

Microbiome Information for: Chronic Obstructive Pulmonary Disease (COPD)

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/>)

Thome (<https://www.thome.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 Chronic Obstructive Pulmonary Disease (COPD)

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
Clostridia	class	High	186801	Oscillibacter	genus	High	459786
Acidaminococcaceae	family	High	909930	Paludibacter	genus	High	346096
Aerococcaceae	family	Low	186827	Peptostreptococcus	genus	Low	1257
Christensenellaceae	family	Low	990719	Prevotella	genus	High	838
Desulfovibrionaceae	family	Low	194924	Pseudomonas	genus	High	286
Enterobacteriaceae	family	Low	543	Romboutsia	genus	High	1501226
Lachnospiraceae	family	High	186803	Roseburia	genus	Low	841
Oscillospiraceae	family	Low	216572	Rothia	genus	High	508215
Streptococcaceae	family	High	1300	Rothia	genus	High	32207
Acinetobacter	genus	High	469	Scardovia	genus	High	196081
Actinomyces	genus	High	1654	Stenotrophomonas	genus	High	40323
Aerococcus	genus	High	1375	Streptococcus	genus	High	1301
Aspergillus	genus	High	5052	Streptomyces	genus	High	1883
Butyrivibrio	genus	Low	574697	Veillonella	genus	High	29465
Campylobacter	genus	High	194	Acinetobacter baumannii	species	High	470
Corynebacterium	genus	High	1716	Acinetobacter calcoaceticus	species	High	471
Dialister	genus	High	39948	Brevibacterium aureum	species	High	233502
Eubacterium	genus	Low	1730	Candida albicans	species	High	5476
Faecalicatena	genus	High	2005359	Chlamydia pneumoniae	species	High	83558
Flavonifractor	genus	High	946234	Corynebacterium propinquum	species	High	43769
Gemella	genus	High	1378	Escherichia coli	species	High	562
Granulicatella	genus	High	117563	Haemophilus influenzae	species	High	727
Haemophilus	genus	High	724	Haemophilus parainfluenzae	species	High	729
Holdemanella	genus	High	1573535	Klebsiella pneumoniae	species	High	573
Holdemania	genus	High	61170	Moraxella catarrhalis	species	High	480
Intestinibacter	genus	High	1505657	Mycoplasmoides pneumoniae	species	High	2104
Lachnospirillum	genus	Low	1506553	Porphyromonas gingivalis	species	High	837
Lachnospira	genus	Low	28050	Prevotella melaninogenica	species	Low	28132
Lactobacillus	genus	High	1578	Pseudomonas aeruginosa	species	High	287
Lautropia	genus	High	47670	Rothia mucilaginosa	species	High	43675
Lawsonibacter	genus	High	2172004	Simkania negevensis	species	High	83561
Malassezia	genus	High	55193	Staphylococcus aureus	species	High	1280
Marvinbryantia	genus	Low	248744	Staphylococcus epidermidis	species	High	1282
Megasphaera	genus	High	906	Streptococcus parasanguinis	species	High	1318
Moraxella	genus	High	475	Streptococcus pneumoniae	species	High	1313
Moryella	genus	High	437755	Streptococcus salivarius	species	High	1304
Neisseria	genus	High	482	Streptococcus vestibularis	species	High	1343
				Streptococcus viridans	species	High	78535

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.

