-oligosaccharides regulate intestinal mucosal sialylation to counteract antibiotic-induced mucin dysbiosis.

Food & function , Volume: 15 Issue: 24 2024 Dec 9

Authors Xu L,Li X,Han S,Mu C,Zhu W

Bifidobacterium longum BL-19 inhibits oxidative stress and inflammatory damage in the liver of mice with NAFLD by regulating the production of butyrate in the intestine.

Food science & nutrition , Volume: 12 Issue: 9 2024 Sep

Authors Zhang X,Xu J,Dong X,Tang J,Xie Y,Yang J,Zou L,Wu L,Fan J

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

Protective effects of a lactobacilli mixture against Alzheimer's disease-like pathology triggered by *Porphyromonas gingivalis*.

Scientific reports , Volume: 14 Issue: 1 2024 Nov 8

Authors Kazemi N,Khorasgani MR,Noorbakhshnia M,Razavi SM,Narimani T,Naghsh N

A Novel Synbiotic Protects Against DSS-Induced Colitis in Mice via Anti-inflammatory and Microbiota-Balancing Properties.

Probiotics and antimicrobial proteins , 2024 Nov 7

Authors Yang Y,Qiao Y,Liu G,Chen W,Zhang T,Liu J,Fan W,Tong M

Dietary supplementation with *Bacillus subtilis* KC1 alleviates the negative effects of *Mycoplasma gallisepticum* on growth performance and amino acid metabolism of broiler chickens.

Frontiers in veterinary science , Volume: 11 2024

Authors Chen X,Cui J,Wang Y,Han K,Huo N,Wang J

Microbiota-Focused Dietary Approaches to Support Health: A Systematic Review.

The Journal of nutrition , Volume: 155 Issue: 2 2025 Feb

Authors Hindle VK,Veasley NM,Holscher HD

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

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

[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

[Effects of xylo-oligosaccharide supplementation on the production performance, intestinal morphology, cecal short-chain fatty acid levels, and gut microbiota of laying hens.](#)

Poultry science , Volume: 103 Issue: 12 2024 Dec

Authors Xiong S,Zhang K,Wang J,Bai S,Zeng Q,Liu Y,Peng H,Xuan Y,Mu Y,Tang X,Ding X

[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

[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

[Alginate Oligosaccharides Enhance Gut Microbiota and Intestinal Barrier Function, Alleviating Host Damage Induced by Deoxynivalenol in Mice.](#)

The Journal of nutrition , Volume: 154 Issue: 11 2024 Nov

Authors Mi J,Tong Y,Zhang Q,Wang Q,Wang Y,Wang Y,Lin G,Ma Q,Li T,Huang S

[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

[Barley \$\beta\$ -glucan consumption improves glucose tolerance by increasing intestinal succinate concentrations.](#)

NPJ science of food , Volume: 8 Issue: 1 2024 Sep 30

Authors Mio K,Goto Y,Matsuoka T,Komatsu M,Ishii C,Yang J,Kobayashi T,Aoe S,Fukuda S

[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

[Determinants of raffinose family oligosaccharide use in Bacteroides species.](#)

Journal of bacteriology , Volume: 206 Issue: 10 2024 Oct 24

Authors Basu A,Adams AND,Degnan PH,Vanderpool CK

[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

[Differential growth enhancement followed by notable microbiota modulation in growing-finishing pigs by Bacillus subtilis strains ps4060, ps4100, and a 50:50 strain mixture.](#)

PLoS one , Volume: 19 Issue: 9 2024

Authors Song JH,Park SS,Kim IH,Cho Y

[Effects of inulin on intestinal flora and metabolism-related indicators in obese polycystic ovary syndrome patients.](#)

European journal of medical research , Volume: 29 Issue: 1 2024 Aug 31

Authors Li X,Jiang B,Gao T,Nian Y,Bai X,Zhong J,Qin L,Gao Z,Wang H,Ma X

Faecalibacterium prausnitzii, FOS and GOS loaded synbiotic reverses treatment-resistant depression in rats: Restoration of gut-brain crosstalk.

European journal of pharmacology , Volume: 983 2024 Nov 15

Authors Palepu MSK,Bhalerao HA,Sonti R,Dandekar MP

Heat-killed Bifidobacterium longum BBMN68 and inulin protect against high-fat diet-induced obesity by modulating gut microbiota.

Frontiers in nutrition , Volume: 11 2024

Authors Sun S,Zhang Q,Li D,Li H,Ma H,Wu X,Li Y,Wang P,Liu R,Feng H,Zhang Y,Sang Y,Fang B,Wang R

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

Epicatechin and β -glucan from whole highland barley grain ameliorates hyperlipidemia associated with attenuating intestinal barrier dysfunction and modulating gut microbiota in high-fat-diet-fed mice.

International journal of biological macromolecules , Volume: 278 Issue: Pt 3 2024 Oct

Authors Liu Z,Tang R,Liu J,Zhang Z,Li Y,Zhao R

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

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

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

Alginate Oligosaccharides Enhance Antioxidant Status and Intestinal Health by Modulating the Gut Microbiota in Weaned Piglets.

International journal of molecular sciences , Volume: 25 Issue: 15 2024 Jul 23

Authors Liu M,Deng X,Zhao Y,Everaert N,Zhang H,Xia B,Schroyen M

Preventive effects of probiotics on dental caries in vitro and in vivo.

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

Authors Zhang J,Wang Q,Duan Z

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

Bamboo fiber improves piglet growth performance by regulating the microbial composition of lactating sows and their offspring piglets.

Frontiers in microbiology , Volume: 15 2024

Authors Dai F,Lin T,Jin M,Huang X,Wang L,Ma J,Yu H,Fan X,Nong X,Zuo J

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

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

Postbiotic mediators derived from Lactobacillus species enhance riboflavin-mediated antimicrobial photodynamic therapy for eradication of Streptococcus mutans planktonic and biofilm growth.

BMC oral health , Volume: 24 Issue: 1 2024 Jul 24

Authors Pourhajibagher M,Ghafari HA,Bahador A

Improving insulin resistance by sulforaphane via activating the Bacteroides and Lactobacillus SCFAs-GPR-GLP1 signal axis.

Food & function , 2024 Jul 24

Authors Tian S,Lei Y,Zhao F,Che J,Wu Y,Lei P,Kang YE,Shan Y

Enhancing gut microbiota and microbial function with inulin supplementation in children with obesity.

International journal of obesity (2005) , 2024 Jul 20

- Authors** Visuthranukul C,Sriswasdi S,Tepaamorndech S,Chamni S,Leelahavanichkul A,Joyjinda Y,Aksornkitti V,Chomtho S
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
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
Aging Modulates the Effect of Dietary Glycemic Index on Gut Microbiota Composition in Mice.
The Journal of nutrition , Volume: 154 Issue: 9 2024 Sep
Authors Zhu Y,Yeo EN,Smith KM,Greenberg AS,Rowan S
Modulation of Human Gut Microbiota In Vitro by Inulin-Type Fructan from Codonopsis pilosula Roots.
Indian journal of microbiology , Volume: 64 Issue: 2 2024 Jun
Authors Li J,Cao L, Ji J,Shen M,Gao J
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
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
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
Indole-3-Lactic Acid Derived from Lactocaseibacillus paracasei Inhibits Helicobacter pylori Infection via Destruction of Bacteria Cells, Protection of Gastric Mucosa Epithelial Cells, and Alleviation of Inflammation.
Journal of agricultural and food chemistry , Volume: 72 Issue: 28 2024 Jul 17
Authors Yao M,Cao J,Zhang L,Wang K,Lin H,Qin L,Zhang Q,Qu C,Miao J,Xue 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
Lactocaseibacillus rhamnosus LRa05 alleviated liver injury in mice with alcoholic fatty liver disease by improving intestinal permeability and balancing gut microbiota.
Beneficial microbes , Volume: 15 Issue: 5 2024 Jul 3
Authors Gu J,Chen Y,Wang J,Gao Y,Gai Z,Zhao Y,Xu F
Effects of compatibility of Clostridium butyricum and Bacillus subtilis on growth performance, lipid metabolism, antioxidant status and cecal microflora of broilers during the starter phase.
Animal bioscience , Volume: 37 Issue: 11 2024 Nov
Authors Zhao X,Zhuang J,Zhang F,Li H,Yu J,Wang C,Lv T,Li Q,Zhang J
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
Procyanidin B1 and Coumaric Acid from Highland Barley Alleviated High-Fat-Diet-Induced Hyperlipidemia by Regulating PPARα-Mediated Hepatic Lipid Metabolism and Gut Microbiota in Diabetic C57BL/6J Mice.
Foods (Basel, Switzerland) , Volume: 13 Issue: 12 2024 Jun 12
Authors Liu Z,Liu J,Tang R,Zhang Z,Tian S
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
Effects of cyclic antimicrobial lipopeptides from Bacillus subtilis on growth performance, intestinal morphology, and cecal gene expression and microbiota community in broilers.
Animal science journal = Nihon chikusan Gakkaiho , Volume: 95 Issue: 1 2024 Jan-Dec
Authors Chen HW,Yu YH

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

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

Lactocaseibacillus 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

Prebiotic galactooligosaccharide improves piglet growth performance and intestinal health associated with alterations of the hindgut microbiota during the peri-weaning period.

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

Authors Boston TE,Wang F,Lin X,Kim SW,Fellner V,Scott MF,Ziegler AL,Van Landeghem L,Blikslager AT,Odle J

A host-microbial metabolite interaction gut-on-a-chip model of the adult human intestine demonstrates beneficial effects upon inulin treatment of gut microbiome.

Microbiome research reports , Volume: 3 Issue: 2 2024

Authors Donkers JM,Wiese M,van den Broek TJ,Wierenga E,Agamennone V,Schuren F,van de Steeg E

Reduction in Serum Concentrations of Uremic Toxins Driven by Bifidobacterium Longum Subsp. Longum BL21 is Associated with Gut Microbiota Changes in a Rat Model of Chronic Kidney Disease.

Probiotics and antimicrobial proteins , 2024 Jun 3

Authors Dong Y,Gai Z,Han M,Xu J,Zou K

The ameliorative and neuroprotective effects of dietary fibre on hyperuricaemia mice: a perspective from microbiome and metabolome.

The British journal of nutrition , Volume: 132 Issue: 3 2024 Aug 14

Authors Wang Y,Miao F,Wang J,Zheng M,Yu F,Yi Y

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

Turmeric and curcumin as adjuncts in controlling Helicobacter pylori-associated diseases: a narrative review.

Letters in applied microbiology , Volume: 77 Issue: 6 2024 Jun 3

Authors Boyanova L,Medeiros J,Yordanov D,Gergova R,Markovska R

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

Bifidobacterium longum S3 alleviates loperamide-induced constipation by modulating intestinal acetic acid and stearic acid levels in mice.

Food & function , Volume: 15 Issue: 11 2024 Jun 4

Authors Zhang T,Lu H,Cheng T,Wang L,Wang G,Zhang H,Chen W

Elucidation of the beneficial role of co-fermented whole grain quinoa and black barley with Lactobacillus on rats fed a western-style diet via a multi-omics approach.

Food research international (Ottawa, Ont.) , Volume: 187 2024 Jul

Authors Lin ZH,Zhong LY,Jiang HB,Zhu C,Wei FF,Wu Y,Song LH

Inulin supplementation exhibits increased muscle mass via gut-muscle axis in children with obesity: double evidence from clinical and in vitro studies.

Scientific reports , Volume: 14 Issue: 1 2024 May 16

Authors Visuthranukul C,Leelahavanichkul A,Tepaamorndech S,Chamni S,Mekangkul E,Chomtho S

Impact of whole grain highland hull-less barley on the denaturing gradient gel electrophoresis profiles of gut microbial communities in rats fed high-fat diets.

Microbiology spectrum , Volume: 12 Issue: 6 2024 Jun 4

Authors Xia X,Lu J,Chen X,Zhou L,Huang Y,Ding S,Li G

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

A methyl esterase from *Bifidobacterium longum* subsp. *longum* reshapes the prebiotic properties of apple pectin by triggering differential modulatory capacity in faecal cultures.

Microbial biotechnology , Volume: 17 Issue: 5 2024 May

Authors Calvete-Torre I, Sabater C, Muñoz-Almagro N, Campelo AB, Moreno FJ, Margolles A, Ruiz L

An In Vitro Evaluation of the Effect of *Bifidobacterium longum* L556 on Microbiota Composition and Metabolic Properties in Patients with Coronary Heart Disease (CHD).

Probiotics and antimicrobial proteins , 2024 May 9

Authors Yang L, Wu Y, Zhao X, Liang T, Li L, Yang J, Jiang T, Zhang T, Zhang J, Zhong H, Xie X, Wu Q

Impact of medication dosage on *Helicobacter pylori* eradication rates among pediatric patients.

Journal of pediatric gastroenterology and nutrition , Volume: 79 Issue: 1 2024 Jul

Authors Andrews C, Herzlinger M, Riaz M, Liu E, Chan C, Bonilla S

Bifidobacterium longum K5 Prevents Enterohaemorrhagic *Escherichia coli* O157:H7 Infection in Mice through the Modulation of the Gut Microbiota.

Nutrients , Volume: 16 Issue: 8 2024 Apr 13

Authors Liu D, Li C, Cao T, Lv X, Yue Y, Li S, Cheng Y, Liu F, Huo G, Li B

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, Huszcza E, Poplonski J, Villar CJ, Lombó F

In Vitro Fermentation Shows Polyphenol and Fiber Blends Have an Additive Beneficial Effect on Gut Microbiota States.

Nutrients , Volume: 16 Issue: 8 2024 Apr 13

Authors Whitman JA, Doherty LA, Pantoja-Feliciano de Goodfellow IG, Racicot K, Anderson DJ, Kensil K, Karl JP, Gibson GR, Soares JW

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

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

Inulin has a beneficial effect by modulating the intestinal microbiome in a BALB/c mouse model.

Beneficial microbes , Volume: 14 Issue: 4 2023 Sep 1

Authors Zhu Z, Hu C, Liu Y, Wang F, Zhu B

Polygonatum kingianum Polysaccharides Enhance the Preventive Efficacy of Heat-Inactivated *Limosilactobacillus reuteri* WX-94 against High-Fat-High-Sucrose-Induced Liver Injury and Gut Dysbacteriosis.

Journal of agricultural and food chemistry , Volume: 72 Issue: 17 2024 May 1

Authors Liu T, Zhou L, Li X, Song W, Liu Y, Wu S, Wang P, Dai X, Shi L

When simplicity triumphs: niche specialization of gut bacteria exists even for simple fiber structures.

ISME communications , Volume: 4 Issue: 1 2024 Jan

Authors Xu H, Pudlo NA, Cantu-Jungles TM, Tuncil YE, Nie X, Kaur A, Reuhs BL, Martens EC, Hamaker BR

The impact of *Lactobacillus 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

Longitudinal Microbiome Changes in Children Exposed to Proton Pump Inhibitors.

Clinical and translational gastroenterology , Volume: 15 Issue: 9 2024 Sep 1

Authors Zhang YJ, Conneaney 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

Lactobacillus paracasei 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 inulin, galacto-oligosaccharides, and polyphenols on the gut microbiota, with a focus on *Akkermansia muciniphila*.

Food & function , Volume: 15 Issue: 9 2024 May 7

Authors Tian R, Yu L, Tian F, Zhao J, Chen W, Zhai Q

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

Bacillus subtilis HW2 enhances growth performance and alleviates gut injury via attenuation of endoplasmic reticulum stress and regulation of gut microbiota in broilers under necrotic enteritis challenge.

Poultry science , Volume: 103 Issue: 5 2024 May

Authors Chen P,Lv H,Du M,Liu W,Che C,Zhao J,Liu H

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

Predictors of Successful First-Line Helicobacter pylori Eradication with Fluoroquinolones in Pakistan: A Prospective Exploration of Demographic and Clinical Factors.

Antibiotics (Basel, Switzerland) , Volume: 13 Issue: 3 2024 Feb 23

Authors Khadim S,Muhammad IN,Alam T,Usman S,Rehman H,Haider S

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

Inulin protects against the harmful effects of dietary emulsifiers on mice gut microbiome.

PeerJ , Volume: 12 2024

Authors Bekar C,Ozmen O,Ozkul C,Ayaz A

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

Mannan-oligosaccharides promote gut microecological recovery after antibiotic disturbance.

Food & function , Volume: 15 Issue: 7 2024 Apr 2

Authors Chen J,Yin J,Xie H,Lu W,Wang H,Zhao J,Zhu J

Anti-inflammatory probiotics HF05 and HF06 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

Bifidobacterium longum GL001 alleviates rat intestinal ischemia-reperfusion injury by modulating gut microbiota composition and intestinal tissue metabolism.

Food & function , Volume: 15 Issue: 7 2024 Apr 2

Authors Tang J,Zhao M,Miao X,Chen H,Zhao B,Wang Y,Guo Y,Wang T,Cheng X,Ruan H,Zhang J

Prebiotic inulin ameliorates SARS-CoV-2 infection in hamsters by modulating the gut microbiome.

NPJ science of food , Volume: 8 Issue: 1 2024 Mar 14

Authors Song I,Yang J,Saito M,Hartanto T,Nakayama Y,Ichinohe T,Fukuda S

Targeting Gut Microbiome With Prebiotic in Patients With CKD: The TarGut-CKD Study.

Kidney international reports , Volume: 9 Issue: 3 2024 Mar

Authors Sohn MB,Gao B,Kendrick C,Srivastava A,Isakova T,Gassman JJ,Fried LF,Wolf M,Cheung AK,Raphael KL,Vinales

PC,Middleton JP,Pabalan A,Raj DS,Pilot Studies in CKD Consortium

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

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

Screening competition and cross-feeding interactions during utilization of human milk oligosaccharides by gut microbes.

Microbiome research reports , Volume: 3 Issue: 1 2024

Authors Díaz R, Garrido D

[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, Gagnéux P, Richard V, Guay V, Roy D, Desjardins Y

[The antimicrobial effect of *Limosilactobacillus reuteri* as probiotic on oral bacteria: A scoping review.](#)

F1000Research, Volume: 12 2023

Authors Ananda N, Suniarti DF, Bachtiar EW

[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

[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- \$\kappa\$ 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

[Impact of Whey Protein Corona Formation around TiO₂\(2\) Nanoparticles on Their Physicochemical Properties and Gastrointestinal Fate.](#)

Journal of agricultural and food chemistry, Volume: 72 Issue: 9 2024 Mar 6

Authors Shan H, Guo Y, Li J, Liu Z, Chen S, Dashnyam B, McClements DJ, Cao C, Xu X, Yuan B

[Lactobacillus 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

[Bacillus subtilis Induces Human Beta Defensin-2 Through its Lipoproteins in Human Intestinal Epithelial Cells.](#)

Probiotics and antimicrobial proteins, 2024 Feb 20

Authors So YJ, Park QJ, Kwon Y, Im J, Lee D, Yun SH, Cho K, Yun CH, Han SH

[Inulin alters gut microbiota to alleviate post-stroke depressive-like behavior associated with the IGF-1-mediated MAPK signaling pathway.](#)

Brain and behavior, Volume: 14 Issue: 1 2024 Jan

Authors Shao R, Tan X, Pan M, Huang J, Huang L, Bi B, Huang X, Wang J, Li X

[Dietary probiotic Lactobacillus 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, Ji 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

[High colonisation by probiotic Escherichia coli A0 34/86 strain is associated with a less diverse microbiome related to children's age.](#)

Beneficial microbes, Volume: 15 Issue: 1 2024 Jan 23

Authors Micenková L, Brodi Ková K, Smetanová S, Bosák J, Šmajs D, Andrla P, Budinská E

[Effects of Oat \$\beta\$ -Glucan and Inulin on Alleviation of Nonalcoholic Steatohepatitis Aggravated by Circadian Disruption in C57BL/6J Mice.](#)

Journal of agricultural and food chemistry, Volume: 72 Issue: 7 2024 Feb 21

Authors Kei N, Cheung KK, Ma KL, Yau TK, Lauw S, Wong VWS, You L, Cheung PCK

[Anti-Diabetic Potentials of Lactobacillus Strains by Modulating Gut Microbiota Structure and \$\beta\$ -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

[Effect of Lactobacillus paracasei K56 with galactooligosaccharide synbiotics on obese individuals: an in vitro fermentation model.](#)

Journal of the science of food and agriculture, Volume: 104 Issue: 9 2024 Jul

Authors Zhang Q, Zhao W, He J, He J, Shi S, Sun M, Niu X, Zeng Z, Zhao Y, Zhang Y, Wang P, Li Y, Zhang C, Duan S, Hung WL, Wang R

[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

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,Pelvé E,Brunius C,Halkjær J,Tjønneland A,Johansson I,Landberg R

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

Enhancing immune response, antioxidant capacity, and gut health in growing beagles through a chitooligosaccharide diet.**Frontiers in veterinary science** , Volume: 10 2023

Authors Cheng G,Hu T,Zeng Y,Yan L,Liu Y,Wang Y,Xia J,Dong H,Chen D,Cheng T,Peng G,Zhang L

Dietary Bacillus spp. supplementation to both sow and progenies improved post-weaning growth rate, gut function, and reduce the pro-inflammatory cytokine production in weaners challenged with Escherichia coli K88.**Animal microbiome** , Volume: 6 Issue: 1 2024 Jan 24

Authors Sampath V,Cho S,Jeong J,Mun S,Lee CH,Hermes RG,Taechavasonyoo A,Smeets N,Kirwan S,Han K,Kim IH

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

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

Wheat Bran Polyphenols Ameliorate DSS-Induced Ulcerative Colitis in Mice by Suppressing MAPK/NF- κ B Inflammasome 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

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

Effect of Lactobacillus plantarum ZFM4 in Helicobacter pylori-infected C57BL/6 mice: prevention is better than cure.**Frontiers in cellular and infection microbiology** , Volume: 13 2023

Authors Yu YY,Wu LY,Sun X,Gu Q,Zhou QQ

Lactobacillus reuteri derived from horse alleviates Escherichia coli-induced diarrhea by modulating gut microbiota.**Microbial pathogenesis** , Volume: 188 2024 Mar

Authors Wang D,Zeng J,Wujin C,Ullah Q,Su Z

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

Dietary inulin alleviated constipation induced depression and anxiety-like behaviors: Involvement of gut microbiota and microbial metabolite short-chain fatty acid.

International journal of biological macromolecules , Volume: 259 Issue: Pt 2 2024 Feb

Authors Zou H,Gao H,Liu Y,Zhang Z,Zhao J,Wang W,Ren B,Tan X

Safety Assessment and Probiotic Potential Comparison of Bifidobacterium longum subsp. infantis BLI-02, Lactobacillus plantarum LPL28, Lactobacillus acidophilus TYCA06, and Lactobacillus paracasei ET-66.

Nutrients , Volume: 16 Issue: 1 2023 Dec 29

Authors Chen JF,Hsia KC,Kuo YW,Chen SH,Huang YY,Li CM,Hsu YC,Tsai SY,Ho HH

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

Lactobacillus reuteri inhibits Staphylococcus aureus-induced mastitis by regulating oxytocin releasing and gut microbiota in mice.

FASEB journal : official publication of the Federation of American Societies for Experimental Biology , Volume: 38 Issue: 2 2024 Jan 31

Authors He Z,Li W,Yuan W,He Y,Xu J,Yuan C,Zhao C,Zhang N,Fu Y,Hu X

Highland barley β -glucan supplementation attenuated hepatic lipid accumulation in Western diet-induced non-alcoholic fatty liver disease mice by modulating gut microbiota.

Food & function , Volume: 15 Issue: 3 2024 Feb 5

Authors Liu H,Nie C,Hu X,Li 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

Bifidobacterium longum SX-1326 ameliorates gastrointestinal toxicity after irinotecan chemotherapy via modulating the P53 signaling pathway and brain-gut axis.

BMC microbiology , Volume: 24 Issue: 1 2024 Jan 3

Authors Yue F,Zeng X,Wang Y,Fang Y,Yue M,Zhao X,Zhu R,Zeng Q,Wei J,Chen T

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

Relationships between diet and gut microbiome in an Italian and Dutch cohort: does the dietary protein to fiber ratio play a role?

European journal of nutrition , Volume: 63 Issue: 3 2024 Apr

Authors Tagliamonte S,Puhlmann ML,De Filippis F,Guerville M,Ercolini D,Vitaglione P

Oat-based postbiotics ameliorate high-sucrose induced liver injury and colitis susceptibility by modulating fatty acids metabolism and gut microbiota.

The Journal of nutritional biochemistry , Volume: 125 2024 Mar

Authors Song W,Wen R,Liu T,Zhou L,Wang G,Dai X,Shi L

Sulforaphane and Sulforaphane-Nitrile Metabolism in Humans Following Broccoli Sprout Consumption: Inter-individual Variation, Association with Gut Microbiome Composition, and Differential Bioactivity.

Molecular nutrition & food research , Volume: 68 Issue: 4 2024 Feb

Authors Bouranis JA,Beaver LM,Wong CP,Choi J,Hamer S,Davis EW,Brown KS,Jiang D,Sharpton TJ,Stevens JF,Ho E

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

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

A synbiotic formulation of Lactobacillus reuteri and inulin alleviates ASD-like behaviors in a mouse model: the mediating role of the gut-brain axis.

Food & function , Volume: 15 Issue: 1 2024 Jan 2

Authors Wang C,Chen W,Jiang Y,Xiao X,Zou Q,Liang J,Zhao Y,Wang Q,Yuan T,Guo R,Liu X,Liu Z

[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

[Identification of inulin-responsive bacteria in the gut microbiota via multi-modal activity-based sorting.](#)

Nature communications , Volume: 14 Issue: 1 2023 Dec 14

Authors Riva A,Rasoulimehrabani H,Cruz-Rubio JM,Schnorr SL,von Baeckmann C,Inan D,Nikolov G,Herbold CW,Hausmann B,Pjevac P,Schintlmeister A,Spittler A,Palatinszky M,Kadunic A,Hieger N,Del Favero G,von Bergen M,Jehmlich N,Watzka M,Lee KS,Wiesenbauer J,Khadem S,Viernstein H,Stocker R,Wagner M,Kaiser C,Richter A,Kleitz F,Berry D

[Kale improves bowel movements in constipated women and affects some intestinal microbes and metabolites: a pilot study.](#)

Frontiers in nutrition , Volume: 10 2023

Authors Nishimoto Y,Salim F,Yamauchi Y,Mori Y,Murakami S,Suzuki A,Fukuda S,Yamada T

[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

[Anti-allergic effects of Ulva-derived polysaccharides, oligosaccharides and residues in a murine model of food allergy.](#)

Heliyon , Volume: 9 Issue: 12 2023 Dec

Authors Ou JY,Wei YJ,Liu FL,Huang CH

[Bacillus subtilis JATP-3 Improves Nitrogen Metabolism by Regulating Intestinal Flora and AKG in Weaned Piglets.](#)

Probiotics and antimicrobial proteins , Volume: 17 Issue: 3 2025 Jun

Authors He F,Jin X,Sun K,Zhao L,Yang W,Zhang X,Dong X,Zhao Y,Pan L,Bao N,Sun H

[Effects of Dietary Level of Corn Bran on Laying Performance and Cecum Microbial Communities in Laying Ducks.](#)

Animals : an open access journal from MDPI , Volume: 13 Issue: 23 2023 Nov 30

Authors Hou J,Zeng Q,Ding X,Bai S,Wang J,Peng H,Lv L,Xuan Y,Zeng T,Tian Y,Lu L,Zhang K

[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

[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- \$\kappa\$ 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

[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

[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

[Influence of Sex and a High-Fiber Diet on the Gut Microbiome of Alentejano Pigs Raised to Heavy Weights.](#)

Veterinary sciences , Volume: 10 Issue: 11 2023 Nov 2

Authors Albuquerque A,Garrido N,Charneca R,Egas C,Martin L,Ramos A,Costa F,Marmelo C,Martins JM

[Gut microbiome supplementation as therapy for metabolic syndrome.](#)

World journal of diabetes , Volume: 14 Issue: 10 2023 Oct 15

Authors Antony MA,Chowdhury A,Edem D,Raj R,Nain P,Joglekar M,Verma V,Kant R

[Inulin prebiotic ameliorates type 1 diabetes dictating regulatory T cell homing via CCR4 to pancreatic islets and butyrogenic gut microbiota in murine model.](#)

Journal of leukocyte biology , Volume: 115 Issue: 3 2024 Feb 23

Authors Guimarães JB,Rodrigues VF,Pereira ÍS,Manso GMDC,Elias-Oliveira J,Leite JA,Waldetario MCGM,de Oliveira S,Gomes ABDSP,Faria AMC,Ramos SG,Bonato VLD,Silva JS,Vinolo MAR,Sampaio UM,Clerici MTPS,Carlos D

[Utilization of diverse oligosaccharides for growth by Bifidobacterium and Lactobacillus species and their in vitro co-cultivation characteristics.](#)

International microbiology : the official journal of the Spanish Society for Microbiology , 2023 Nov 9

Authors Dong Y,Han M,Fei T,Liu H,Gai Z

Early life exposure to broccoli sprouts confers stronger protection against enterocolitis development in an immunological mouse model of inflammatory bowel disease.

mSystems , Volume: 8 Issue: 6 2023 Dec 21

Authors Holcomb L,Holman JM,Hurd M,Lavoie B,Colucci L,Hunt B,Hunt T,Kinney M,Pathak J,Mawe GM,Moses PL,Perry E,Stratigakis A,Zhang T,Chen G,Ishaq SL,Li Y

Bifidobacterium longum subsp. longum BL21 Ameliorates Alcoholic Liver Disease in Mice Through Enhancement of the Hepatic Antioxidant Capacity and Modulation of the Gut Microbiota.

Journal of applied microbiology , 2023 Oct 31

Authors Dong Y,Wu Z,Gai Z,Han M

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

High-fibre diets regulate antioxidative capacity and promote intestinal health by regulating bacterial microbiota in growing pigs.

Journal of animal physiology and animal nutrition , Volume: 108 Issue: 2 2024 Mar

Authors Li Z,Zhao Y,Wang H,Zhang W,Zhang C,Xie J,Ma X

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

Pectic oligosaccharides ameliorate high-fat diet-induced obesity and hepatic steatosis in association with modulating gut microbiota in mice.

Food & function , Volume: 14 Issue: 21 2023 Oct 30

Authors Yu S,Wang H,Cui L,Wang J,Zhang Z,Wu Z,Lin X,He N,Zou Y,Li S

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

Whole-Grain Highland Barley Attenuates Atherosclerosis Associated with NLRP3 Inflammasome Pathway and Gut Microbiota in ApoE(-/-) Mice.

Nutrients , Volume: 15 Issue: 19 2023 Sep 28

Authors Wu T,Yu Q,Luo Y,Dai Z,Zhang Y,Wang C,Shen Q,Xue Y

Ameliorating Effects of Bifidobacterium longum subsp. infantis FB3-14 against High-Fat-Diet-Induced Obesity and Gut Microbiota Disorder.

Nutrients , Volume: 15 Issue: 19 2023 Sep 22

Authors Kou R,Wang J,Li A,Wang Y,Zhang B,Liu J,Sun Y,Wang S

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

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

Highland barley attenuates high fat and cholesterol diet induced hyperlipidemia in mice revealed by 16S rRNA gene sequencing and untargeted metabolomics.

Life sciences , Volume: 334 2023 Dec 1

Authors Li X,Wang L

Effects of alcohol on the symptoms of gouty arthritis and taxonomic structure of gut microbiota in C57BL/6 mice.

Frontiers in microbiology , Volume: 14 2023

Authors Feng Y,Sun H,Zhu R,Tao J,Su R,Sun Y,Wang D

[Functional proteins in breast milk and their correlation with the development of the infant gut microbiota: a study of mother-infant pairs.](#)**Frontiers in microbiology** , Volume: 14 2023

Authors Xi M,Liang D,Yan Y,Duan S,Leng H,Yang H,Shi X,Na X,Yang Y,Yang C,Szeto IM,Zhao A

[Effects of Dietary Bacillus subtilis HC6 on Growth Performance, Antioxidant Capacity, Immunity, and Intestinal Health in Broilers.](#)**Animals : an open access journal from MDPI** , Volume: 13 Issue: 18 2023 Sep 14

Authors Liu S,Xiao G,Wang Q,Zhang Q,Tian J,Li W,Gong L

[Combined oral intake of short and long fructans alters the gut microbiota in food allergy model mice and contributes to food allergy prevention.](#)**BMC microbiology** , Volume: 23 Issue: 1 2023 Sep 22

Authors Takahashi H,Fujii T,Yamakawa S,Yamada C,Fujiki K,Kondo N,Funasaka K,Hirooka Y,Tochio T

[Effect of Probiotic Supplementation on the Gut Microbiota Composition of Infants Delivered by Cesarean Section: An Exploratory, Randomized, Open-label, Parallel-controlled Trial.](#)**Current microbiology** , Volume: 80 Issue: 11 2023 Sep 15

Authors Gong Y,Zhong H,Wang J,Wang X,Huang L,Zou Y,Qin H,Yang R

[Gut microbial change after administration of Lactocaseibacillus 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

[Steamed broccoli sprouts alleviate DSS-induced inflammation and retain gut microbial biogeography in mice.](#)**mSystems** , Volume: 8 Issue: 5 2023 Oct 26

Authors Holman JM,Colucci L,Baudewyns D,Balkan J,Hunt T,Hunt B,Kinney M,Holcomb L,Stratigakis A,Chen G,Moses PL,Mawe GM,Zhang T,Li Y,Ishaq SL

[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- \$\kappa\$ B \(NF- \$\kappa\$ B\) Signaling Pathways.](#)**Food science of animal resources** , Volume: 43 Issue: 5 2023 Sep

Authors Choi YH,Kim BS,Kang SS

[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

[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

[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

[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

[Immunomodulatory effects of inulin and its intestinal metabolites.](#)**Frontiers in immunology** , Volume: 14 2023

Authors Sheng W, Ji G, Zhang L

[Relationship between Oat Consumption, Gut Microbiota Modulation, and Short-Chain Fatty Acid Synthesis: An Integrative Review.](#)**Nutrients** , Volume: 15 Issue: 16 2023 Aug 11

Authors Fabiano GA,Shinn LM,Antunes AEC

[Probiotic containing Lactobacillus reuteri DSM 17648 as an adjunct treatment for Helicobacter pylori infection: A](#)

randomized, double-blind, placebo-controlled trial.

Helicobacter , Volume: 28 Issue: 6 2023 Dec

Authors Ismail NI,Nawawi KNM,Hsin DCC,Hao KW,Mahmood NRKN,Chearn GLC,Wong Z,Tamil AM,Joseph H,Raja Ali RA

Types of fiber and gut microbiota composition and diversity among arab females.

Saudi journal of biological sciences , Volume: 30 Issue: 9 2023 Sep

Authors Aljuraiban GS,Algabsani SS,Sabico S,AlShammari S,Aljazairy EA,Al-Musharaf S

Probiotic Bacillus subtilis contributes to the modulation of gut microbiota and blood metabolic profile of hosts.

Comparative biochemistry and physiology. Toxicology & pharmacology : CBP , Volume: 272 2023 Oct

Authors Li G,Tong Y,Xiao Y,Huang S,Zhao T,Xia X

The Protective Effect of Broccoli Seed Extract against Lipopolysaccharide-Induced Acute Liver Injury via Gut Microbiota

Modulation and Sulfuraphane Production in Mice.

Foods (Basel, Switzerland) , Volume: 12 Issue: 14 2023 Jul 21

Authors Mao B,Ren B,Wu J,Tang X,Zhang Q,Zhao J,Zhang L,Chen W,Cui S

Inhibitory activity of Limosilactobacillus reuteri isolated from camel milk against Helicobacter pylori effects in human gastric epithelial cells.

Biotechnology and applied biochemistry , Volume: 70 Issue: 6 2023 Dec

Authors Nia FF,Ghasemi A,Saeidi J,Mohtashami M

Alterations of gut microbiome and metabolism induced by inulin associated with weight loss in obese female mice.

International journal of food sciences and nutrition , Volume: 74 Issue: 5 2023 Sep

Authors Wu Z,Zhang M,Deng Y,Zhou G,Yang M,Wang H

The anti-hyperlipidemic effect and underlying mechanisms of barley (Hordeum vulgare L.) grass polysaccharides in mice induced by a high-fat diet.

Food & function , 2023 Jul 14

Authors Yan JK,Chen TT,Li LQ,Liu F,Liu X,Li L

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

Short-Term Dietary Intervention with Whole Oats Protects from Antibiotic-Induced Dysbiosis.

Microbiology spectrum , Volume: 11 Issue: 4 2023 Aug 17

Authors Costa SK,Antosca K,Beekman CN,Peterson RL,Penumutthu S,Belenky P

Effects of whole-grain cereals on fecal microbiota and short-chain fatty acids in dogs: a comparison of rye, oats and wheat.

Scientific reports , Volume: 13 Issue: 1 2023 Jul 5

Authors Palmqvist H,Höglund K,Ringmark S,Lundh T,Dicksved J

Dietary Prebiotic Oligosaccharides and Arachidonate Alter the Fecal Microbiota and Mucosal Lipid Composition of Suckling Pigs.

The Journal of nutrition , 2023 Jun 20

Authors Eudy BJ,Odle J,Lin X,Maltecca C,Walter KR,McNulty NP,Fellner V,Jacobi SK

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

Effects of liposoluble components of highland barley spent grains on physiological indexes, intestinal microorganisms, and the liver transcriptome in mice fed a high-fat diet.

Food science & nutrition , Volume: 11 Issue: 6 2023 Jun

Authors Zhang J,Luo Y,Feng S,Sun W,Li S,Kong L

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

Characteristic Gut Bacteria in High Barley Consuming Japanese Individuals without Hypertension.

Microorganisms , Volume: 11 Issue: 5 2023 May 9

Authors Maruyama S,Matsuoka T,Hosomi K,Park J,Nishimura M,Murakami H,Konishi K,Miyachi M,Kawashima H,Mizuguchi K,Kobayashi T,Ooka T,Yamagata Z,Kunisawa J

In vitro simulated fecal fermentation of mixed grains on short-chain fatty acid generation and its metabolized mechanism.

Food research international (Ottawa, Ont.) , Volume: 170 2023 Aug

Authors Xu L,Yu Q,Ma L,Su T,Zhang D,Yao D,Li Z

A gluten degrading probiotic *Bacillus subtilis* LZU-GM relieve adverse effect of gluten additive food and balances gut microbiota in mice.

Food research international (Ottawa, Ont.) , Volume: 170 2023 Aug

Authors Khan A,Li S,Han H,Jin WL,Ling Z,Ji J,Iram S,Liu P,Xiao S,Salama ES,Li X

Steamed broccoli sprouts alleviate DSS-induced inflammation and retain gut microbial biogeography in mice.

bioRxiv : the preprint server for biology , 2023 May 23

Authors Holman JM,Colucci L,Baudewyns D,Balkan J,Hunt T,Hunt B,Kinney M,Holcomb L,Chen G,Moses PL,Mawe GM,Zhang T,Li Y,Ishaq SL

Bifidobacterium bifidum E3 Combined with Bifidobacterium longum subsp. infantis E4 Improves LPS-Induced Intestinal Injury by Inhibiting the TLR4/NF- κ B and MAPK Signaling Pathways In Vivo.

Journal of agricultural and food chemistry , Volume: 71 Issue: 23 2023 Jun 14

Authors Yue Y,Wang Y,Xie Q,Lv X,Zhou L,Smith EE,Cao T,Zhang Y,Li B,Huo G,Ma W

Heat-Killed Bifidobacterium longum BBMN68 in Pasteurized Yogurt Alleviates Mugwort Pollen-Induced Allergic Airway Responses through Gut Microbiota Modulation in a Murine Model.

Foods (Basel, Switzerland) , Volume: 12 Issue: 10 2023 May 19

Authors Niu X,Yin X,Wu X,Zhang Q,Jiang Y,He J,Zhao Y,Zhang C,Ren Y,Lai M,Sang Y,Wang R

Dietary Fiber from Navel Orange Peel Prepared by Enzymatic and Ultrasound-Assisted Deep Eutectic Solvents: Physicochemical and Prebiotic Properties.