Hordeum vulgare {Barley} 60 gram/day

proton-pump inhibitors (prescription) 60 mg/day

β -glucan {Beta-Glucan} 500 mg/day

Substance to Consider Reducing or Eliminating

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

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

3,3',4',5,7-pentahydroxyflavone {Quercetin}	imipenem
amoxicillin [CFS]	meropenem
ampicillin [CFS]	Metha family {Mint}
Azadirachta indica {Neem}	minocycline [CFS]
benzylpenicillin sodium (antibiotic)	Ocimum basilicum {Basil}
ceftazidime	origanum vulgare {oregano}
Cinnamomum zeylanicum {Ceylon Cinnamon}	Pimpinella anisum {Anise}
ciprofloxacin [CFS]	piperacillin-tazobactam
Curcuma longa {Turmeric}	Propolis {Bee glue}
Cymbopogon citratus {Lemongrass}	rosmarinus officinalis {rosemary}
D-(-)-Fructose {Fruit sugar}	syzygium aromaticum {clove}
Diferuloylmethane {Curcumin}	Thymus vulgaris {thyme}
gentamicin	tobramycin
Honey {Honey }	vancomycin (antibiotic)[CFS]
	Zingiber officinale Roscoe {ginger}

Sample of Literature Used

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

[16S rRNA sequencing-based analysis of sputum microbiome in patients with acute exacerbations of chronic obstructive pulmonary disease: retrospective cohort study.](#)

Journal of thoracic disease , Volume: 17 Issue: 10 2025 Oct 31

Authors Li S,Xu Y,Wu Y,Zhao Z

[Haemophilus spp. in acute exacerbations of COPD and co-occurrence of selected microbiota components.](#)

Microbes and infection , 2025 Oct 17

Authors Gawor W,Góralaska K,Wysocka S,Majewski S,Piotrowski W,Milkowska-Dymanowska J,Brzezianska-Lasota E

[Prevalence, Risk Factors, and Antibiotic Intervention of Lower Airway Pseudomonas aeruginosa Colonization in Patients with Stable Chronic Obstructive Pulmonary Disease: a Systematic Review and Meta-Analysis.](#)

COPD , Volume: 22 Issue: 1 2025 Dec

Authors Liu Y,Wang Y,Qiu J,Li T,Zhou L,Song Y,Hu L

[Genetic prediction of immune cells, inflammatory proteins, and metabolite-mediated association between gut microbiota and COPD: a Mendelian randomization study.](#)

Scientific reports , Volume: 15 Issue: 1 2025 Jul 1

Authors Chen G,Jin Y,Chu C,Zheng Y,Yang C,Chen Y,Zhu X

[Clinical Implications of Pseudomonas Aeruginosa Colonization in Chronic Obstructive Pulmonary Disease Patients.](#)

Chronic obstructive pulmonary diseases (Miami, Fla.) , 2025 Feb 5

Authors Kwok WC,Tam TCC,Chau CH,Lam FM,Ho JCM

[Dynamic microbial changes in exacerbation of chronic obstructive pulmonary disease.](#)

Frontiers in microbiology , Volume: 15 2024

Authors Choi YJ,Park HJ,Kim CY,Choi A,Cho JH,Byun MK

[Doxifluridine effectively kills antibiotic-resistant Staphylococcus aureus in chronic obstructive pulmonary disease.](#)

Microbiology spectrum , 2024 Nov 12

Authors Zhang L,Zhang Y,Tian L,Shen Q,Ma X

[Exploring the potential role of microbiota and metabolites in acute exacerbation of chronic obstructive pulmonary disease.](#)

Frontiers in microbiology , Volume: 15 2024

Authors Shi Y,Yang J,Tian T,Li S,Xie Y

[Risk factors for Pseudomonas aeruginosa isolation in chronic obstructive pulmonary disease: a systematic review and meta-analysis.](#)

BMC pulmonary medicine , Volume: 24 Issue: 1 2024 Oct 18

Authors Zhang Y,Zhang N,Li T,Jing L,Wang Y,Ge W

[A comprehensive review of Mycoplasma pneumoniae infection in chronic lung diseases: recent advances in understanding asthma, COPD, and bronchiectasis.](#)

Frontiers in medicine , Volume: 11 2024

Authors Guo ZQ,Gu SY,Tian ZH,Du BY

[Association of the gut microbiome and different phenotypes of COPD and asthma: a bidirectional Mendelian randomization study.](#)

Microbiology spectrum , Volume: 12 Issue: 11 2024 Nov 5

Authors Wang Z,Qu J,Chang C,Sun Y

[Microbiome-host interactions in the pathogenesis of acute exacerbation of chronic obstructive pulmonary disease.](#)