Foods (Basel, Switzerland) , Volume: 12 Issue: 10 2023 May 16

Authors Zhou L,Luo J,Xie Q,Huang L,Shen D,Li G

Selenium-enriched Bifidobacterium longum DD98 relieves irritable bowel syndrome induced by chronic unpredictable mild stress in mice.

Food & function , Volume: 14 Issue: 11 2023 Jun 6

Authors Jin X,Hu Y,Lin T,Gao F,Xu Z,Hou X,Yin Y,Kan S,Zhu H,Chen D

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

Supplementation with inulin-type fructans affects gut microbiota and attenuates some of the cardiometabolic benefits of a plant-based diet in individuals with overweight or obesity.

Frontiers in nutrition , Volume: 10 2023

Authors Aldubayan MA,Mao X,Laursen MF,Pigsborg K,Christensen LH,Roager HM,Nielsen DS,Hjorth MF,Magkos F

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

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

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

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

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 an inulin fiber diet on the gut microbiome, colon, and inflammatory biomarkers in aged mice.

Experimental gerontology , Volume: 176 2023 Jun 1

Authors Hutchinson NT,Wang SS,Rund LA,Caetano-Silva ME,Allen JM,Johnson RW,Woods JA

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

Exploring the Potential of Lactobacillus helveticus R0052 and Bifidobacterium longum R0175 as Promising Psychobiotics Using SHIME.**Nutrients** , Volume: 15 Issue: 6 2023 Mar 21

Authors De Oliveira FL,Salgaço MK,de Oliveira MT,Mesa V,Sartoratto A,Peregrino AM,Ramos WS,Sivieri K

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

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

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

The Probiotic Combination of Lactocaseibacillus paracasei JY062 and Lactobacillus gasseri JM1 Alleviates Gastrointestinal Motility Disorder via Improving Gut Microbiota.**Nutrients** , Volume: 15 Issue: 4 2023 Feb 7

Authors Cheng S,Li H,Ding Y,Huo J,Zheng Y,Jiang Y,Zhang Y,Man C

Bioaccessibility and Bioavailability of Diet Polyphenols and Their Modulation of Gut Microbiota.**International journal of molecular sciences** , Volume: 24 Issue: 4 2023 Feb 14

Authors Lippolis T,Cofano M,Caponio GR,De Nunzio V,Notarnicola M

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

The Dietary Fermentable Fiber Inulin Alters the Intestinal Microbiome and Improves Chronic Kidney Disease Mineral-Bone Disorder in a Rat Model of CKD.**bioRxiv : the preprint server for biology** , 2023 Jan 31

Authors Biruete A,Chen NX,Metzger CE,Srinivasan S,Oâ Neill K,Fallen PB,Fonseca A,Wilson HE,de Loor H,Evenepoel P,Swanson KS,Allen MR,Moe SM

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

Inulin supplementation prior to mild traumatic brain injury mitigates gut dysbiosis, and brain vascular and white matter deficits in mice.**Frontiers in microbiomes** , Volume: 1 2022

Authors Yancello LM,Chang YH,Sun M,Chlipala G,Green SJ,Lei Z,Ericsson AC,Xing X,Hammond TC,Bachstetter AD,Lin AL

The effect of Bacillus subtilis and its delivery route on hatch and growth performance, blood biochemistry, immune status, gut morphology, and microbiota of broiler chickens.**Poultry science** , Volume: 102 Issue: 4 2023 Apr

Authors Oladokun S,Adewole D

Comparative study between two different morphological structures based on polylactic acid, nanocellulose and magnetite for co-delivery of fluorouracil 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

[Red and White Meat Intake in Relation to Gut Flora in Obese and Non-Obese Arab Females.](#)

Foods (Basel, Switzerland) , Volume: 12 Issue: 2 2023 Jan 5

Authors Almajed J,Al-Musharaf S,Abudawood M,Sabico S,Aljazairy EA,Aljuraiban GS

[Modulatory Effect of Fermented Black Soybean and Adlay on Gut Microbiota Contributes to Healthy Aging.](#)

Molecular nutrition & food research , Volume: 67 Issue: 5 2023 Mar

Authors Koh YC,Kuo LH,Chang YY,Tung YC,Lo YC,Pan MH

[Modified cereal bran \(MCB\) from finger millet, kodo millet, and rice bran prevents high-fat diet-induced metabolic derangements.](#)

Food & function , Volume: 14 Issue: 3 2023 Feb 6

Authors Devi K,Kumar V,Kumar V,Mahajan N,Kaur J,Sharma S,Kumar A,Khan R,Bishnoi M,Kondepudi KK

[High-fat diet promotes the effect of fructo-oligosaccharides on the colonic luminal environment, including alkaline phosphatase activity in rats.](#)

Nutrition research (New York, N.Y.) , Volume: 110 2023 Feb

Authors Okazaki Y,Katayama T

[The high dose of inulin exacerbated food allergy through the excess accumulation of short-chain fatty acids in a BABL/c mouse model.](#)

International journal of biological macromolecules , Volume: 230 2023 Mar 1

Authors Xie Q,Mu K,Chen C,Gu S,Luo D,Fu W,Xue W

[Characterization of the Cafeteria Diet as Simulation of the Human Western Diet and Its Impact on the Lipidomic Profile and Gut Microbiota in Obese Rats.](#)

Nutrients , Volume: 15 Issue: 1 2022 Dec 24

Authors de la Garza AL,Martínez-Tamez AM,Mellado-Negrete A,Arjonilla-Becerra S,Peña-Vázquez GI,Marín-Obispo LM,Hernández-Brenes C

[Probiotic Bifidobacterium longum BB68S Improves Cognitive Functions in Healthy Older Adults: A Randomized, Double-Blind, Placebo-Controlled Trial.](#)

Nutrients , Volume: 15 Issue: 1 2022 Dec 22

Authors Shi S,Zhang Q,Sang Y,Ge S,Wang Q,Wang R,He J

[Inulin intervention attenuates hepatic steatosis in rats via modulating gut microbiota and maintaining intestinal barrier function.](#)

Food research international (Ottawa, Ont.) , Volume: 163 2023 Jan

Authors Yang Z,Su H,Lv Y,Tao H,Jiang Y,Ni Z,Peng L,Chen X

[Diet-rich in wheat bran modulates tryptophan metabolism and AhR/IL-22 signalling mediated metabolic health and gut dysbacteriosis: A novel prebiotic-like activity of wheat bran.](#)

Food research international (Ottawa, Ont.) , Volume: 163 2023 Jan

Authors Yan T,Shi L,Liu T,Zhang X,Yang M,Peng W,Sun X,Yan L,Dai X,Yang X

[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

[Differential reinforcement of intestinal barrier function by various Lactobacillus reuteri strains in mice with DSS-induced acute colitis.](#)

Life sciences , Volume: 314 2023 Feb 1

Authors Lin C,Zheng Y,Lu J,Zhang H,Wang G,Chen W

[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 Rodríguez DM,Hintze KJ,Rompato G,Wettere AJV,Ward RE,Phatak S,Neal C,Armbrust T,Stewart EC,Thomas AJ,Benninghoff AD

[Simulated Digestion and Fermentation In Vitro by Obese Human Gut Microbiota of Sulfuraphane from Broccoli Seeds.](#)

Foods (Basel, Switzerland) , Volume: 11 Issue: 24 2022 Dec 12

Authors Sun Y,Tang Z,Hao T,Qiu Z,Zhang B

[Intake of slow-digesting carbohydrates is related to changes in the microbiome and its functional pathways in growing rats](#)

with obesity induced by diet.

Frontiers in nutrition , Volume: 9 2022

Authors Plaza-Díaz J,Manzano M,Ruiz-Ojeda FJ,Giron MD,Salto R,López-Pedrosa JM,Santos-Fandila A,García-Corcoles MT,Rueda R,Gil Á

Effects of Polyphenols and Glucosinolates in Broccoli Extract on Human Gut Microorganisms Based on Simulation In Vitro.

ACS omega , Volume: 7 Issue: 49 2022 Dec 13

Authors Zhang Y,Jiang C,Huang S,Sun J,Song X,Nishanbaev SZ,Benito MJ,Wu Y

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

Broccoli seed extract rich in polysaccharides and glucoraphanin ameliorates DSS-induced colitis via intestinal barrier protection and gut microbiota modulation in mice.

Journal of the science of food and agriculture , Volume: 103 Issue: 4 2023 Mar 15

Authors Wu J,Guo W,Cui S,Tang X,Zhang Q,Lu W,Jin Y,Zhao J,Mao B,Chen W

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

Lactobacillus reuteri improves the development and maturation of fecal microbiota in piglets through mother-to-infant microbe and metabolite vertical transmission.

Microbiome , Volume: 10 Issue: 1 2022 Dec 2

Authors Wang G,Wang X, Ma Y,Cai S,Yang L,Fan Y,Zeng X,Qiao S

Assessment of the Gut Microbiota during Juice Fasting with and without Inulin Supplementation: A Feasibility Study in Healthy Volunteers.

Foods (Basel, Switzerland) , Volume: 11 Issue: 22 2022 Nov 16

Authors Thriene K,Stanislas V,Amend L,Strowig T,Michels KB

Response of gut microbiota and ileal transcriptome to inulin intervention in HFD induced obese mice.

International journal of biological macromolecules , Volume: 225 2023 Jan 15

Authors Zhang H,Zhang Y,Mu T,Cao J,Liu X,Yang X, Ren D,Zhao K

Diets enriched with finely ground wheat bran alter digesta passage rate and composition of the gut microbiome in sows.

Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 12 2023 Mar

Authors Wang Z,Wang W,Xu S,Ding J,Zeng X,Liu H,Wang F

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

Effects of Bacillus subtilis BSNK-5-Fermented Soymilk on the Gut Microbiota by In Vitro Fecal Fermentation.

Foods (Basel, Switzerland) , Volume: 11 Issue: 21 2022 Nov 3

Authors Gao Y,Hou L,Hu M,Li D,Tian Z,Wen W,Fan B,Li S,Wang F

Explainable Artificial Intelligence in the Early Diagnosis of Gastrointestinal Disease.

Diagnostics (Basel, Switzerland) , Volume: 12 Issue: 11 2022 Nov 9

Authors Lee KS, Kim ES

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

Molecular actions of different functional oligosaccharides on intestinal integrity, immune function and microbial community in weanling pigs.

Food & function , Volume: 13 Issue: 23 2022 Nov 28

Authors Gao H,Sun F,Lin G,Guo Y,Zhao J

Pear pomace soluble dietary fiber ameliorates the negative effects of high-fat diet in mice by regulating the gut microbiota and associated metabolites.

Frontiers in nutrition , Volume: 9 2022

Authors Ji Y,Mao K,Gao J,Chitrakar B,Sadiq FA,Wang Z,Wu J,Xu C,Sang Y

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

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

[A prospective randomized comparative study of the efficacy and safety of a two-week bismuth-based quadrotherapy of Helicobacter pylori infection with the inclusion of the probiotic containing Bifidobacterium longum BB-46 and Enterococcus faecium ENCfa-68].

Terapevticheskii arkhiv , Volume: 93 Issue: 8 2021 Aug 15

Authors Yakovenko EP,Strokova TV,Iakovenko AV,Ivanov AN,Soluyanov IP,Vasilyev NN

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

Inulin accelerates weight loss in obese mice by regulating gut microbiota and serum metabolites.

Frontiers in nutrition , Volume: 9 2022

Authors Wu Z,Du Z,Tian Y,Liu M,Zhu K,Zhao Y,Wang H

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

Dietary supplementation with low and high polymerization inulin ameliorates adipose tissue inflammation via the TLR4/NF- κ B pathway mediated by gut microbiota disturbance in obese dogs.

Research in veterinary science , Volume: 152 2022 Dec 20

Authors Lu J,Zhu D,Lu J,Liu J,Wu Z,Liu 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

Alginate hydrogel with enhanced curcumin release through HP β CD assisted host-guest interaction.

Biomaterials advances , Volume: 141 2022 Oct

Authors Mohammadi A,Sahabi M,Beigi-Boroujeni S,Abdolvand H,Makvand P,Pournaghshband Isfahani A,Gharibi R,Ebrahimibagha M

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

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

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

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

Bacillus subtilis M6 improves intestinal barrier, antioxidant capacity and gut microbial composition in AA broiler.

Frontiers in nutrition , Volume: 9 2022

Authors Ji L,Zhang L,Liu H,Shen J,Zhang Y,Lu L,Zhang X,Ma X

The antidiabetic effects of Bifidobacterium longum subsp. longum BL21 through regulating gut microbiota structure in type 2 diabetic mice.

Food & function , Volume: 13 Issue: 19 2022 Oct 3

Authors Hao J,Zhang Y,Wu T,Liu R,Sui W,Zhu J,Fang S,Geng J,Zhang M

Effects of Bacillus subtilis natto JLCC513 on gut microbiota and intestinal barrier function in obese rats.

Journal of applied microbiology , Volume: 133 Issue: 6 2022 Dec

Authors Sun R,Niu H,Sun M,Miao X,Jin X,Xu X,Yanping C,Mei H,Wang J,Da L,Su Y

Chicken Gut Microbiota Responses to Dietary *Bacillus subtilis* Probiotic in the Presence and Absence of *Eimeria* Infection.

Microorganisms , Volume: 10 Issue: 8 2022 Jul 31

Authors Memon FU,Yang Y,Zhang G,Leghari IH,Lv F,Wang Y,Laghari F,Khushk FA,Si H

Bifidobacterium longum CECT 7894 Improves the Efficacy of Infliximab for DSS-Induced Colitis via Regulating the Gut Microbiota and Bile Acid Metabolism.

Frontiers in pharmacology , Volume: 13 2022

Authors Xiao F,Dong F,Li X,Li Y,Yu G,Liu Z,Wang Y,Zhang T

Effects of short-term feeding with high fiber diets on growth, utilization of dietary fiber, and microbiota in pigs.

Frontiers in microbiology , Volume: 13 2022

Authors Pu G,Hou L,Du T,Wang B,Liu H,Li K,Niu P,Zhou W,Huang R,Li P

Reuterin Isolated from *Lactobacillus reuteri* Indonesian Strain Affected Interleukin-8 and Human Beta Defensin-2 on Pathogens Induced-HaCat Cells.

Tropical life sciences research , Volume: 33 Issue: 2 2022 Jul

Authors Widyarman AS,Bachtiar BM,Bahctiar EW

Antimicrobial Properties of Acrylic Resin Incorporated with Propolis Nanoparticles.

Frontiers in dentistry , Volume: 18 2021

Authors Arab S,Bahador A,Sodagar A,Pourhajibagher M,Akhavan A,Hafith AN,Pornamazeh T

Modified highland barley regulates lipid metabolism, liver inflammation and gut microbiota in high-fat/cholesterol diet mice as revealed by LC-MS based metabolomics.

Food & function , Volume: 13 Issue: 17 2022 Aug 30

Authors Li X,Du Y,Zhang C,Tu Z,Wang L

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

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

Metagenomic Changes of Gut Microbiota following Treatment of *Helicobacter pylori* Infection with a Simplified Low-Dose Quadruple Therapy with Bismuth or *Lactobacillus reuteri*.

Nutrients , Volume: 14 Issue: 14 2022 Jul 6

Authors Dore MP,Sau R,Niolu C,Abbondio M,Tanca A,Bibbò S,Loria M,Pes GM,Uzzau S

Gender-based effect of absence of gut microbiota on the protective efficacy of *Bifidobacterium longum*-fermented rice bran diet against inflammation-associated colon tumorigenesis.

Molecular carcinogenesis , Volume: 61 Issue: 10 2022 Oct

Authors Kumar R,Maurya AK,Parker KD,Kant R,Ibrahim H,Kabir MI,Kumar D,Weber AM,Agarwal R,Kuhn KA,Ryan EP,Raina K

Recombinant *Bifidobacterium longum* Carrying Endostatin Protein Alleviates Dextran Sodium Sulfate-Induced Colitis and Colon Cancer in Rats.

Frontiers in microbiology , Volume: 13 2022

Authors Bi Z,Cui E,Yao Y,Chang X,Wang X,Zhang Y,Xu GX,Zhuang H,Hua ZC

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

Effect of chicory-derived inulin-type fructans on abundance of *Bifidobacterium* and on bowel function: a systematic review with meta-analyses.

Critical reviews in food science and nutrition , Volume: 63 Issue: 33 2023 Nov

Authors Nagy DU,Sándor-Bajusz KA,Bódy B,Decsi T,Van Harsselaar J,Theis S,Lohner S

Effects of Oats, Tartary Buckwheat, and Foxtail Millet Supplementation on Lipid Metabolism, Oxido-Inflammatory Responses, Gut Microbiota, and Colonic SCFA Composition in High-Fat Diet Fed Rats.

Nutrients , Volume: 14 Issue: 13 2022 Jul 4

Authors Wang Y,Qi W,Guo X,Song G,Pang S,Fang W,Peng Z

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,Marunguang N,Kostiuchenko O,Kravchenko N,Burleigh S,Prykhodko O,Hållénus FF,Heyman-Lindén L

Functional Fiber Reduces Mice Obesity by Regulating Intestinal Microbiota.

Nutrients , Volume: 14 Issue: 13 2022 Jun 28

Authors Zhang M,Liu J,Li C,Gao J,Xu C,Wu X,Xu T,Cui C,Wei H,Peng J,Zheng R

The regulatory effect of fermented black barley on the gut microbiota and metabolic dysbiosis in mice exposed to cigarette smoke.

Food research international (Ottawa, Ont.) , Volume: 157 2022 Jul

Authors Zhong L,Qin L,Ding X,Ma L,Wang Y,Liu M,Chen H,Yan H,Song L

Arabinoxylan from rice bran protects mice against high-fat diet-induced obesity and metabolic inflammation by modulating gut microbiota and short-chain fatty acids.

Food & function , Volume: 13 Issue: 14 2022 Jul 18

Authors Luo S,He L,Zhang H,Li Z,Liu C,Chen T

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

Oral administration of octacosanol modulates the gut bacteria and protects the intestinal barrier in ulcerative colitis mice.

Journal of food biochemistry , Volume: 46 Issue: 10 2022 Oct

Authors Miao ST,Lu QS,Zhou YJ,Chang YN,Xu T,Zhu MY

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

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

Interaction between dietary fiber and bifidobacteria in promoting intestinal health.

Food chemistry , Volume: 393 2022 Nov 1

Authors Wang H,Huang X,Tan H,Chen X,Chen C,Nie S

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

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

Lactobacillus reuteri J1 prevents obesity by altering the gut microbiota and regulating bile acid metabolism in obese mice.

Food & function , Volume: 13 Issue: 12 2022 Jun 20

Authors Zhang C,Fang R,Lu X,Zhang Y,Yang M,Su Y,Jiang Y,Man C

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

Bifidobacterium longum CCFM752 prevented hypertension and aortic lesion, improved antioxidative ability, and regulated the gut microbiome in spontaneously hypertensive rats.

Food & function , Volume: 13 Issue: 11 2022 Jun 6

Authors Lu W,Wang Y,Fang Z,Wang H,Zhu J,Zhai Q,Zhao J,Zhang H,Chen 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

The Protective Effects of Inulin-Type Fructans Against High-Fat/Sucrose Diet-Induced Gestational Diabetes Mice in Association With Gut Microbiota Regulation.

Frontiers in microbiology , Volume: 13 2022

Authors Miao M,Wang Q,Wang X,Fan C,Luan T,Yan L,Zhang Y,Zeng X,Dai Y,Li P

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

Classification of the Occurrence of Dyslipidemia Based on Gut Bacteria Related to Barley Intake.

Frontiers in nutrition , Volume: 9 2022

Authors Maruyama S, Matsuoka T, Hosomi K, Park J, Nishimura M, Murakami H, Konishi K, Miyachi M, Kawashima H, Mizuguchi K, Kobayashi T, Ooka T, Yamagata Z, Kunisawa J

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

Effects of the potential probiotic Bacillus subtilis D1-2 on growth, digestion, immunity and intestinal flora in juvenile sea cucumber, Apostichopus japonicus.

Fish & shellfish immunology , Volume: 124 2022 May

Authors Wang M, Lv C, Chen Y, Bi X, Yang D, Zhao J

Lactobacillus reuteri CCFM8631 Alleviates Hypercholesterolaemia Caused by the Paigen Atherogenic Diet by Regulating the Gut Microbiota.

Nutrients , Volume: 14 Issue: 6 2022 Mar 17

Authors Wang Q, He Y, Li X, Zhang T, Liang M, Wang G, Zhao J, Zhang H, Chen W

Bacillus subtilis WB800N alleviates diabetic wounds in mice by regulating gut microbiota homeostasis and TLR2.

Journal of applied microbiology , Volume: 133 Issue: 2 2022 Aug

Authors Mi J, Xie C, Zeng L, Zhu Z, Chen N, He Q, Xu X, Xie H, Zhou J, Li L, Liao J

Relationships between barley consumption and gut microbiome characteristics in a healthy Japanese population: a cross-sectional study.

BMC nutrition , Volume: 8 Issue: 1 2022 Mar 14

Authors Matsuoka T, Hosomi K, Park J, Goto Y, Nishimura M, Maruyama S, Murakami H, Konishi K, Miyachi M, Kawashima H, Mizuguchi K, Kobayashi T, Yokomichi H, Kunisawa J, Yamagata Z

Different Alterations in Gut Microbiota between Bifidobacterium longum and Fecal Microbiota Transplantation Treatments in Propionic Acid Rat Model of Autism.

Nutrients , Volume: 14 Issue: 3 2022 Jan 30

Authors Abujamel TS, Al-Otaibi NM, Abuaish S, AlHarbi RH, Assas MB, Alzahrani SA, Alotaibi SM, El-Ansary A, Aabed K

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

Effects of drinking water supplementation with Lactobacillus reuteri, and a mixture of reuterin and microcin J25 on the growth performance, caecal microbiota and selected metabolites of broiler chickens.

Journal of animal science and biotechnology , Volume: 13 Issue: 1 2022 Mar 5

Authors Zhang L, Ben Said L, Hervé N, Zirah S, Diarra MS, Fliss I

Specific Gut Microbial Environment in Lard Diet-Induced Prostate Cancer Development and Progression.

International journal of molecular sciences , Volume: 23 Issue: 4 2022 Feb 17

Authors Sato H, Narita S, Ishida M, Takahashi Y, Mingguo H, Kashima S, Yamamoto R, Koizumi A, Nara T, Numakura K, Saito M, Yoshioka T, Habuchi T

Beneficial Effects of Partly Milled Highland Barley on the Prevention of High-Fat Diet-Induced Glycometabolic Disorder and the Modulation of Gut Microbiota in Mice.

Nutrients , Volume: 14 Issue: 4 2022 Feb 11

Authors Li S, Wang M, Li C, Meng Q, Meng Y, Ying J, Bai S, Shen Q, Xue Y

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

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

Different Effects of Lard and Vegetable Blend Oil on Intestinal Microorganisms, Enzyme Activity and Blood Routine in Mice.

Journal of oleo science , Volume: 71 Issue: 2 2022 Feb 3

Authors Qiao B, Li X, Zheng T, Tan Z

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

[A Synbiotic Formulation Comprising *Bacillus subtilis* DSM 32315 and L-Alanyl-L-Glutamine Improves Intestinal Butyrate Levels and Lipid Metabolism in Healthy Humans.](#)

Nutrients , Volume: 14 Issue: 1 2021 Dec 29

Authors Tom Dieck H, Schön C, Wagner T, Pankoke HC, Fluegel M, Speckmann B

[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

[The Prebiotic Effects of Oats on Blood Lipids, Gut Microbiota, and Short-Chain Fatty Acids in Mildly Hypercholesterolemic Subjects Compared With Rice: A Randomized, Controlled Trial.](#)

Frontiers in immunology , Volume: 12 2021

Authors Xu D, Feng M, Chu Y, Wang S, Shete V, Tuohy KM, Liu F, Zhou X, Kamil A, Pan D, Liu H, Yang X, Yang C, Zhu B, Lv N, Xiong Q, Wang X, Sun J, Sun G, Yang Y

[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

[Crosstalk between gut microbiota and host lipid metabolism in a mouse model of alcoholic liver injury by chronic baijiu or ethanol feeding.](#)

Food & function , Volume: 13 Issue: 2 2022 Jan 24

Authors Fang C, Zhou Q, Liu Q, Jia W, Xu Y

[Restoring an adequate dietary fiber intake by inulin supplementation: a pilot study showing an impact on gut microbiota and sociability in alcohol use disorder patients.](#)

Gut microbes , Volume: 14 Issue: 1 2022 Jan-Dec

Authors Amadieu C, Coste V, Neyrinck AM, Thijssen V, Leyrolle Q, Bindels LB, Piessevaux H, Stärkel P, de Timary P, Delzenne NM, Leclercq S

[Bifidobacterium longum subsp. longum 5^{1A} attenuates intestinal injury against irinotecan-induced mucositis in mice.](#)

Life sciences , Volume: 289 2022 Jan 15

Authors Quintanilha MF, Miranda VC, Souza RO, Gallotti B, Cruz C, Santos EA, Alvarez-Leite JJ, Jesus LCL, Azevedo V, Trindade LM, Cardoso VN, Ferreira E, Carvalho BA, Soares PMG, Vieira AT, Nicoli JR, Martins FS

[Effects of Dietary Supplementation With *Bacillus subtilis*, as an Alternative to Antibiotics, on Growth Performance, Serum Immunity, and Intestinal Health in Broiler Chickens.](#)

Frontiers in nutrition , Volume: 8 2021

Authors Qiu K, Li CL, Wang J, Qi GH, Gao J, Zhang HJ, Wu SG

[The relationship between human milk, a functional nutrient, and microbiota.](#)

Critical reviews in food science and nutrition , 2021 Dec 6

Authors Sakarya E, Sanlier NT, Sanlier N

[Fructooligosaccharides Increase in Plasma Concentration of \(-\)-Epigallocatechin-3-Gallate in Rats.](#)

Journal of agricultural and food chemistry , Volume: 69 Issue: 49 2021 Dec 15

Authors Unno T, Araki Y, Inagaki S, Kobayashi M, Ichitani M, Takiyama T, Kinugasa H

[Bacillus subtilis Attenuates Hepatic and Intestinal Injuries and Modulates Gut Microbiota and Gene Expression Profiles in Mice Infected with *Schistosoma japonicum*.](#)

Frontiers in cell and developmental biology , Volume: 9 2021

Authors Lin D, Song Q, Zhang Y, Liu J, Chen F, Du S, Xiang S, Wang L, Wu X, Sun X

[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

[Gut microbiome and metabolome in a non-human primate model of chronic excessive alcohol drinking.](#)

Translational psychiatry , Volume: 11 Issue: 1 2021 Dec 1

Authors Piacentino D, Grant-Beurmann S, Vizioli C, Li X, Moore CF, Ruiz-Rodado V, Lee MR, Joseph PV, Fraser CM, Weerts EM, Leggio L

[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

Chitooligosaccharides: Digestion characterization and effect of the degree of polymerization on gut microorganisms to manage the metabolome functional diversity in vitro.

Carbohydrate polymers , Volume: 275 2022 Jan 1

Authors Ji X,Zhu L,Chang K,Zhang R,Chen Y,Yin H,Jin J,Zhao L

Effect of organic acids-essential oils blend and oat fiber combination on broiler chicken growth performance, blood parameters, and intestinal health.

Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 7 Issue: 4 2021 Dec

Authors Adewole DI,Oludokun S,Santin E

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

Bifidobacterium catabolism of human milk oligosaccharides overrides endogenous competitive exclusion driving colonization and protection.

Gut microbes , Volume: 13 Issue: 1 2021 Jan-Dec

Authors Heiss BE,Ehrlich AM,Maldonado-Gomez MX,Taft DH,Larke JA,Goodson ML,Slupsky CM,Tancredi DJ,Raybould HE,Mills DA

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

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

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

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

Gut microbiota link dietary fiber intake and short-chain fatty acid metabolism with eating behavior.

Translational psychiatry , Volume: 11 Issue: 1 2021 Oct 1

Authors Medawar E,Haange SB,Rolle-Kampczyk U,Engelmann B,Dietrich A,Thieleking R,Wiegank C,Fries C,Horstmann A,Villringer A,von Bergen M,Fenske W,Veronica Witte A

Prebiotic Inulin Supplementation and Peripheral Insulin Sensitivity in adults at Elevated Risk for Type 2 Diabetes: A Pilot Randomized Controlled Trial.

Nutrients , Volume: 13 Issue: 9 2021 Sep 17

Authors Mitchell CM,Davy BM,Ponder MA,McMillan RP,Hughes MD,Hulver MW,Neilson AP,Davy KP

Bacillus pumilus and Bacillus subtilis Promote Early Maturation of Cecal Microbiota in Broiler Chickens.

Microorganisms , Volume: 9 Issue: 9 2021 Sep 7

Authors Bilal M,Achard C,Barbe F,Chevaux E,Ronholm J,Zhao X

Lactobacillus reuteri FYNLJ109L1 Attenuating Metabolic Syndrome in Mice via Gut Microbiota Modulation and Alleviating Inflammation.

Foods (Basel, Switzerland) , Volume: 10 Issue: 9 2021 Sep 2

Authors Yang B,Zheng F,Stanton C,Ross RP,Zhao J,Zhang H,Chen W

[Short-Chain Inulin Modulates the Cecal Microbiota Structure of Leptin Knockout Mice in High-Fat Diet.](#)

Frontiers in microbiology , Volume: 12 2021

Authors Feng Y,Feng J,Wang L,Meng A,Wei S,Cui J,Hu X,Yan L

[The Prebiotic Potential of Inulin-type Fructans: A Systematic Review.](#)

Advances in nutrition (Bethesda, Md.) , 2021 Sep 23

Authors Hughes RL,Alvarado DA,Swanson KS,Holscher HD

[Effects of Total Dietary Fiber on Cecal Microbial Community and Intestinal Morphology of Growing White Pekin Duck.](#)

Frontiers in microbiology , Volume: 12 2021

Authors Hao Y, Ji Z, Shen Z, Wu Y, Zhang B, Tang J, Hou S, Xie M

[Dietary and Pharmacologic Manipulations of Host Lipids and Their Interaction With the Gut Microbiome in Non-human Primates.](#)

Frontiers in medicine , Volume: 8 2021

Authors Lang JM,Sedgeman LR,Cai L,Layne JD,Wang Z,Pan C,Lee R,Temel RE,Lusis AJ

[Inulin-type prebiotics reduce serum uric acid levels via gut microbiota modulation: a randomized, controlled crossover trial in peritoneal dialysis patients.](#)

European journal of nutrition , Volume: 61 Issue: 2 2022 Mar

Authors He S,Xiong Q,Tian C,Li L,Zhao J,Lin X,Guo X,He Y,Liang W,Zuo X,Ying C

[Systematic Review of the Effects of Oat Intake on Gastrointestinal Health.](#)

The Journal of nutrition , 2021 Sep 6

Authors Valido E,Stoyanov J,Bertolo A,Hertig-Godeschalk A,Zeh RM,Flueck JL,Minder B,Stojic S,Metzger B,Bussler W,Muka T,Kern H,Glisic M

[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

[Effects of Bacillus subtilis on jejunal integrity, redox status, and microbial composition of intrauterine growth restriction suckling piglets.](#)

Journal of animal science , Volume: 99 Issue: 10 2021 Oct 1

Authors Yun Y, Ji S, Yu G, Jia P, Niu Y, Zhang H, Zhang X, Wang T, Zhang L

[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

[Dietary Inulin Regulated Gut Microbiota and Improved Neonatal Health in a Pregnant Sow Model.](#)

Frontiers in nutrition , Volume: 8 2021

Authors Li H, Ma L, Zhang L, Liu N, Li Z, Zhang F, Liu X, Ma X

[Effects of Short-Term Dietary Fiber Intervention on Gut Microbiota in Young Healthy People.](#)

Diabetes, metabolic syndrome and obesity : targets and therapy , Volume: 14 2021

Authors Tian T,Zhang X,Luo T,Wang D,Sun Y,Dai J

[Prebiotic fructans have greater impact on luminal microbiology and CD3+ T cells in healthy siblings than patients with Crohn`s disease: A pilot study investigating the potential for primary prevention of inflammatory bowel disease.](#)

Clinical nutrition (Edinburgh, Scotland) , Volume: 40 Issue: 8 2021 Jun 23

Authors Hedin CR,McCarthy NE,Louis P,Farquharson FM,McCartney S,Stagg AJ,Lindsay JO,Whelan K

[Effect of the use of probiotic Bacillus subtilis \(QST 713\) as a growth promoter in broilers: an alternative to bacitracin methylene disalicylate.](#)

Poultry science , Volume: 100 Issue: 9 2021 Sep

Authors Rivera-Pérez W,Barquero-Calvo E,Chaves AJ

[Effects of Bacillus subtilis and Bacillus licheniformis on growth performance, immunity, short chain fatty acid production, antioxidant capacity, and cecal microflora in broilers.](#)

Poultry science , Volume: 100 Issue: 9 2021 Jun 26

Authors Xu Y,Yu Y,Shen Y,Li Q,Lan J,Wu Y,Zhang R,Cao G,Yang C

[Dietary Supplementation with Inulin Modulates the Gut Microbiota and Improves Insulin Sensitivity in Prediabetes.](#)

International journal of endocrinology , Volume: 2021 2021

Authors Wang X,Wang T,Zhang Q,Xu L,Xiao 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

[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

[Intestinal Microbiota Mediates High-Fructose and High-Fat Diets to Induce Chronic Intestinal Inflammation.](#)

Frontiers in cellular and infection microbiology , Volume: 11 2021

Authors Tan R, Dong H, Chen Z, Jin M, Yin J, Li H, Shi D, Shao Y, Wang H, Chen T, Yang D, Li J

[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

[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, Taladrí 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 Sadovnikova IS, Gureev AP, Ignatyeva DA, Gryaznova MV, Chernyshova EV, Krutskikh EP, Novikova AG, Popov VN

[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

[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

[Gut Microbial SNPs Induced by High-Fiber Diet Dominate Nutrition Metabolism and Environmental Adaptation of *Faecalibacterium prausnitzii* in Obese Children.](#)

Frontiers in microbiology , Volume: 12 2021

Authors Li H, Zhao L, Zhang M

[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

[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

[Chicken-eaters and pork-eaters have different gut microbiota and tryptophan metabolites.](#)

Scientific reports , Volume: 11 Issue: 1 2021 Jun 7

Authors Shi J, Zhao D, Zhao F, Wang C, Zamaratskaia G, Li C

[The effect of dietary fiber \(oat bran\) supplement on blood pressure in patients with essential hypertension: A randomized controlled trial.](#)

Nutrition, metabolism, and cardiovascular diseases : NMCD , 2021 Apr 28

Authors Xue Y, Cui L, Qi J, Qjo O, Du X, Liu Y, Wang X

[Modulatory Effects of *Bacillus subtilis* on the Performance, Morphology, Cecal Microbiota and Gut Barrier Function of Laying Hens.](#)

Animals : an open access journal from MDPI , Volume: 11 Issue: 6 2021 May 24

Authors Zhang G, Wang H, Zhang J, Tang X, Raheem A, Wang M, Lin W, Liang L, Qi Y, Zhu Y, Jia Y, Cui S, Qin T

[Effect of *Lactocaseibacillus 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

[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

[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

[Effects of Whole-Grain and Sugar Content in Infant Cereals on Gut Microbiota at Weaning: A Randomized Trial.](#)

Nutrients , Volume: 13 Issue: 5 2021 Apr 28

Authors Plaza-Diaz J,Bernal MJ,Schutte S,Chenoll E,Genovés S,Codoñer FM,Gil A, Sanchez-Siles LM

[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,Caní PD,Bindels LB,Delzenne NM

[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

[Lactocaseibacillus 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

[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,Maclea P,McGhie T,Pringle G,Roy NC,Ferguson LR

[Ingestion of High \$\beta\$ -Glucan Barley Flour Enhances the Intestinal Immune System of Diet-Induced Obese Mice by Prebiotic Effects.](#)

Nutrients , Volume: 13 Issue: 3 2021 Mar 11

Authors Mio K,Otake N,Nakashima S,Matsuoka T,Aoe S

[High-Fiber, Whole-Food Dietary Intervention Alters the Human Gut Microbiome but Not Fecal Short-Chain Fatty Acids.](#)

mSystems , Volume: 6 Issue: 2 2021 Mar 16

Authors Oliver A,Chase AB,Weihe C,Orchanian SB,Riedel SF,Hendrickson CL,Lay M,Sewall JM,Martiny JBH,Whiteson K

[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

[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

[Both living and dead Faecalibacterium prausnitzii alleviate house dust mite-induced allergic asthma through the modulation of gut microbiota and short-chain fatty acid production.](#)

Journal of the science of food and agriculture , Volume: 101 Issue: 13 2021 Oct

Authors Hu W,Lu W,Li L,Zhang H,Lee YK,Chen W,Zhao J

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

Probiotic Bacillus subtilis 29,784 improved weight gain and enhanced gut health status of broilers under necrotic enteritis condition.

Poultry science , Volume: 100 Issue: 4 2021 Apr

Authors Keerqin C,Rhayat L,Zhang ZH,Gharib-Naseri K,Kheravii SK,Devillard E,Crowley TM,Wu SB

Long-term and continuous administration of Bacillus subtilis during remission effectively maintains the remission of inflammatory bowel disease by protecting intestinal integrity, regulating epithelial proliferation, and reshaping microbial structure and function.

Food & function , Volume: 12 Issue: 5 2021 Mar 15

Authors Liu Y,Yin F,Huang L,Teng H,Shen T,Qin H

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

Prebiotic dietary fibre intervention improves fecal markers related to inflammation in obese patients: results from the Food4Gut randomized placebo-controlled trial.

European journal of nutrition , Volume: 60 Issue: 6 2021 Sep

Authors Neyrinck AM,Rodríguez J,Zhang Z,Seethaler B,Sánchez CR,Roumain M,Hiel S,Bindels LB,Cani PD,Paquot N,Cnop M,Nazare JA,Laville M,Muccioli GG,Bischoff SC,Walter J,Thissen JP,Delzenne NM

Dietary Supplementation With Bacillus subtilis Promotes Growth and Gut Health of Weaned Piglets.

Frontiers in veterinary science , Volume: 7 2020

Authors Tian Z,Wang X,Duan Y,Zhao Y,Zhang W,Azad MAK,Wang Z,Blachier F,Kong X

Prevention and Alleviation of Dextran Sulfate Sodium Salt-Induced Inflammatory Bowel Disease in Mice With Bacillus subtilis-Fermented Milk via Inhibition of the Inflammatory Responses and Regulation of the Intestinal Flora.

Frontiers in microbiology , Volume: 11 2020

Authors Zhang X,Tong Y,Lyu X,Wang J,Wang Y,Yang R

Bacillus subtilis-fermented products ameliorate the growth performance and alter cecal microbiota community in broilers under lipopolysaccharide challenge.

Poultry science , Volume: 100 Issue: 2 2021 Feb

Authors Chen JY,Yu YH

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

Kale Attenuates Inflammation and Modulates Gut Microbial Composition and Function in C57BL/6J Mice with Diet-Induced Obesity.

Microorganisms , Volume: 9 Issue: 2 2021 Jan 24

Authors Shahinozzaman M,Raychaudhuri S,Fan S,Obanda DN

Pretreatment with chitosan oligosaccharides attenuate experimental severe acute pancreatitis via inhibiting oxidative stress and modulating intestinal homeostasis.

Acta pharmacologica Sinica , 2021 Jan 25

Authors Mei QX,Hu JH,Huang ZH,Fan JJ,Huang CL,Lu YY,Wang XP,Zeng Y

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

Long-term diet quality is associated with gut microbiome diversity and composition among urban Chinese adults.

The American journal of clinical nutrition , Volume: 113 Issue: 3 2021 Mar 11

Authors Yu D,Nguyen SM,Yang Y,Xu W,Cai H,Wu J,Cai Q,Long J,Zheng W,Shu XO

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

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

Inulin ameliorates schizophrenia via modulation of the gut microbiota and anti-inflammation in mice.