Frontiers in cellular and infection microbiology , Volume: 14 2024

Authors Li Y,Mao X,Shi P,Wan Z,Yang D,Ma T,Wang B,Wang J,Wang J,Zhu R

[Mucus plugging on computed tomography and the sputum microbiome in patients with asthma, chronic obstructive pulmonary disease, and asthma-COPD overlap.](#)

Allergology international : official journal of the Japanese Society of Allergology , Volume: 73 Issue: 4 2024 Oct

Authors Tanabe N,Matsumoto H,Morimoto C,Hayashi Y,Sakamoto R,Oguma T,Nagasaki T,Sunadome H,Sato A,Sato S,Ohashi K,Tsukahara T,Hirai T

[The roles of bacteria and viruses in COPD-Bronchiectasis association: A prospective cohort study.](#)

Respiratory medicine , Volume: 231 2024 Sep

Authors He ZF,Lin SZ,Pan CX,Chen ZM,Cen LJ,Zhang XX,Huang Y,Chen CL,Zha SS,Li HM,Lin ZH,Shi MX,Zhong NS,Guan WJ

[The alterations of oral, airway and intestine microbiota in chronic obstructive pulmonary disease: a systematic review and meta-analysis.](#)

Frontiers in immunology , Volume: 15 2024

Authors Kou Z,Liu K,Qiao Z,Wang Y,Li Y,Li Y,Yu X,Han W

[P. gingivalis alters lung microbiota and aggravates disease severity of COPD rats by up-regulating Hsp90a/MLKL](#)**Journal of oral microbiology** , Volume: 16 Issue: 1 2024

Authors Feng N,Han X,Peng D,Geng F,Li Q,Pan C,Wang H,Pan Y,Tan L

[Efficacy and safety of caspofungin for the treatment of invasive pulmonary aspergillosis in patients with chronic obstructive pulmonary disease.](#)**The Journal of international medical research** , Volume: 52 Issue: 3 2024 Mar

Authors Li S,Li Z,Wang P,Zhan Y,Xie J,Ye F

[Accelerated Lung Function Decline and Mucus-Microbe Evolution in Chronic Obstructive Pulmonary Disease.](#)**American journal of respiratory and critical care medicine** , Volume: 210 Issue: 3 2024 Aug 1

Authors Meldrum OW,Donaldson GC,Narayana JK,Ivan FX,Jaggi TK,Mac Aogáin M,Finney LJ,Allinson JP,Wedzicha JA,Chotirmall SH

[Seabuckthorn Wuwei Pulvis attenuates chronic obstructive pulmonary disease in rat through gut microbiota-short chain fatty acids axis.](#)**Journal of ethnopharmacology** , 2023 May 3

Authors Wang J,Ren C,Jin L,Batu W

[The Bidirectional Gut-Lung Axis in Chronic Obstructive Pulmonary Disease.](#)**American journal of respiratory and critical care medicine** , Volume: 207 Issue: 9 2023 May 1

Authors Wang L,Cai Y,Garssen J,Henricks PAJ,Folkerts G,Braber S

[Aspergillus infection in chronic obstructive pulmonary diseases.](#)**The clinical respiratory journal** , Volume: 17 Issue: 3 2023 Mar

Authors Guo L,Wu X,Wu X

[Responsiveness to pulmonary rehabilitation in COPD is associated with changes in microbiota.](#)**Respiratory research** , Volume: 24 Issue: 1 2023 Jan 25

Authors Melo-Dias S,Cabral M,Furtado A,Souto-Miranda S,Mendes MA,Cravo J,Almeida CR,Marques A,Sousa A

[The gut microbiome is a significant risk factor for future chronic lung disease.](#)**The Journal of allergy and clinical immunology** , Volume: 151 Issue: 4 2023 Apr