Food & function , Volume: 12 Issue: 3 2021 Feb 15

Authors Guo L,Xiao P,Zhang X,Yang Y,Yang M,Wang T,Lu H,Tian H,Wang H,Liu J

Dietary Inulin Supplementation Modulates Short-Chain Fatty Acid Levels and Cecum Microbiota Composition and Function in Chickens Infected With Salmonella.

Frontiers in microbiology , Volume: 11 2020

Authors Song J,Li Q,Everaert N,Liu R,Zheng M,Zhao G,Wen J

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

Inulin Exerts Beneficial Effects on Non-Alcoholic Fatty Liver Disease via Modulating gut Microbiome and Suppressing the Lipopolysaccharide-Toll-Like Receptor 4-M²-Nuclear Factor- κ B-Nod-Like Receptor Protein 3 Pathway via gut-Liver Axis in Mice.

Frontiers in pharmacology , Volume: 11 2020

Authors Bao T,He F,Zhang X,Zhu L,Wang Z,Lu H,Wang T,Li Y,Yang S,Wang H

Selective Utilization of the Human Milk Oligosaccharides 2'-Fucosyllactose, 3-Fucosyllactose, and Difucosyllactose by Various Probiotic and Pathogenic Bacteria.

Journal of agricultural and food chemistry , Volume: 69 Issue: 1 2021 Jan 13

Authors Salli K,Hirvonen J,Siitonen J,Ahonen I,Angenius H,Maukonen J

Flexibility of Gut Microbiota in Ageing Individuals during Dietary Fiber Long-Chain Inulin Intake.

Molecular nutrition & food research , Volume: 65 Issue: 4 2021 Feb

Authors Kiewiet MBG,Elderman ME,El Aidy S,Burgerhof JGM,Visser H,Vaughan EE,Faas MM,de Vos P

Dietary Fiber Intake Alters Gut Microbiota Composition but Does Not Improve Gut Wall Barrier Function in Women with Future Hypertensive Disorders of Pregnancy.

Nutrients , Volume: 12 Issue: 12 2020 Dec 17

Authors Tomsett KI,Barrett HL,Dekker EE,Callaway LK,McIntyre DH,Dekker Nitert M

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

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

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

Effects of Different Human Milk Oligosaccharides on Growth of *Bifidobacteria* in Monoculture and Co-culture With *Faecalibacterium prausnitzii*.

Frontiers in microbiology , Volume: 11 2020

Authors Cheng L, Kievet MBG, Logtenberg MJ, Groeneveld A, Nauta A, Schols HA, Walvoort MTC, Harmsen HJM, de Vos P

Alcohol decreases intestinal ratio of *Lactobacillus* to *Enterobacteriaceae* and induces hepatic immune tolerance in a murine model of DSS-colitis.

Gut microbes , Volume: 12 Issue: 1 2020 Nov 9

Authors Kuprys PV, Cannon AR, Shieh J, Iftekhar N, Park SK, Eberhardt JM, Ding X, Choudhry MA

Differential Responses to Dietary Protein and Carbohydrate Ratio on Gut Microbiome in Obese vs. Lean Cats.

Frontiers in microbiology , Volume: 11 2020

Authors Li Q, Pan Y

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

[Influence of *Lactobacillus reuteri* SL001 on intestinal microbiota in AD model mice and C57BL/6 mice].

Sheng wu gong cheng xue bao = Chinese journal of biotechnology , Volume: 36 Issue: 9 2020 Sep 25

Authors Liu M, Hu R, Guo Y, Sun W, Li J, Fan M, Wang Y, Du H, Tang Z, Chai C

Daily intake of probiotic strain *Bacillus subtilis* DE111 supports a healthy microbiome in children attending day-care.

Beneficial microbes , Volume: 11 Issue: 7 2020 Nov 15

Authors Paytuvi-Gallart A, Sanseverino W, Winger AM

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

Effects of manganese and *Bacillus subtilis* on the reproductive performance, egg quality, antioxidant capacity, and gut microbiota of breeding geese during laying period.

Poultry science , Volume: 99 Issue: 11 2020 Nov

Authors Wang Y, Wang H, Wang B, Zhang B, Li W

Anti-inflammatory *Bifidobacterium* strains prevent dextran sodium sulfate induced colitis and associated gut microbial dysbiosis in mice.

Scientific reports , Volume: 10 Issue: 1 2020 Oct 29

Authors Singh S, Bhatia R, Khare P, Sharma S, Rajarammohan S, Bishnoi M, Bhadada SK, Sharma SS, Kaur J, Kondepudi KK

Inulin supplementation ameliorates hyperuricemia and modulates gut microbiota in Uox-knockout mice.

European journal of nutrition , Volume: 60 Issue: 4 2021 Jun

Authors Guo Y, Yu Y, Li H, Ding X, Li X, Jing X, Chen J, Liu G, Lin Y, Jiang C, Liu Z, He Y, Li C, Tian Z

Chemical composition and antimycoplasm 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 supplementation of *Bacillus subtilis* PB6 improves sow reproductive performance and reduces piglet birth intervals.

Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 6 Issue: 3 2020 Sep

Authors Zhang Q, Li J, Cao M, Li Y, Zhuo Y, Fang Z, Che L, Xu S, Feng B, Lin Y, Jiang X, Zhao X, Wu D

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

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-Maqueda D, Hereu M, Amézqueta S, Torres JL, Pérez-Jiménez 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,Bosscher 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

[Intervention with kimchi microbial community ameliorates obesity by regulating gut microbiota.](#)

Journal of microbiology (Seoul, Korea) , 2020 Sep 2

Authors Park SE,Kwon SJ,Cho KM,Seo SH,Kim EJ,Unno T,Bok SH,Park DH,Son HS

[A novel inulin-type fructan from Asparagus cochinchinensis and its beneficial impact on human intestinal microbiota.](#)

Carbohydrate polymers , Volume: 247 2020 Nov 1

Authors Sun Q,Zhu L,Li Y,Cui Y,Jiang S,Tao N,Chen H,Zhao Z,Xu J,Dong C

[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

[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

[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- \$\beta\$ -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

[Effect of particle size of insoluble fibre on growth performance, apparent ileal digestibility and caecal microbial population in broiler chickens fed barley-containing diets.](#)

British poultry science , Volume: 61 Issue: 6 2020 Dec

Authors Pourazadi Z,Salari S,Tabandeh MR,Abdollahi MR

[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

[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

[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

[Dietary supplementation with Bacillus subtilis DSM 32315 alters the intestinal microbiota and metabolites in weaned piglets.](#)

Journal of applied microbiology , 2020 Jul 6

Authors Ding H,Zhao X,Ma C,Gao Q,Yin Y,Kong X,He J

[Sulforaphane alter the microbiota and mitigate colitis severity on mice ulcerative colitis induced by DSS.](#)

AMB Express , Volume: 10 Issue: 1 2020 Jul 3

Authors Zhang Y,Tan L,Li C,Wu H,Ran D,Zhang Z

[Effect of chitooligosaccharides on human gut microbiota and antiglycation.](#)

Carbohydrate polymers , Volume: 242 2020 Aug 15

Authors Liu W,Li X,Zhao Z,Pi X,Meng Y,Fei D,Liu D,Wang X

[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

Foodborne Titanium Dioxide Nanoparticles Induce Stronger Adverse Effects in Obese Mice than Non-Obese Mice: Gut Microbiota Dysbiosis, Colonic Inflammation, and Proteome Alterations.

Small (Weinheim an der Bergstrasse, Germany) , Volume: 16 Issue: 36 2020 Sep

Authors Cao X,Han Y,Gu M,Du H,Song M,Zhu X,Ma G,Pan C,Wang W,Zhao E,Goulette T,Yuan B,Zhang G,Xiao 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

Synergetic responses of intestinal microbiota and epithelium to dietary inulin supplementation in pigs.

European journal of nutrition , Volume: 60 Issue: 2 2021 Mar

Authors He J,Xie H,Chen D,Yu B,Huang Z,Mao X,Zheng P,Luo Y,Yu J,Luo J,Yan H

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

Unsaturated alginate oligosaccharides attenuated obesity-related metabolic abnormalities by modulating gut microbiota in high-fat-diet mice.

Food & function , Volume: 11 Issue: 5 2020 May 1

Authors Li S ,Wang L ,Liu B ,He N

Gut Microbiome and Metabolome Response of Pu-erh Tea on Metabolism Disorder Induced by Chronic Alcohol Consumption.

Journal of agricultural and food chemistry , Volume: 68 Issue: 24 2020 Jun 17

Authors Liu Y,Luo Y,Wang X,Luo L,Sun K,Zeng L

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

5-Heptadecylresorcinol, a Biomarker for Whole Grain Rye Consumption, Ameliorates Cognitive Impairments and Neuroinflammation in APP/PS1 Transgenic Mice.

Molecular nutrition & food research , Volume: 64 Issue: 11 2020 Jun

Authors Liu J,Wang Y,Wang Z,Hao Y,Bai W,Wang Z,Wang J

The Protective Effects of 2'-Fucosyllactose against E. Coli O157 Infection Are Mediated by the Regulation of Gut Microbiota and the Inhibition of Pathogen Adhesion.

Nutrients , Volume: 12 Issue: 5 2020 May 1

Authors Wang Y,Zou Y,Wang J,Ma H,Zhang B,Wang S

Lactobacillus paracasei subsp. *paracasei* 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 chicory inulin-type fructan-containing snack bars on the human gut microbiota in low dietary fiber consumers in a randomized crossover trial.

The American journal of clinical nutrition , Volume: 111 Issue: 6 2020 Jun 1

Authors Reimer RA,Soto-Vaca A,Nicolucci AC,Mayengbam S,Park H,Madsen KL,Menon R,Vaughan EE

Lactobacillus reuteri attenuated allergic inflammation induced by HDM in the mouse and modulated gut microbes.

PloS one , Volume: 15 Issue: 4 2020

Authors Li L,Fang Z,Liu X,Hu W,Lu W,Lee YK,Zhao J,Zhang H,Chen W

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

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

2'-fucosyllactose Supplementation Improves Gut-Brain Signaling and Diet-Induced Obese Phenotype and Changes the Gut Microbiota in High Fat-Fed Mice.

Nutrients , Volume: 12 Issue: 4 2020 Apr 5

Authors Lee S,Goodson M,Vang W,Kalanetra K,Barile D,Raybould H

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

Pork Meat Proteins Alter Gut Microbiota and Lipid Metabolism Genes in the Colon of Adaptive Immune-Deficient Mice.

Molecular nutrition & food research , Volume: 64 Issue: 9 2020 May

Authors Zhang M,Zou X,Zhao D,Zhao F,Li C

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

Bifidobacterium longum subsp. *longum* Remodeled Roseburia and Phosphatidylserine Levels and Ameliorated Intestinal Disorders and liver Metabolic Abnormalities Induced by High-Fat Diet.

Journal of agricultural and food chemistry , Volume: 68 Issue: 16 2020 Apr 22

Authors Wu T,Sun M,Liu R,Sui W,Zhang J,Yin J,Fang S,Zhu J,Zhang M

Effects of dietary inulin supplementation on growth performance, intestinal barrier integrity and microbial populations in weaned pigs.

The British journal of nutrition , Volume: 124 Issue: 3 2020 Aug 14

Authors Wang W,Chen D,Yu B,Huang Z,Mao X,Zheng P,Luo Y,Yu J,Luo J,Yan H,He J

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

Randomised clinical trial: effect of low-FODMAP rye bread versus regular rye bread on the intestinal microbiota of irritable bowel syndrome patients: association with individual symptom variation.

BMC nutrition , Volume: 5 2019

Authors Laatikainen R,Jalanka J,Loponen J,Hongisto SM,Hillilä M,Koskenpato J,Korpela R,Salonen A

Prebiotic inulin consumption reduces dioxin-like PCB 126-mediated hepatotoxicity and gut dysbiosis in hyperlipidemic Ldlr deficient mice.

Environmental pollution (Barking, Essex : 1987) , Volume: 261 2020 Jun

Authors Hoffman JB,Petriello MC,Morris AJ,Mottaleb MA,Sui Y,Zhou C,Deng P,Wang C,Hennig B

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 (*Allium sativum*) extract on *Lactobacillus acidophilus*.

Veterinary world , Volume: 12 Issue: 12 2019 Dec

Authors Sunu P,Sunarti D,Mahfudz LD,Yunianto VD

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,Masclée AAM,Blaak EE

Bifidobacterium longum-fermented rice bran and rice bran supplementation affects the gut microbiome and metabolome.

Beneficial microbes , Volume: 10 Issue: 8 2019 Dec 9

Authors Nealon NJ,Parker KD,Lahaie P,Ibrahim H,Maurya AK,Raina K,Ryan EP

Gut Microbiota Modulation by Dietary Barley Malt Melanoidins.

Nutrients , Volume: 12 Issue: 1 2020 Jan 17

Authors Aljahdali N,Gadonna-Widehem P,Anton PM,Carbonero F

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

Development of Chitosan-Based Hydrogel Containing Antibiofilm Agents for the Treatment of Staphylococcus aureus-Infected Burn Wound in Mice.

AAPS PharmSciTech , Volume: 21 Issue: 2 2020 Jan 2

Authors Chhibber T,Gondil VS,Sinha VR

Food for thought about manipulating gut bacteria.

Nature , Volume: 577 Issue: 7788 2020 Jan

Authors Delzenne NM,Bindels LB

Oxidized Pork Induces Oxidative Stress and Inflammation by Altering Gut Microbiota in Mice.

Molecular nutrition & food research , Volume: 64 Issue: 2 2020 Jan

Authors Ge Y,Lin S,Li B,Yang Y,Tang X,Shi Y,Sun J,Le G

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

Structural Analysis of Gluco-Oligosaccharides Produced by *Leuconostoc lactis* and Their Prebiotic Effect.

Molecules (Basel, Switzerland) , Volume: 24 Issue: 21 2019 Nov 5

Authors Lee S,Park J,Jang JK,Lee BH,Park YS

Berry-Enriched Diet in Salt-Sensitive Hypertensive Rats: Metabolic Fate of (Poly)Phenols and the Role of Gut Microbiota.

Nutrients , Volume: 11 Issue: 11 2019 Nov 3

Authors Gomes A,Oudot C,Macià A,Foito A,Carregosa D,Stewart D,Van de Wiele T,Berry D,Motilva MJ,Brenner C,Dos Santos CN

Phytochemical Profile, Bioactivity, and Prebiotic Potential of Bound Phenolics Released from Rice Bran Dietary Fiber during in Vitro Gastrointestinal Digestion and Colonic Fermentation.

Journal of agricultural and food chemistry , Volume: 67 Issue: 46 2019 Nov 20

Authors Zhang X,Zhang M,Dong L,Jia X,Liu L,Ma Y,Huang F,Zhang R

Chitooligosaccharides Prevents the Development of Colitis-Associated Colorectal Cancer by Modulating the Intestinal Microbiota and Mycobiota.

Frontiers in microbiology , Volume: 10 2019

Authors Wu M,Li J,An Y,Li P,Xiong W,Li J,Yan D,Wang M,Zhong G

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,Blædel T,Larsen LH,Iglesias JR,Madera C,Sanz Y,Larsen TM,MyNewGut Consortium.

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

An examination of data from the American Gut Project reveals that the dominance of the genus Bifidobacterium is associated with the diversity and robustness of the gut microbiota.

MicrobiologyOpen , Volume: 8 Issue: 12 2019 Dec

Authors Feng Y,Duan Y,Xu Z,Lyu N,Liu F,Liang S,Zhu B

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

A comprehensive assessment of demographic, environmental, and host genetic associations with gut microbiome diversity in healthy individuals.

Microbiome , Volume: 7 Issue: 1 2019 Sep 13

Authors Scepanovic P,Hodel F,Mondot S,Partula V,Byrd A,Hammer C,Alanio C,Bergstedt J,Patin E,Touvier M,Lantz O,Albert ML,Duffy D,Quintana-Murci L,Fellay J,Milieu Intérieur Consortium.

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

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

Lactobacillus reuteri DSM 17938 feeding of healthy newborn mice regulates immune responses while modulating gut microbiota and boosting beneficial metabolites.**American journal of physiology. Gastrointestinal and liver physiology** , 2019 Sep 4

Authors Liu Y,Tian X,He B,Hoang TK,Taylor CM,Blanchard E,Freeborn J,Park S,Luo M,Couturier J,Tran DQ,Roos S,Wu G,Rhoads JM

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

Immunomodulatory and Prebiotic Effects of 2'-Fucosyllactose in Suckling Rats.**Frontiers in immunology** , Volume: 10 2019

Authors Azagra-Boronat I,Massot-Cladera M,Mayneris-Perxachs J,Knipping K,Van't Land B,Tims S,Stahl B,Garssen J,Franch À,Castell M,Rodríguez-Lagunas MJ,Pérez-Cano FJ

Effect of Long-Term Intake of Dietary Titanium Dioxide Nanoparticles on Intestine Inflammation in Mice.**Journal of agricultural and food chemistry** , Volume: 67 Issue: 33 2019 Aug 21

Authors Mu W,Wang Y,Huang C,Fu Y,Li J,Wang H,Jia X,Ba Q

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

Supplementation of diet with non-digestible oligosaccharides alters the intestinal microbiota, but not arthritis development, in IL-1 receptor antagonist deficient mice.**PloS one** , Volume: 14 Issue: 7 2019

Authors Rogier R,Ederveen THA,Wopereis H,Hartog A,Boekhorst J,van Hijum SAFT,Knol J,Garssen J,Walgreen B,Helsen MM,van der Kraan PM,van Lent PLEM,van de Loo FAJ,Abdollahi-Roodsaz S,Koenders MI

Additional Effect of Dietary Fiber in Patients with Type 2 Diabetes Mellitus Using Metformin and Sulfonylurea: An Open-Label, Pilot Trial.**Diabetes & metabolism journal** , 2019 Apr 23

Authors Lee SE,Choi Y,Jun JE,Lee YB,Jin SM,Hur KY,Ko GP,Lee MK

Dietary Quercetin Increases Colonic Microbial Diversity and Attenuates Colitis Severity in Citrobacter rodentium Infected Mice.**Frontiers in microbiology** , Volume: 10 2019

Authors Lin R,Piao M,Song Y

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

Effects of a diet based on inulin-rich vegetables on gut health and nutritional behavior in healthy humans.**The American journal of clinical nutrition** , Volume: 109 Issue: 6 2019 Jun 1

Authors Hiel S,Bindels LB,Pachikian BD,Kalala G,Broers V,Zamariola G,Chang BPI,Kambashi B,Rodríguez J,Cani PD,Neyrinck AM,Thissen JP,Luminet O,Bindelle J,Delzenne NM

Alleviation of low-fiber diet-induced constipation by probiotic Bifidobacterium bifidum G9-1 is based on correction of gut microbiota dysbiosis.**Bioscience of microbiota, food and health** , Volume: 38 Issue: 2 2019

Authors Makizaki Y,Maeda A,Oikawa Y,Tamura S,Tanaka Y,Nakajima S,Yamamura H

Bacillus subtilis Strain DSM 29784 Modulates the Cecal Microbiome, Concentration of Short-Chain Fatty Acids, and Apparent Retention of Dietary Components in Shaver White Chickens during Grower, Developer, and Laying Phases.**Applied and environmental microbiology** , Volume: 85 Issue: 14 2019 Jul 15

Authors Nejati M,Habtewold J,Shirley RB,Welsher A,Barton J,Thiery P,Kiarie E

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

In vitro modulation of human gut microbiota composition and metabolites by Bifidobacterium longum BB-46 and a citric pectin.

Food research international (Ottawa, Ont.) , Volume: 120 2019 Jun

Authors Bianchi F,Larsen N,Tieghi TM,Adorno MAT,Saad SMI,Jespersen L,Sivieri 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

Lactobacillus reuteri Reduces the Severity of Experimental Autoimmune Encephalomyelitis in Mice by Modulating Gut Microbiota.

Frontiers in immunology , Volume: 10 2019

Authors He B,Hoang TK,Tian X,Taylor CM,Blanchard E,Luo M,Bhattacharjee MB,Freeborn J,Park S,Couturier J,Lindsey JW,Tran DQ,Rhoads JM,Liu Y

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,Kawas JR,Chew B,Dowd SE,Noratto G

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

A ropy exopolysaccharide producing strain Bifidobacterium longum subsp. longum YS108R alleviates DSS-induced colitis by maintenance of the mucosal barrier and gut microbiota modulation.

Food & function , Volume: 10 Issue: 3 2019 Mar 20

Authors Yan S,Yang B,Zhao J,Zhao J,Stanton C,Ross RP,Zhang H,Chen W

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

Intestinal Morphologic and Microbiota Responses to Dietary <i>Bacillus</i> spp. in a Broiler Chicken Model.

Frontiers in physiology , Volume: 9 2018

Authors Li CL,Wang J,Zhang HJ,Wu SG,Hui QR,Yang CB,Fang RJ,Qi GH

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

Bacillus subtilis 29784 induces a shift in broiler gut microbiome toward butyrate-producing bacteria and improves intestinal histomorphology and animal performance.

Poultry science , Volume: 98 Issue: 6 2019 Jun 1

Authors Jacquier V,Nelson A,Jlali M,Rhayat L,Brinch KS,Devillard E

The impact of Bacillus subtilis 18 isolated from Tibetan yaks on growth performance and gut microbial community in mice.

Microbial pathogenesis , Volume: 128 2019 Mar

Authors Li A,Jiang X,Wang Y,Zhang L,Zhang H,Mehmood K,Li Z,Waqas M,Li J

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

Alterations in gut microbiota composition and metabolic parameters after dietary intervention with barley beta glucans in

patients with high risk for metabolic syndrome development.

Anaerobe , Volume: 55 2019 Feb

Authors Velikonja A,Lipoglavšek L,Zorec M,Orel R,Avguštin G

Effect of Bacillus subtilis C-3102 on bone mineral density in healthy postmenopausal Japanese women: a randomized, placebo-controlled, double-blind clinical trial.

Bioscience of microbiota, food and health , Volume: 37 Issue: 4 2018

Authors Takimoto T,Hatanaka M,Hoshino T,Takara T,Tanaka K,Shimizu A,Morita H,Nakamura T

Simultaneous Supplementation of <i>Bacillus subtilis</i> and Antibiotic Growth Promoters by Stages Improved Intestinal Function of Pullets by Altering Gut Microbiota.

Frontiers in microbiology , Volume: 9 2018

Authors Li X,Wu S,Li X,Yan T,Duan Y,Yang X,Duan Y,Sun Q,Yang X

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

Supplemental Bacillus subtilis DSM 32315 manipulates intestinal structure and microbial composition in broiler chickens.

Scientific reports , Volume: 8 Issue: 1 2018 Oct 18

Authors Ma Y,Wang W,Zhang H,Wang J,Zhang W,Gao J,Wu S,Qi G

Broccoli consumption affects the human gastrointestinal microbiota.

The Journal of nutritional biochemistry , Volume: 63 2019 Jan

Authors Kaczmarek JL,Liu X,Charron CS,Novotny JA,Jeffery EH,Seifried HE,Ross SA,Miller MJ,Swanson KS,Holscher HD

Anti-inflammatory effects of Kaempferol on Helicobacter pylori-induced inflammation.

Bioscience, biotechnology, and biochemistry , Volume: 83 Issue: 1 2019 Jan

Authors Yeon MJ, Lee MH, Kim DH, Yang JY, Woo HJ, Kwon HJ, Moon C, Kim SH, Kim JB

Behavioral response to fiber feedings 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 inulin supplementation to piglets in the suckling period on growth performance, postileal microbial and immunological traits in the suckling period and three weeks after weaning.

Archives of animal nutrition , Volume: 72 Issue: 6 2018 Dec

Authors Li B, Schroyen M, Leblois J, Wavreille J, Soyeurt H, Bindelle J, Everaert N

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

Modulation of gut microbiota from obese individuals by in vitro fermentation of citrus pectin in combination with Bifidobacterium longum BB-46.

Applied microbiology and biotechnology , Volume: 102 Issue: 20 2018 Oct

Authors Bianchi F, Larsen N, de Mello Tieghi T, Adorno MAT, Kot W, Saad SMI, Jespersen L, Sivieri K

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

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

Inulin fiber dose-dependently modulates energy balance, glucose tolerance, gut microbiota, hormones and diet preference in high-fat-fed male rats.

The Journal of nutritional biochemistry , Volume: 59 2018 Sep

Authors Singh A, Zapata RC, Pezeshki A, Reidelberger RD, Chelikani PK

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

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

Maternal Soluble Fiber Diet during Pregnancy Changes the Intestinal Microbiota, Improves Growth Performance, and Reduces Intestinal Permeability in Piglets.**Applied and environmental microbiology** , Volume: 84 Issue: 17 2018 Sep 1

Authors Cheng C,Wei H,Xu C,Xie X,Jiang S,Peng J

Composition and metabolism of fecal microbiota from normal and overweight children are differentially affected by melibiose, raffinose and raffinose-derived fructans.**Anaerobe** , Volume: 52 2018 Aug

Authors Adamberg K,Adamberg S,Ernits K,Larionova A,Voor T,Jaagura M,Visnapuu T,Alamäe T

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

Antimicrobial Activity of Monoketone Curcuminoids Against Cariogenic Bacteria.**Chemistry & biodiversity** , Volume: 15 Issue: 8 2018 Aug

Authors Vieira TM,Dos Santos IA,Silva TS,Martins CHG,Crotti AEM

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

Dietary fiber intervention on gut microbiota composition in healthy adults: a systematic review and meta-analysis.**The American journal of clinical nutrition** , Volume: 107 Issue: 6 2018 Jun 1

Authors So D,Whelan K,Rossi M,Morrison M,Holtmann G,Kelly JT,Shanahan ER,Staudacher HM,Campbell KL

Catechin supplemented in a FOS diet induces weight loss by altering cecal microbiota and gene expression of colonic epithelial cells.**Food & function** , Volume: 9 Issue: 5 2018 May 23

Authors Luo J,Han L,Liu L,Gao L,Xue B,Wang Y,Ou S,Miller M,Peng X

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,Korzhnikov AA,Samarov NI,Shevchenko MA,Tepluk AV,Alexeev DG

Role of *Lactobacillus reuteri* in Human Health and Diseases.**Frontiers in microbiology** , Volume: 9 2018

Authors Mu Q,Tavella VJ,Luo XM

Modifications in gut microbiota and fermentation metabolites in the hindgut of rats after the consumption of galactooligosaccharide glycated with a fish peptide.**Food & function** , Volume: 9 Issue: 5 2018 May 1

Authors Jin W,Han K,Dong S,Yang Y,Mao Z,Su M,Zeng M

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

Oral administration of rutile and anatase TiO₂ nanoparticles shifts mouse gut microbiota structure.**Nanoscale** , Volume: 10 Issue: 16 2018 Apr 26

Authors Li J,Yang S,Lei R,Gu W,Qin Y,Ma S,Chen K,Chang Y,Bai X,Xia S,Wu C,Xing G

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

Oral supplementation of Bifidobacterium longum strain BR-108 alters cecal microbiota by stimulating gut immune system

in mice irrespective of viability.

Bioscience, biotechnology, and biochemistry , Volume: 82 Issue: 7 2018 Jul

Authors Makioka Y,Tsukahara T,Ijichi T,Inoue R

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

Whole Tibetan Hull-Less Barley Exhibit Stronger Effect on Promoting Growth of Genus Bifidobacterium than Refined Barley In Vitro.

Journal of food science , Volume: 83 Issue: 4 2018 Apr

Authors Gong L,Cao W,Gao J,Wang J,Zhang H,Sun B,Yin M

Inulin-type fructan improves diabetic phenotype and gut microbiota profiles in rats.

PeerJ , Volume: 6 2018

Authors Zhang Q,Yu H,Xiao X,Hu L,Xin F,Yu X

Complementary Mechanisms for Degradation of Inulin-Type Fructans and Arabinoxylan Oligosaccharides among Bifidobacterial Strains Suggest Bacterial Cooperation.

Applied and environmental microbiology , Volume: 84 Issue: 9 2018 May 1

Authors Rivière A,Selak M,Geirnaert A,Van den Abbeele P,De Vuyst L

Fermentation of non-digestible raffinose family oligosaccharides and galactomannans by probiotics.

Food & function , Volume: 9 Issue: 3 2018 Mar 1

Authors Zartl B,Silberbauer K,Loeppert R,Viernstein H,Praznik W,Mueller M

Effects of a galacto-oligosaccharide-rich diet on fecal microbiota and metabolite profiles in mice.

Food & function , 2018 Feb 21

Authors Cheng W,Lu J,Lin W,Wei X,Li H,Zhao X,Jiang A,Yuan J

Inhibition of Oral Pathogens Adhesion to Human Gingival Fibroblasts by Wine Polyphenols Alone and in Combination with an Oral Probiotic.

Journal of agricultural and food chemistry , Volume: 66 Issue: 9 2018 Mar 7

Authors Esteban-Fernández A,Zorraquín-Peña I,Ferrer MD,Mira A,Bartolomé B,González de Llano D,Moreno-Arribas MV

Soluble dietary fiber improves energy homeostasis in obese mice by remodeling the gut microbiota.

Biochemical and biophysical research communications , Volume: 498 Issue: 1 2018 Mar 25

Authors Wang H,Hong T,Li N,Zang B,Wu X

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

Effects of dietary fiber levels on cecal microbiota composition in geese.

Asian-Australasian journal of animal sciences , Volume: 31 Issue: 8 2018 Aug

Authors Li Y,Yang H,Xu L,Wang Z,Zhao Y,Chen X

[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

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, Kwas JR, Noratto GD

Habitual dietary fibre intake influences gut microbiota response to an inulin-type fructan prebiotic: a randomised, double-blind, placebo-controlled, cross-over, human intervention study.

The British journal of nutrition , Volume: 119 Issue: 2 2018 Jan

Authors Healey G, Murphy R, Butts C, Brough L, Whelan K, Coad 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

Dietary Broccoli Impacts Microbial Community Structure and Attenuates Chemically Induced Colitis in Mice in an Ah receptor dependent manner.

Journal of functional foods , Volume: 37 2017 Oct

Authors Hubbard TD, Murray IA, Nichols RG, Cassel K, Podolsky M, Kuzu G, Tian Y, Smith P, Kennett MJ, Patterson AD, Perdew GH

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

Effect of Probiotics on Pharmacokinetics of Orally Administered Acetaminophen in Mice.

Drug metabolism and disposition: the biological fate of chemicals , Volume: 46 Issue: 2 2018 Feb

Authors Kim JK, Choi MS, Jeong JJ, Lim SM, Kim IS, Yoo HH, Kim DH

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

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

Oral microbiome alterations of healthy volunteers with proton pump inhibitor.

Journal of gastroenterology and hepatology , 2017 Nov 4

Authors Mishihiro T, Oka K, Kuroki Y, Takahashi M, Tatsumi K, Saitoh T, Tobita H, Ishimura N, Sato S, Ishihara S, Sekine J, Wada K, Kinoshita Y

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

Characterization of fecal fat composition and gut derived fecal microbiota in high-fat diet fed rats following intervention with chito-oligosaccharide and resistant starch complexes.

Food & function , Volume: 8 Issue: 12 2017 Dec 13

Authors Shang W, Si X, Zhou Z, Li Y, Strappe P, Blanchard 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

Illumina Sequencing Approach to Characterize Thiamine Metabolism Related Bacteria and the Impacts of Thiamine Supplementation on Ruminal Microbiota in Dairy Cows Fed High-Grain Diets.

Frontiers in microbiology , Volume: 8 2017

Authors Pan X,Xue F,Nan X,Tang Z,Wang K,Beckers Y,Jiang L,Xiong B

Effect of Functional Oligosaccharides and Ordinary Dietary Fiber on Intestinal Microbiota Diversity.

Frontiers in microbiology , Volume: 8 2017

Authors Cheng W,Lu J,Li B,Lin W,Zhang Z,Wei X,Sun C,Chi M,Bi W,Yang B,Jiang A,Yuan J

Prebiotics Mediate Microbial Interactions in a Consortium of the Infant Gut Microbiome.

International journal of molecular sciences , Volume: 18 Issue: 10 2017 Oct 4

Authors Medina DA,Pinto F,Ovalle A,Thomson P,Garrido D

Whole-Grain Starch and Fiber Composition Modifies Ileal Flow of Nutrients and Nutrient Availability in the Hindgut, Shifting Fecal Microbial Profiles in Pigs.

The Journal of nutrition , Volume: 147 Issue: 11 2017 Nov

Authors Foulse JM,Gänzle MG,Beattie AD,Vasanthan T,Zijlstra RT

Fructooligosaccharide (FOS) and Galactooligosaccharide (GOS) Increase Bifidobacterium but Reduce Butyrate Producing Bacteria with Adverse Glycemic Metabolism in healthy young population.

Scientific reports , Volume: 7 Issue: 1 2017 Sep 18

Authors Liu F,Li P,Chen M,Luo Y,Prabhakar M,Zheng H,He Y,Qi Q,Long H,Zhang Y,Sheng H,Zhou H

Assessment of plaque regrowth with a probiotic toothpaste containing *Lactobacillus paracasei*: 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

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,Cani PD

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-Only 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

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

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

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

Temporal microbiota changes of high-protein diet intake in a rat model.

Anaerobe, Volume: 47 2017 Oct

Authors Mu C, Yang Y, Luo Z, Zhu W

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

Human Milk Oligosaccharides Exhibit Antimicrobial and Antibiofilm Properties against Group B Streptococcus.

ACS infectious diseases, Volume: 3 Issue: 8 2017 Aug 11

Authors Ackerman DL, Doster RS, Weitkamp JH, Aronoff DM, Gaddy JA, Townsend SD

Impact of food grade and nano-TiO₂ particles on a human intestinal community.

Food and chemical toxicology : an international journal published for the British Industrial Biological Research

Association, Volume: 106 Issue: Pt A 2017 Aug

Authors Dufeoi W, Moniz K, Allen-Vercoe E, Ropers MH, Walker VK

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

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, Dejana 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

Fish oil, lard and soybean oil differentially shape gut microbiota of middle-aged rats.

Scientific reports, Volume: 7 Issue: 1 2017 Apr 11

Authors Li H, Zhu Y, Zhao F, Song S, Li Y, Xu X, Zhou G, Li C

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

Antagonistic Activity of *Lactobacillus reuteri* Strains on the Adhesion Characteristics of Selected Pathogens.

Frontiers in microbiology, Volume: 8 2017

Authors Singh TP, Kaur G, Kapila S, Malik RK

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

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

Deprescribing versus continuation of chronic proton pump inhibitor use in adults.

The Cochrane database of systematic reviews, Volume: 3 Issue: 3 2017 Mar 16

Authors Boghossian TA, Rashid FJ, Thompson W, Welch V, Moayyedi P, Rojas-Fernandez C, Pottie K, Farrell B

Effect of Whole Grain Qingke (Tibetan Hordeum vulgare L. Zangqing 320) on the Serum Lipid Levels and Intestinal

Microbiota of Rats under High-Fat Diet.**Journal of agricultural and food chemistry** , Volume: 65 Issue: 13 2017 Apr 5

Authors Xia X, Li G, Ding Y, Ren T, Zheng J, Kan J

Consumption of a diet rich in Brassica vegetables is associated with a reduced abundance of sulphate-reducing bacteria: A randomised crossover study.**Molecular nutrition & food research** , Volume: 61 Issue: 9 2017 Sep

Authors Kellingray L, Tapp HS, Saha S, Doleman JF, Narbad A, Mithen RF

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

Key bacterial families (Clostridiaceae, Erysipelotrichaceae and Bacteroidaceae) are related to the digestion of protein and energy in dogs.**PeerJ** , Volume: 5 2017

Authors Bermingham EN, Maclean P, Thomas DG, Cave NJ, Young W

Raw meat based diet influences faecal microbiome and end products of fermentation in healthy dogs.**BMC veterinary research** , Volume: 13 Issue: 1 2017 Feb 28

Authors Sandri M, Dal Monego S, Conte G, Sgorlon S, Stefanon B

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

Prebiotic inulin-type fructans induce specific changes in the human gut microbiota.**Gut** , Volume: 66 Issue: 11 2017 Nov

Authors Vandeputte D, Falony G, Vieira-Silva S, Wang J, Sailer M, Theis S, Verbeke K, Raes J

Kodo millet whole grain and bran supplementation prevents high-fat diet induced derangements in a lipid profile, inflammatory status and gut bacteria in mice.**Food & function** , Volume: 8 Issue: 3 2017 Mar 22

Authors Sarma SM, Khare P, Jagtap S, Singh DP, Baboota RK, Podili K, Boparai RK, Kaur J, Bhutani KK, Bishnoi M, Kondepudi KK

Substituting whole grains for refined grains in a 6-wk randomized trial has a modest effect on gut microbiota and immune and inflammatory markers of healthy adults.**The American journal of clinical nutrition** , Volume: 105 Issue: 3 2017 Mar

Authors Vanegas SM, Meydani M, Barnett JB, Goldin B, Kane A, Rasmussen H, Brown C, Vangay P, Knights D, Jonnalagadda S, Koecher K, Karl JP, Thomas M, Dolnikowski G, Li L, Saltzman E, Wu D, Meydani SN

Drunk bugs: Chronic vapour alcohol exposure induces marked changes in the gut microbiome in mice.**Behavioural brain research** , Volume: 323 2017 Apr 14

Authors Peterson VL, Jury NJ, Cabrera-Rubio R, Draper LA, Crispie F, Cotter PD, Dinan TG, Holmes A, Cryan JF

Bovine milk oligosaccharides decrease gut permeability and improve inflammation and microbial dysbiosis in diet-induced obese mice.**Journal of dairy science** , Volume: 100 Issue: 4 2017 Apr

Authors Boudry G, Hamilton MK, Chichlowski M, Wickramasinghe S, Barile D, Kalanetra KM, Mills DA, Raybould HE

Effect of Addition of Curcumin Nanoparticles on Antimicrobial Property and Shear Bond Strength of Orthodontic Composite to Bovine Enamel.**Journal of dentistry (Tehran, Iran)** , Volume: 13 Issue: 5 2016 Sep

Authors Sodağar A, Bahador A, Pourhajilbagher M, Ahmadi B, Baghaeian P

Impact of short-chain galactooligosaccharides on the gut microbiome of lactose-intolerant individuals.**Proceedings of the National Academy of Sciences of the United States of America** , Volume: 114 Issue: 3 2017 Jan 17

Authors Azcarate-Peril MA, Ritter AJ, Savaiano D, Monteagudo-Mera A, Anderson C, Magness ST, Klaenhammer TR

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, Soltys CM, Hamza SM, Byrne NJ, Masson G, Park H, Wishart DS, Madsen KL, Schertzer JD, Dyck JR

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

Oligofructose as an adjunct in treatment of diabetes in NOD mice.**Scientific reports** , Volume: 6 2016 Nov 22

Authors Chan C,Hyslop CM,Shrivastava V,Ochoa A,Reimer RA,Huang C

Hypocholesterolemic and Prebiotic Effects of a Whole-Grain Oat-Based Granola Breakfast Cereal in a Cardio-Metabolic "At Risk" Population.

Frontiers in microbiology , Volume: 7 2016

Authors Connolly ML,Tzounis X,Tuohy KM,Lovegrove JA

Veggies and Intact Grains a Day Keep the Pathogens Away.

Cell , Volume: 167 Issue: 5 2016 Nov 17

Authors Gazzaniga FS,Kasper DL

Lactate- and acetate-based cross-feeding interactions between selected strains of lactobacilli, bifidobacteria and colon bacteria in the presence of inulin-type fructans.

International journal of food microbiology , Volume: 241 2017 Jan 16

Authors Moens F,Verce M,De Vuyst L

Effects of long-term Bacillus subtilis CGMCC 1.921 supplementation on performance, egg quality, and fecal and cecal microbiota of laying hens.

Poultry science , Volume: 96 Issue: 5 2017 May 1

Authors Guo JR,Dong XF,Liu S,Tong JM

Fucosyllactose and L-fucose utilization of infant Bifidobacterium longum and Bifidobacterium kashiwanohense.

BMC microbiology , Volume: 16 Issue: 1 2016 Oct 26

Authors Bunesova V,Lacroix C,Schwab C

Unusual sub-genus associations of faecal Prevotella and Bacteroides with specific dietary patterns.