Authors Liu Y,Teo SM,Méric G,Tang HHF,Zhu Q,Sanders JG,Vázquez-Baeza Y,Verspoor K,Vartiainen VA,Jousilahti P,Lahti L,Niranen T,Havulinna AS,Knight R,Salomaa V,Inouye M

[The Role of Gut Bacteriome in Asthma, Chronic Obstructive Pulmonary Disease and Obstructive Sleep Apnoea.](#)**Microorganisms** , Volume: 10 Issue: 12 2022 Dec 13

Authors Bikov A,Dragonieri S,Csoma B,Mazzuca C,Finamore P,Rocchi G,Putignani L,Guarino M,Scarlata S

[Diversity of Fungi and Bacteria in Bronchoalveolar Lavage Fluid during Development of Chronic Obstructive Pulmonary Disease.](#)**Japanese journal of infectious diseases** , Volume: 75 Issue: 6 2022 Nov 22

Authors Wu X,Wei X,Li X,Deng J,Zhang J

[Clinical Aspergillus Signatures in COPD and Bronchiectasis.](#)**Journal of fungi (Basel, Switzerland)** , Volume: 8 Issue: 5 2022 May 5

Authors Tiew PY,Thng KX,Chotirmall SH

[Corrigendum: Whole-genome analyses reveal gene content differences between nontypeable Haemophilus influenzae isolates from chronic obstructive pulmonary disease compared to other clinical phenotypes.](#)**Microbial genomics** , Volume: 7 Issue: 10 2021 Oct

Authors K C R,Leong KWC,Harkness NM,Lachowicz J,Gautam SS,Cooley LA,McEwan B,Petrovski S,Karupiah G,O'Toole RF

[Risk Factors and Relation with Mortality of a New Acquisition and Persistence of Pseudomonas aeruginosa in COPD Patients.](#)**COPD** , Volume: 18 Issue: 3 2021 Jun

Authors Martínez-García MÁ,Faner R,Oscullo G,de la Rosa-Carrillo D,Soler-Cataluña JJ,Ballester M,Muriel A,Agusti A

[Isoxanthanol alleviates Staphylococcus aureus induced chronic obstructive pulmonary disease in rat model through promotion of miR-145-5p expression.](#)**Microbial pathogenesis** , Volume: 155 2021 Jun

Authors Wu Y,Zhao Z,Zhang H,Wang X,Tian XF,Wang Y,Qiu ZJ,Tang ZY,Huang M,Zhao Z

[Comprehensive profiling of the gut microbiota in patients with chronic obstructive pulmonary disease of varying severity.](#)**PloS one** , Volume: 16 Issue: 4 2021

Authors Chiu YC,Lee SW,Liu CW,Lin RC,Huang YC,Lan TY,Wu LS

[The pulmonary mycobiome-A study of subjects with and without chronic obstructive pulmonary disease.](#)**PloS one** , Volume: 16 Issue: 4 2021

Authors Martinsen EMH,Eagan TML,Leiten EO,Haaland I,Husebø GR,Knudsen KS,Drengenes C,Sanseverino W,Paytuví-Gallart A,Nielsen R

[Inflammatory Endotype-associated Airway Microbiome in Chronic Obstructive Pulmonary Disease Clinical Stability and](#)

Exacerbations: A Multicohort Longitudinal Analysis.**American journal of respiratory and critical care medicine** , Volume: 203 Issue: 12 2021 Jun 15

Authors Wang Z,Locantore N,Haldar K,Ramsheh MY,Beech AS,Ma W,Brown JR,Tal-Singer R,Barer MR,Bafadhel M,Donaldson GC,Wedzicha JA,Singh D,Wilkinson TMA,Miller BE,Brightling CE

The airway microbiota and exacerbations of COPD.**ERJ open research** , Volume: 6 Issue: 3 2020 Jul

Authors Leiten EO,Nielsen R,Wiker HG,Bakke PS,Martinsen EMH,Drengenes C,Tangedal S,Husebø GR,Eagan TML