Microbiome , Volume: 4 Issue: 1 2016 Oct 21

Authors De Filippis F,Pellegrini N,Laghi L,Gobbetti M,Ercolini D

Insights from 100 Years of Research with Probiotic E. Coli

European Journal of Microbiology & Immunology , Volume: 6 Issue: 3 2016 Sep 29

Authors Wassenaar TM

Oral supplementation of healthy adults with 2`-O-fucosyllactose and lacto-N-neotetraose is well tolerated and shifts the intestinal microbiota.

The British journal of nutrition , Volume: 116 Issue: 8 2016 Oct

Authors Elison E,Vigsnæs LK,Rindom Krogsgaard L,Rasmussen J,Sørensen N,McConnell B,Hennet T,Sommer MO,Bytzer P

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

Efficacy and role of inulin in mitigation of enteric sulfur-containing odor in pigs.

Journal of the science of food and agriculture , Volume: 97 Issue: 8 2017 Jun

Authors Deng YF,Liu YY,Zhang YT,Wang Y,Liang JB,Tufarelli V,Laudadio V,Liao XD

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

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

An ATP Binding Cassette Transporter Mediates the Uptake of α -(1,6)-Linked Dietary Oligosaccharides in Bifidobacterium and Correlates with Competitive Growth on These Substrates.

The Journal of biological chemistry , Volume: 291 Issue: 38 2016 Sep 16

Authors Ejby M,Fredslund F,Andersen JM,Vujicic Žagar A,Henriksen JR,Andersen TL,Svensson B,Slotboom DJ,Abou Hachem M

Curcumin protects mice from Staphylococcus aureus pneumonia by interfering with the self-assembly process of α -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

Ecophysiological consequences of alcoholism on human gut microbiota: implications for ethanol-related pathogenesis of colon cancer.

Scientific reports , Volume: 6 2016 Jun 13

Authors Tsuruya A,Kuwahara A,Saito Y,Yamaguchi H,Tsubo T,Suga S,Inai M,Aoki Y,Takahashi S,Tsutsumi E,Suwa Y,Morita

H,Kinoshita K,Totsuka Y,Suda W,Oshima K,Hattori M,Mizukami T,Yokoyama A,Shimoyama T,Nakayama T

[Obese ZDF rats fermented resistant starch with effects on gut microbiota but no reduction in abdominal fat.](#)

Molecular nutrition & food research , Volume: 61 Issue: 1 2017 Jan

Authors Goldsmith F,Guice J,Page R,Welsh DA,Taylor CM,Blanchard EE,Luo M,Raggio AM,Stout RW,Carvajal-Aldaz D,Gaither A,Pelkman C,Ye J,Martin RJ,Geaghan J,Durham HA,Coulon D,Keenan MJ

[Screening of Bifidobacteria and Lactobacilli Able to Antagonize the Cytotoxic Effect of Clostridium difficile upon Intestinal Epithelial HT29 Monolayer.](#)

Frontiers in microbiology , Volume: 7 2016

Authors Valdés-Varela L,Alonso-Guervos M,García-Suárez O,Gueimonde M,Ruas-Madiedo P

[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,Moscato L,Onofri A,Lorenzetti C,Franciosi MP

[Effect of probiotic yoghurt on animal-based diet-induced change in gut microbiota: an open, randomised, parallel-group study.](#)

Beneficial microbes , Volume: 7 Issue: 4 2016 Sep

Authors Odamaki T,Kato K,Sugahara H,Xiao JZ,Abe F,Benno Y

[Exposure to TiO2 nanoparticles increases Staphylococcus aureus infection of HeLa cells.](#)

Journal of nanobiotechnology , Volume: 14 2016 Apr 22

Authors Xu Y,Wei MT,Ou-Yang HD,Walker SG,Wang HZ,Gordon CR,Guterman S,Zawacki E,Applebaum E,Brink PR,Rafailovich M,Mironava T

[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

[Intake of Meat Proteins Substantially Increased the Relative Abundance of Genus Lactobacillus in Rat Feces.](#)

PloS one , Volume: 11 Issue: 4 2016

Authors Zhu Y,Lin X,Li H,Li Y,Shi X,Zhao F,Xu X,Li C,Zhou G

[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

[Prebiotics and Bioactive Milk Fractions Affect Gut Development, Microbiota, and Neurotransmitter Expression in Piglets.](#)

Journal of pediatric gastroenterology and nutrition , Volume: 63 Issue: 6 2016 Dec

Authors Berding K,Wang M,Monaco MH,Alexander LS,Mudd AT,Chichlowski M,Waworuntu RV,Berg BM,Miller MJ,Dilger RN,Donovan SM

[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

[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,Gujska E,Kaczowska J,Drozdzyńska A,Walkowiak J

[A comparison of the gut microbiome between long-term users and non-users of proton pump inhibitors.](#)

Alimentary pharmacology & therapeutics , Volume: 43 Issue: 9 2016 May

Authors Clooney AG,Bernstein CN,Leslie WD,Vagianos K,Sargent M,Laserna-Mendieta EJ,Claesson MJ,Targownik LE

[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

[High Molecular Weight Barley \$\beta\$ -Glucan Alters Gut Microbiota Toward Reduced Cardiovascular Disease Risk.](#)

Frontiers in microbiology , Volume: 7 2016

Authors Wang Y,Ames NP,Tun HM,Tosh SM,Jones PJ,Khafipour E

[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

[The Colonic Microbiome and Epithelial Transcriptome Are Altered in Rats Fed a High-Protein Diet Compared with a Normal-](#)

Protein Diet.**The Journal of nutrition** , Volume: 146 Issue: 3 2016 Mar

Authors Mu C,Yang Y,Luo Z,Guan L,Zhu W

High purity galacto-oligosaccharides enhance specific Bifidobacterium species and their metabolic activity in the mouse gut microbiome.**Beneficial microbes** , Volume: 7 Issue: 2 2016

Authors Monteagudo-Mera A,Arthur JC,Jobin C,Keku T,Bruno-Barcena JM,Azcarate-Peril MA

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

Antimicrobial Properties of a Potential Probiotic Lactobacillus from Thai Newborn Feces.**Journal of the Medical Association of Thailand = Chotmaihet thangkaet** , Volume: 98 Suppl 9 2015 Oct

Authors Chimchang J,Theparee T,Ladda B,Tanasupawat S,Wongsatayanon BT,Taweetchotipatr M

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

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

Extrusion of barley and oat influence the fecal microbiota and SCFA profile of growing pigs.**Food & function** , Volume: 7 Issue: 2 2016 Feb

Authors Moen B,Berget I,Rud I,Hole AS,Kjos NP,Sahlström S

Western diet induces a shift in microbiota composition enhancing susceptibility to Adherent-Invasive E. coli infection and intestinal inflammation.**Scientific reports** , Volume: 6 2016 Jan 8

Authors Agus A,Denizot J,Thévenot J,Martinez-Medina M,Massier S,Sauvanet P,Bernalier-Donadille A,Denis S,Hofman P,Bonnet R,Billard E,Barnich N

Dietary Isomers of Sialyllactose Increase Ganglioside Sialic Acid Concentrations in the Corpus Callosum and Cerebellum and Modulate the Colonic Microbiota of Formula-Fed Piglets.**The Journal of nutrition** , Volume: 146 Issue: 2 2016 Feb

Authors Jacobi SK,Yatsunenkov T,Li D,Dasgupta S,Yu RK,Berg BM,Chichlowski M,Odle J

Antimicrobial Potential of Papain Chemomechanical Agent on Streptococcus Mutans and Lactobacillus Casei Followed by the Use of Self-Etching Adhesive Systems.**The Journal of clinical pediatric dentistry** , Volume: 40 Issue: 1 2016 Winter

Authors Basting RT,Gonçalves FR,França FM,do Amaral FL,Flório FM

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

Role of colonic microbiota in colorectal carcinogenesis: a systematic review.**Revista española 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

Effect of Bacillus subtilis CGMCC 1.1086 on the growth performance and intestinal microbiota of broilers.**Journal of applied microbiology** , Volume: 120 Issue: 1 2016 Jan

Authors Li Y,Xu Q,Huang Z,Lv L,Liu X,Yin C,Yan H,Yuan J

Meat, dairy and plant proteins alter bacterial composition of rat gut bacteria.**Scientific reports** , Volume: 5 2015 Oct 14

Authors Zhu Y,Lin X,Zhao F,Shi X,Li H,Li Y,Zhu W,Xu X,Li C,Zhou G

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

Microbial populations and fermentation profiles in rumen liquid and solids of Holstein cows respond differently to dietary barley processing.

Journal of applied microbiology , Volume: 119 Issue: 6 2015 Dec

Authors Metzler-Zebeli BU,Khol-Parisini A,Gruber L,Zebeli Q

Effect of Whole-Grain Barley on the Human Fecal Microbiota and Metabolome.

Applied and environmental microbiology , Volume: 81 Issue: 22 2015 Nov

Authors De Angelis M,Montemurno E,Vannini L,Cosola C,Cavallo N,Gozzi G,Maranzano V,Di Cagno R,Gobbetti M,Gesualdo 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

Reutericyclin producing Lactobacillus reuteri modulates development of fecal microbiota in weanling pigs.

Frontiers in microbiology , Volume: 6 2015

Authors Yang Y,Zhao X,Le MH,Zijlstra RT,Gänzle MG

Characterization of the Intestinal Lactobacilli Community following Galactooligosaccharides and Polydextrose

Supplementation in the Neonatal Piglet.

PloS one , Volume: 10 Issue: 8 2015

Authors Hoeflinger JL,Kashtanov DO,Cox SB,Dowd SE,Jouni ZE,Donovan SM,Miller MJ

Effect of starch source (corn, oats or wheat) and concentration on fermentation by equine faecal microbiota in vitro.

Journal of applied microbiology , Volume: 119 Issue: 5 2015 Nov

Authors Harlow BE,Donley TM,Lawrence LM,Flythe MD

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,Tavaria F,Vasconcelos M,Gomes AM

Sex differences in gut fermentation and immune parameters in rats fed an oligofructose-supplemented diet.

Biology of sex differences , Volume: 6 2015

Authors Shastri P,McCarville J,Kalmokoff M,Brooks SP,Green-Johnson JM

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 JJ,Gosalbes MJ,Macià A,Rubió L,Vázquez-Castellanos JF,Jiménez Hernández N,Moya A,Latorre A,Motilva MJ

Agave Inulin Supplementation Affects the Fecal Microbiota of Healthy Adults Participating in a Randomized, Double-Blind, Placebo-Controlled, Crossover Trial.

The Journal of nutrition , Volume: 145 Issue: 9 2015 Sep

Authors Holscher HD,Bauer LL,Gourineni V,Pelkman CL,Fahey GC Jr,Swanson KS

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

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

Modulation of gut microbiota in rats fed high-fat diets by processing whole-grain barley to barley malt.

Molecular nutrition & food research , Volume: 59 Issue: 10 2015 Oct

Authors Zhong Y,Nyman M,Fåk F

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

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

In Vitro Effects of Dietary Inulin on Human Fecal Microbiota and Butyrate Production.

Journal of microbiology and biotechnology , Volume: 25 Issue: 9 2015 Sep

Authors Jung TH, Jeon WM, Han KS

[Butyrylated starch intake can prevent red meat-induced O6-methyl-2-deoxyguanosine adducts in human rectal tissue: a randomised clinical trial.](#)

The British journal of nutrition , Volume: 114 Issue: 2 2015 Jul

Authors Le Leu RK, Winter JM, Christophersen CT, Young GP, Humphreys KJ, Hu Y, Gratz SW, Miller RB, Topping DL, Bird AR, Conlon MA

[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

[Review article: dietary fibre-microbiota interactions.](#)

Alimentary pharmacology & therapeutics , Volume: 42 Issue: 2 2015 Jul

Authors Simpson HL, Campbell BJ

[Oral Microbiota Shift after 12-Week Supplementation with Lactobacillus reuteri DSM 17938 and PTA 5289; A Randomized Control Trial.](#)

PloS one , Volume: 10 Issue: 5 2015

Authors Romani Vestman N, Chen T, Lif Holgersson P, Öhman C, Johansson I

[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

[Effects of two whole-grain barley varieties on caecal SCFA, gut microbiota and plasma inflammatory markers in rats consuming low- and high-fat diets.](#)

The British journal of nutrition , Volume: 113 Issue: 10 2015 May 28

Authors Zhong Y, Marungruang N, Fåk F, Nyman M

[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

[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

[In vitro fermentation of fructooligosaccharides with human gut bacteria.](#)

Food & function , Volume: 6 Issue: 3 2015 Mar

Authors Mao B, Li D, Zhao J, Liu X, Gu Z, Chen YQ, Zhang H, Chen W

[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

[Fecal microbiota composition of breast-fed infants is correlated with human milk oligosaccharides consumed.](#)

Journal of pediatric gastroenterology and nutrition , Volume: 60 Issue: 6 2015 Jun

Authors Wang M, Li M, Wu S, Lebrilla CB, Chapkin RS, Ivanov I, Donovan SM

[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

[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

[\[Clinical benefits after soluble dietary fiber supplementation: a randomized clinical trial in adults with slow-transit constipation\].](#)

Zhonghua yi xue za zhi , Volume: 94 Issue: 48 2014 Dec 30

Authors Xu L, Yu W, Jiang J, Li N

[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

[Metagenomic insights into the effects of fructo-oligosaccharides \(FOS\) on the composition of fecal microbiota in mice.](#)

Journal of agricultural and food chemistry , Volume: 63 Issue: 3 2015 Jan 28

Authors Mao B, Li D, Zhao J, Liu X, Gu Z, Chen YQ, Zhang H, Chen W

[Distinct gene signatures in aortic tissue from ApoE^{-/-} mice exposed to pathogens or Western diet.](#)

BMC genomics , Volume: 15 Issue: 1 2014 Dec 24

Authors Kramer CD, Weinberg EO, Gower AC, He X, Mekasha S, Slocum C, Beaulieu LM, Wetzler L, Alekseyev Y, Gibson FC 3rd, Freedman JE, Ingalls RR, Genco CA

[Metatranscriptomic analyses of plant cell wall polysaccharide degradation by microorganisms in the cow rumen.](#)

Applied and environmental microbiology , Volume: 81 Issue: 4 2015 Feb

Authors Dai X, Tian Y, Li J, Luo Y, Liu D, Zheng H, Wang J, Dong Z, Hu S, Huang L

[Antimicrobial Effect of Lactobacillus reuteri on Cariogenic Bacteria Streptococcus gordonii, Streptococcus mutans, and Periodontal Diseases Actinomyces naeslundii and Tannerella forsythia.](#)

Probiotics and antimicrobial proteins , Volume: 7 Issue: 1 2015 Mar

Authors Baca-Castañón ML, De la Garza-Ramos MA, Alcázar-Pizaña AG, Grondin Y, Coronado-Mendoza A, Sánchez-Najera RI, Cárdenas-Estrada E, Medina-De la Garza CE, Escamilla-García E

[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

[Chemically defined diet alters the protective properties of fructo-oligosaccharides and isomalto-oligosaccharides in HLA-B27 transgenic rats.](#)

PloS one , Volume: 9 Issue: 11 2014

Authors Koleva P, Ketabi A, Valcheva R, Gänzle MG, Dieleman LA

[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

[Prebiotic effect of an infant formula supplemented with galacto-oligosaccharides: randomized multicenter trial.](#)

Journal of the American College of Nutrition , Volume: 33 Issue: 5 2014

Authors Giovannini M, Verduci E, Gregori D, Ballali S, Soldi S, Ghisleni D, Riva E, PLAGOS Trial Study Group.

[Use of selected lactic acid bacteria in the eradication of Helicobacter pylori infection.](#)

Journal of microbiology (Seoul, Korea) , Volume: 52 Issue: 11 2014 Nov

Authors Kim JE, Kim MS, Yoon YS, Chung MJ, Yum DY

[Effect of Bacillus subtilis C-3102 spores as a probiotic feed supplement on growth performance, noxious gas emission, and intestinal microflora in broilers.](#)

Poultry science , Volume: 93 Issue: 12 2014 Dec

Authors Jeong JS, Kim IH

[Long-term intake of a high prebiotic fiber diet but not high protein reduces metabolic risk after a high fat challenge and uniquely alters gut microbiota and hepatic gene expression.](#)

Nutrition research (New York, N.Y.) , Volume: 34 Issue: 9 2014 Sep

Authors Saha DC, Reimer RA

[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

[Coexpression and secretion of endoglucanase and phytase genes in Lactobacillus reuteri.](#)

International journal of molecular sciences , Volume: 15 Issue: 7 2014 Jul 21

Authors Wang L, Yang Y, Cai B, Cao P, Yang M, Chen Y

Effect of Feeding *Bacillus subtilis* natto on Hindgut Fermentation and Microbiota of Holstein Dairy Cows.

Asian-Australasian journal of animal sciences , Volume: 27 Issue: 4 2014 Apr

Authors Song DJ,Kang HY,Wang JQ,Peng H,Bu DP

Cereal byproducts have prebiotic potential in mice fed a high-fat diet.

Journal of agricultural and food chemistry , Volume: 62 Issue: 32 2014 Aug 13

Authors Berger K,Falck P,Linninge C,Nilsson U,Axling U,Grey C,Stålbrand H,Nordberg Karlsson E,Nyman M,Holm C,Adlercreutz P

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

Second meal effect on appetite and fermentation of wholegrain rye foods.

Appetite , Volume: 80 2014 Sep

Authors Ibrügger S,Vigsnaes LK,Blennow A,Blooming E,Raben A,Lauritzen L,Kristensen M

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

The inhibitory effect of a fermented papaya preparation on growth, hydrophobicity, and acid production of *Streptococcus mutans*, *Streptococcus mitis*, and *Lactobacillus acidophilus*: its implications in oral health improvement of diabetics.

Food science & nutrition , Volume: 1 Issue: 6 2013 Nov

Authors Somanah J,Bourdon E,Bahorun T,Aruoma OI

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

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

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

Changes chemopreventive markers in colorectal cancer development after inulin supplementation.

Bratislavske lekarske listy , Volume: 115 Issue: 2 2014

Authors Hájová E, Szabadosová V, Strojny L, Bomba A

RNA-stable-isotope probing shows utilization of carbon from inulin by specific bacterial populations in the rat large bowel.

Applied and environmental microbiology , Volume: 80 Issue: 7 2014 Apr

Authors Tannock GW, Lawley B, Munro K, Sims IM, Lee J, Butts CA, Roy N

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

Low incidence of spontaneous type 1 diabetes in non-obese diabetic mice raised on gluten-free diets is associated with changes in the intestinal microbiome.

PloS one , Volume: 8 Issue: 11 2013

Authors Marietta EV, Gomez AM, Yeoman C, Tilahun AY, Clark CR, Luckey DH, Murray JA, White BA, Kudva YC, Rajagopalan G

Bifidogenic effect of whole-grain wheat during a 12-week energy-restricted dietary intervention in postmenopausal women.

European journal of clinical nutrition , Volume: 67 Issue: 12 2013 Dec

Authors Christensen EG, Licht TR, Kristensen M, Bahl MI

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, Smorągiewicz W

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, Petricevic S, Radulovic Z, Begovic J, Golic N, Topisirovic L, Strahinic I

Utilization of major fucosylated and sialylated human milk oligosaccharides by isolated human gut microbes.

Glycobiology , Volume: 23 Issue: 11 2013 Nov

Authors Yu ZT, Chen C, Newburg DS

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

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

Effects of micronized okara dietary fiber on cecal microbiota, serum cholesterol and lipid levels in BALB/c mice.

International journal of food sciences and nutrition , Volume: 64 Issue: 8 2013 Dec

Authors Li T, Zhong JZ, Wan J, Liu CM, Le BY, Liu W, Fu GM

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

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, Tadeipalli S, Krauss E, Young R, Wu VC

Intestinal microbiology in early life: specific prebiotics can have similar functionalities as human-milk oligosaccharides.

The American journal of clinical nutrition , Volume: 98 Issue: 2 2013 Aug

Authors Oozeer R, van Limpt K, Ludwig T, Ben Amor K, Martin R, Wind RD, Boehm G, Knol J

Probiotic *Lactobacillus reuteri* attenuates the stressor-enhanced severity of *Citrobacter rodentium* infection.

Infection and immunity , Volume: 81 Issue: 9 2013 Sep

Authors Mackos AR, Eubank TD, Parry NM, Bailey MT

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

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

Fiber and prebiotics: mechanisms and health benefits.

Nutrients , Volume: 5 Issue: 4 2013 Apr 22

Authors Slavin J

Inulin-type fructans with different degrees of polymerization improve lipid metabolism but not glucose metabolism in rats fed a high-fat diet under energy restriction.

Digestive diseases and sciences , Volume: 58 Issue: 8 2013 Aug

Authors Han KH, Tsuchihira H, Nakamura Y, Shimada K, Ohba K, Aritsuka T, Uchino H, Kikuchi H, Fukushima M

Influence of coffee (*Coffea arabica*) and galacto-oligosaccharide consumption on intestinal microbiota and the host responses.

FEMS microbiology letters , Volume: 343 Issue: 2 2013 Jun

Authors Nakayama T, Oishi K

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

Grain-rich diets differently alter ruminal and colonic abundance of microbial populations and lipopolysaccharide in goats.

Anaerobe , Volume: 20 2013 Apr

Authors Metzler-Zebeli BU, Schmitz-Esser S, Klevenhusen F, Podstatzky-Lichtenstein L, Wagner M, Zebeli Q

Fecal microbial communities of healthy adult dogs fed raw meat-based diets with or without inulin or yeast cell wall extracts as assessed by 454 pyrosequencing.

FEMS microbiology ecology , Volume: 84 Issue: 3 2013 Jun

Authors Beloshapka AN, Dowd SE, Suchodolski JS, Steiner JM, Duclos L, Swanson KS

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 MU,Al-Attal Y,Salom K

In vitro fermentation of commercial a-gluco-oligosaccharide by faecal microbiota from lean and obese human subjects.

The British journal of nutrition , Volume: 109 Issue: 11 2013 Jun

Authors Sarbini SR,Kolida S,Gibson GR,Rastall RA

Effects of oat β -glucan and barley β -glucan on fecal characteristics, intestinal microflora, and intestinal bacterial metabolites in rats.

Journal of agricultural and food chemistry , Volume: 60 Issue: 45 2012 Nov 14

Authors Shen RL,Dang XY,Dong JL,Hu XZ

Gut microbiome composition is linked to whole grain-induced immunological improvements.

The ISME journal , Volume: 7 Issue: 2 2013 Feb

Authors Martínez I,Lattimer JM,Hubach KL,Case JA,Yang J,Weber CG,Louk JA,Rose DJ,Kyureghian G,Peterson DA,Haub MD,Walter J

The principal fucosylated oligosaccharides of human milk exhibit prebiotic properties on cultured infant microbiota.

Glycobiology , Volume: 23 Issue: 2 2013 Feb

Authors Yu ZT,Chen C,Kling DE,Liu B,McCoy JM,Merighi M,Heidtman M,Newburg DS

Effects of cereal β -glucans and enzyme inclusion on the porcine gastrointestinal tract microbiota.

Anaerobe , Volume: 18 Issue: 6 2012 Dec

Authors Murphy P,Bello FD,O'Doherty JV,Arendt EK,Sweeney T,Coffey A

Effects of potato fiber and potato-resistant starch on biomarkers of colonic health in rats fed diets containing red meat.

Journal of food science , Volume: 77 Issue: 10 2012 Oct

Authors Paturi G,Nyanhanda T,Butts CA,Herath TD,Monro JA,Ansell J

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

The inhibitory activity of tyfified 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

Enzyme deactivation treatments did not decrease the beneficial role of oat food in intestinal microbiota and short-chain fatty acids: an in vivo study.

Journal of the science of food and agriculture , Volume: 93 Issue: 3 2013 Feb

Authors Hu X,Xing X,Zhen H

Effect of chito-oligosaccharide on growth performance, intestinal barrier function, intestinal morphology and cecal microflora in weaned pigs.

Journal of animal science , Volume: 90 Issue: 8 2012 Aug

Authors Yang CM,Ferket PR,Hong QH,Zhou J,Cao GT,Zhou L,Chen AG

Inulin modifies the bifidobacteria population, fecal lactate concentration, and fecal pH but does not influence iron absorption in women with low iron status.

The American journal of clinical nutrition , Volume: 96 Issue: 2 2012 Aug

Authors Petry N,Egli I,Chassard C,Lacroix C,Hurrell R

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

Modulation of the norfloxacin resistance in Staphylococcus aureus by Croton campestris A. and Ocimum gratissimum L.

Biomedica : revista del Instituto Nacional de Salud , Volume: 31 Issue: 4 2011 Oct-Dec

Authors Coutinho HD,Matias EF,Santos KK,Santos FA,Morais-Braga MF,Souza TM,Andrade JC,Souza CE,Tintino SR,Guedes GM,Falcão-Silva VS,Siqueira-Júnior JP,Costa JG

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

Microbiota benefits after inulin and partially hydrolyzed guar gum supplementation: a randomized clinical trial in constipated women.

Nutricion hospitalaria , Volume: 27 Issue: 1 2012 Jan-Feb

Authors Linetzky Waitzberg D,Alves Pereira CC,Logullo L,Manzoni Jacintho T,Almeida D,Teixeira da Silva ML,Matos de Miranda Torrinhas RS

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

The antimicrobial action of chitosan, low molar mass chitosan, and chitooligosaccharides on human colonic bacteria.

Folia microbiologica , Volume: 57 Issue: 4 2012 Jul

Authors Simunek J,Brandysová V,Koppová I,Simunek J Jr

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

Microbial composition and in vitro fermentation patterns of human milk oligosaccharides and prebiotics differ between formula-fed and sow-reared piglets.

The Journal of nutrition , Volume: 142 Issue: 4 2012 Apr

Authors Li M,Bauer LL,Chen X,Wang M,Kuhlenschmidt TB,Kuhlenschmidt MS,Fahey GC Jr,Donovan SM

Inulin and fructo-oligosaccharides have divergent effects on colitis and commensal microbiota in HLA-B27 transgenic rats.

The British journal of nutrition , Volume: 108 Issue: 9 2012 Nov 14

Authors Koleva PT,Valcheva RS,Sun X,Gänzle MG,Dieleman LA

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

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

High-level dietary fibre up-regulates colonic fermentation and relative abundance of saccharolytic bacteria within the human faecal microbiota in vitro.

European journal of nutrition , Volume: 51 Issue: 6 2012 Sep

Authors Shen Q,Zhao L,Tuohy KM

Inhibition of growth of highly resistant bacterial and fungal pathogens by a natural product.

The open microbiology journal , Volume: 5 2011

Authors Hafidh RR,Abdulmir AS,Vern LS,Abu Bakar F,Abas F,Jahanshiri F,Sekawi Z

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

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

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

[Effect of \$\beta\$ -glucanase and xylanase supplementation of barley- and rye-based diets on caecal microbiota of broiler chickens.](#)

British poultry science , Volume: 51 Issue: 4 2010 Aug

Authors Jozefiak D,Rutkowski A,Kaczmarek S,Jensen BB,Engberg RM,Højberg O

[In vitro evaluation of the microbiota modulation abilities of different sized whole oat grain flakes.](#)

Anaerobe , Volume: 16 Issue: 5 2010 Oct

Authors Connolly ML,Lovegrove JA,Tuohy KM

[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

[Consumption of human milk oligosaccharides by gut-related microbes.](#)

Journal of agricultural and food chemistry , Volume: 58 Issue: 9 2010 May 12

Authors Marcobal A,Barboza M,Froehlich JW,Block DE,German JB,Lebrilla CB,Mills DA

[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

[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

[Human gut bacterial communities are altered by addition of cruciferous vegetables to a controlled fruit- and vegetable-free diet.](#)

The Journal of nutrition , Volume: 139 Issue: 9 2009 Sep

Authors Li F,Hullar MA,Schwarz Y,Lampe JW

[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

[In vitro effects of selected synbiotics on the human faecal microbiota composition.](#)

FEMS microbiology ecology , Volume: 66 Issue: 3 2008 Dec

Authors Saulnier DM,Gibson GR,Kolida S

[Exopolysaccharides produced by intestinal Bifidobacterium strains act as fermentable substrates for human intestinal bacteria.](#)

Applied and environmental microbiology , Volume: 74 Issue: 15 2008 Aug

Authors Salazar N,Gueimonde M,Hernández-Barranco AM,Ruas-Madiedo P,de los Reyes-Gavilán CG

[In vitro fermentation of oat and barley derived beta-glucans by human faecal microbiota.](#)

FEMS microbiology ecology , Volume: 64 Issue: 3 2008 Jun

Authors Hughes SA,Shewry PR,Gibson GR,McCleary BV,Rastall RA

[Baseline microbiota activity and initial bifidobacteria counts influence responses to prebiotic dosing in healthy subjects.](#)

Alimentary pharmacology & therapeutics , Volume: 27 Issue: 6 2008 Mar 15

Authors de Preter V,Vanhoutte T,Huys G,Swings J,Rutgeerts P,Verbeke K

[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

[Brazilian green propolis on Helicobacter pylori infection. a pilot clinical study.](#)

Helicobacter , Volume: 12 Issue: 5 2007 Oct

Authors Coelho LG,Bastos EM,Resende CC,Paula e Silva CM,Sanches BS,de Castro FJ,Moretzsohn LD,Vieira WL,Trindade OR

[The antibacterial activity of plant extracts containing polyphenols against Streptococcus mutans.](#)

Caries research , Volume: 41 Issue: 5 2007

Authors Smullen J,Koutsou GA,Foster HA,Zumbé A,Storey DM

[Evaluation of fermentable oligosaccharides in diets fed to dogs in comparison to fiber standards.](#)

Journal of animal science , Volume: 85 Issue: 11 2007 Nov

Authors Middelbos IS,Fasting ND,Fahey GC Jr

[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

Jerusalem artichoke and chicory inulin in bakery products affect faecal microbiota of healthy volunteers.

The British journal of nutrition , Volume: 98 Issue: 3 2007 Sep

Authors Kleessen B,Schwarz S,Boehm A,Fuhrmann H,Richter A,Henle T,Krueger M

Supplementation of baby formula with native inulin has a prebiotic effect in formula-fed babies.

Asia Pacific journal of clinical nutrition , Volume: 16 Issue: 1 2007

Authors Kim SH,Lee DH,Meyer D

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

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

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

Preparation and antimicrobial activity of gelatin microparticles containing propolis against oral pathogens.

Drug development and industrial pharmacy , Volume: 32 Issue: 2 2006 Feb

Authors Bruschi ML,Lara EH,Martins CH,Vinholis AH,Casemiro LA,Panzeri H,Gremião MP

Effects of combining extracts (from propolis or *Zingiber officinale*) with clarithromycin on *Helicobacter pylori*.

Phytotherapy research : PTR , Volume: 20 Issue: 3 2006 Mar

Authors Nostro A,Cellini L,Di Bartolomeo S,Cannatelli MA,Di Campli E,Procopio F,Grande R,Marzio L,Alonzo V

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

Increase of faecal bifidobacteria due to dietary oligosaccharides induces a reduction of clinically relevant pathogen germs in the faeces of formula-fed preterm infants.

Acta paediatrica (Oslo, Norway : 1992). Supplement , Volume: 94 Issue: 449 2005 Oct

Authors Knol J,Boehm G,Lidestri M,Negretti F,Jelinek J,Agosti M,Stahl B,Marini A,Mosca F

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

The influence of a novel propolis on mutans streptococci biofilms and caries development in rats.

Archives of oral biology , Volume: 51 Issue: 1 2006 Jan

Authors Duarte S,Rosalen PL,Hayacibara MF,Cury JA,Bowen WH,Marquis RE,Rehder VL,Sartoratto A,Ikegaki M,Koo H

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

Antibacterial effect of plant extracts against *Helicobacter pylori*.

Phytotherapy research : PTR , Volume: 19 Issue: 3 2005 Mar

Authors Nostro A,Cellini L,Di Bartolomeo S,Di Campli E,Grande R,Cannatelli MA,Marzio L,Alonzo V

In vitro and in vivo effects of isolated fractions of Brazilian propolis on caries development.

Journal of ethnopharmacology , Volume: 101 Issue: 1-3 2005 Oct 3

Authors Hayacibara MF, Koo H, Rosalen PL, Duarte S, Franco EM, Bowen WH, Ikegaki M, Cury JA

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, Coğulu 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

Activity of Bulgarian propolis against 94 Helicobacter pylori strains in vitro by agar-well diffusion, agar dilution and disc diffusion methods.

Journal of medical microbiology , Volume: 54 Issue: Pt 5 2005 May

Authors Boyanova L, Gergova G, Nikolov R, Derejian S, Lazarova E, Katsarov N, Mitov I, Krastev Z

[Antimicrobial properties of bee preparations in ointment form].

Mikrobiologichnyi zhurnal (Kiev, Ukraine : 1993) , Volume: 66 Issue: 6 2004 Nov-Dec

Authors Postoienco VO, Senchuhova NA, Postoienco OM, Patyka VP

Molecular and microbiological analysis of caecal microbiota in rats fed with diets supplemented either with prebiotics or probiotics.

International journal of food microbiology , Volume: 98 Issue: 3 2005 Feb 15

Authors Montesi A, García-Albiach R, Pozuelo MJ, Pintado C, Goñi I, Rotger R

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 Gebara EC, Pustiglioni AN, de Lima LA, Mayer MP

Comparative evaluation of in-vitro effects of Brazilian green propolis and Baccharis dracunculifolia extracts on cariogenic factors of Streptococcus mutans.

Biological & pharmaceutical bulletin , Volume: 27 Issue: 11 2004 Nov

Authors Leitão DP, Filho AA, Polizello AC, Bastos JK, Spadaro AC

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

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

Effect of a novel type of propolis and its chemical fractions on glucosyltransferases and on growth and adherence of mutans streptococci.

Biological & pharmaceutical bulletin , Volume: 26 Issue: 4 2003 Apr

Authors Duarte S, Koo H, Bowen WH, Hayacibara MF, Cury JA, Ikegaki M, Rosalen PL

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

Turmeric (Curcuma longa) and curcumin inhibit the growth of Helicobacter pylori, a group 1 carcinogen.

Anticancer research , Volume: 22 Issue: 6C 2002 Nov-Dec

Authors Mahady GB, Pendland SL, Yun G, Lu ZZ

Dietary fiber-rich barley products beneficially affect the intestinal tract of rats.

The Journal of nutrition , Volume: 132 Issue: 12 2002 Dec

Authors Dongowski G, Huth M, Gebhardt E, Flamme W

Culture-independent microbial community analysis reveals that inulin in the diet primarily affects previously unknown bacteria in the mouse cecum.

Applied and environmental microbiology , Volume: 68 Issue: 10 2002 Oct

Authors Apajalahti JH, Kettunen H, Kettunen A, Holben WE, Nurminen PH, Rautonen N, Mutanen M

Improvement of the probiotic effect of micro-organisms by their combination with maltodextrins, fructo-oligosaccharides and polyunsaturated fatty acids.

The British journal of nutrition , Volume: 88 Suppl 1 2002 Sep

Authors Bomba A, Nemcová R, Gancarcíková S, Herich R, Guba P, Mudronová D

Effects of compounds found in propolis on Streptococcus mutans growth and on glucosyltransferase activity.

Antimicrobial agents and chemotherapy , Volume: 46 Issue: 5 2002 May

Authors Koo H,Rosalen PL,Cury JA,Park YK,Bowen WH

Prebiotic treatment of experimental colitis with germinated barley foodstuff: a comparison with probiotic or antibiotic treatment.

International journal of molecular medicine , Volume: 9 Issue: 1 2002 Jan

Authors Fukuda M,Kanauchi O,Araki Y,Andoh A,Mitsuyama K,Takagi K,Toyonaga A,Sata M,Fujiyama Y,Fukuoka M,Matsumoto Y,Bamba T

Oligofructose and long-chain inulin: influence on the gut microbial ecology of rats associated with a human faecal flora.

The British journal of nutrition , Volume: 86 Issue: 2 2001 Aug

Authors Kleessen B,Hartmann L,Blaut M

Enrichment of bifidobacteria in the hen caeca by dietary inulin.

Folia microbiologica , Volume: 46 Issue: 1 2001

Authors Rada V,Dusková D,Marounek M,Petr J

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

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

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

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

Effect of a new variety of Apis mellifera propolis on mutants Streptococci.

Current microbiology , Volume: 41 Issue: 3 2000 Sep

Authors Koo H,Rosalen PL,Cury JA,Ambrosano GM,Murata RM,Yatsuda R,Ikegaki M,Alencar SM,Park YK

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

Comparative effects of moxifloxacin and clarithromycin on the normal intestinal microflora.

Scandinavian journal of infectious diseases , Volume: 32 Issue: 1 2000

Authors Edlund C,Beyer G,Hiemer-Bau M,Ziege S,Lode H,Nord CE

Changes in fecal microflora induced by intubation of mice with Bacillus subtilis (natto) spores are dependent upon dietary components.

Canadian journal of microbiology , Volume: 45 Issue: 1 1999 Jan

Authors Hosoi T,Ametani A,Kiuchi K,Kaminogawa S

Increased growth of Bifidobacterium and Eubacterium by germinated barley foodstuff, accompanied by enhanced butyrate production in healthy volunteers.

International journal of molecular medicine , Volume: 3 Issue: 2 1999 Feb

Authors Kanauchi O,Fujiyama Y,Mitsuyama K,Araki Y,Ishii T,Nakamura T,Hitomi Y,Agata K,Saiki T,Andoh A,Toyonaga A,Bamba T

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

Continuous culture selection of bifidobacteria and lactobacilli from human faecal samples using fructooligosaccharide as selective substrate.

Journal of applied microbiology , Volume: 85 Issue: 4 1998 Oct

Authors Sghir A,Chow JM,Mackie RI

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

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

Antibacterial effect of propolis and honey on oral bacteria.

American journal of dentistry , Volume: 9 Issue: 6 1996 Dec

Authors Steinberg D, Kaine G, Gedalia I

Antimicrobial activity of propolis on oral microorganisms.

Current microbiology , Volume: 36 Issue: 1 1998 Jan

Authors Park YK, Koo MH, Abreu JA, Ikegaki M, Cury JA, Rosalen PL

Health benefits of non-digestible oligosaccharides.

Advances in experimental medicine and biology , Volume: 427 1997

Authors Roberfroid MB

Effects of inulin and lactose on fecal microflora, microbial activity, and bowel habit in elderly constipated persons.

The American journal of clinical nutrition , Volume: 65 Issue: 5 1997 May

Authors Kleessen B, Sykura B, Zunft HJ, Blaut M

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

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

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, Pietsch G, Czuba Z

Enrichment of bifidobacteria from human gut contents by oligofructose using continuous culture.

FEMS microbiology letters , Volume: 118 Issue: 1-2 1994 May 1

Authors Gibson GR, Wang X

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

Selective stimulation of bifidobacteria in the human colon by oligofructose and inulin.

Gastroenterology , Volume: 108 Issue: 4 1995 Apr

Authors Gibson GR, Beatty ER, Wang X, Cummings JH

[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 Gl

Effect of dietary fiber on a guinea pig intestinal anaerobe, Bacteroides ovatus.

The Journal of nutrition , Volume: 114 Issue: 2 1984 Feb

Authors Johanning GL, Barr DF, Iannotti EL, O'Dell BL

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

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, Waites WM

[Antimicrobial activity of ornidazole and 6 other antibiotics against anaerobic bacteria].

Enfermedades infecciosas y microbiología clínica , Volume: 9 Issue: 4 1991 Apr

Authors Alados JC, Martínez-Brocal A, Miranda C, Rojo MD, García V, Domínguez MC, de la Rosa M

In vitro activities of 36 antimicrobial agents against clinically isolated Bacteroides fragilis.

Journal of the Formosan Medical Association = Taiwan yi zhi , Volume: 90 Issue: 8 1991 Aug

Authors Teng LJ, Ho SW, Chang SC, Luh KT, Hsieh WC

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 veterinaermedicin , Volume: 29 Issue: 10 1977 Oct

Authors Aspoy E

Curated database of commensal, symbiotic and pathogenic microbiota

Generative Bioinformatics , Volume: Issue: 2014 Jun

Authors D'Adamo Peter

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

cdkl5 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