Moraxella catarrhalis phase-variable loci show differences in expression during conditions relevant to disease.**PloS one** , Volume: 15 Issue: 6 2020

Authors Tan A,Blakeway LV,Taha,Yang Y,Zhou Y,Atack JM,Peak IR,Seib KL

Saliva Microbiome Changes in Patients With Periodontitis With and Without Chronic Obstructive Pulmonary Disease.**Frontiers in cellular and infection microbiology** , Volume: 10 2020

Authors Lin M,Li X,Wang J,Cheng C,Zhang T,Han X,Song Y,Wang Z,Wang S

Cigarette Smoke Exposure Inhibits Bacterial Killing via TFEB-Mediated Autophagy Impairment and Resulting Phagocytosis Defect.**Mediators of inflammation** , Volume: 2017 2017

Authors Pehote G,Bodas M,Brucia K,Vij N

Azithromycin Pharmacodynamics against Persistent Haemophilus influenzae in Chronic Obstructive Pulmonary Disease.**Antimicrobial agents and chemotherapy** , Volume: 62 Issue: 2 2018 Feb

Authors Tsuji BT,Fisher J,Boadi-Yeboah R,Holden PN,Sethi S,Pettigrew MM,Murphy TF

[Comparison Study of Oropharyngeal Microbiota in Case of Bronchial Asthma and Chronic Obstructive Pulmonary Disease in Different Severity Levels].**Vestnik Rossiiskoi akademii meditsinskikh nauk** , Issue: 6 2015

Authors Ogrodova LM,Fedosenko SV,Popenko AS,Petrov VA,Tyakht AV,Saltykova IV,Deev IA,Kulikov ES,Kirillova NA,Govorun VM,Kostyukova ES

Nontypeable Haemophilus influenzae-Induced MyD88 Short Expression Is Regulated by Positive IKK β and CREB Pathways and Negative ERK1/2 Pathway.**PloS one** , Volume: 10 Issue: 12 2015

Authors Andrews CS,Miyata M,Susuki-Miyata S,Lee BC,Komatsu K,Li JD

Simkania negevensis: Is it a real respiratory pathogen?**Acta microbiologica et immunologica Hungarica** , Volume: 62 Issue: 2 2015 Jun

Authors Kose M,Ekinici D,Gokahmetoglu S,Elmas T,Öztürk MK

Collagen VI Is Upregulated in COPD and Serves Both as an Adhesive Target and a Bactericidal Barrier for Moraxella catarrhalis.**Journal of innate immunity** , Volume: 7 Issue: 5 2015

Authors Abdillahi SM,Bober M,Nordin S,Hallgren O,Baumgarten M,Erjefält J,Westergren-Thorsson G,Björmer L,Riesbeck K,Eggesten A,Mörgelin M

Analysis of microbiota in stable patients with chronic obstructive pulmonary disease.**APMIS : acta pathologica, microbiologica, et immunologica Scandinavica** , Volume: 123 Issue: 5 2015 May

Authors Aguirre E,Galiana A,Mira A,Guardiola R,Sánchez-Guillén L,García-Pachón E,Santibañez M,Royo G,Rodríguez JC

LytM proteins play a crucial role in cell separation, outer membrane composition, and pathogenesis in nontypeable Haemophilus influenzae.**mBio** , Volume: 6 Issue: 2 2015 Feb 24

Authors Ercoli G,Tani C,Pezzicoli A,Vacca I,Martinelli M,Pecetta S,Petracca R,Rappuoli R,Pizza M,Norais N,Soriani M,Aricò B

Rothia mucilaginosa pneumonia: a literature review.**Infectious diseases (London, England)** , Volume: 47 Issue: 3 2015 Mar

Authors Maraki S,Papadakis IS

Impact of COPD in the outcome of ICU-acquired pneumonia with and without previous intubation.**Chest** , Volume: 147 Issue: 6 2015 Jun

Authors Rinaudo M,Ferrer M,Terraneo S,De Rosa F,Peralta R,Fernández-Barat L,Li Bassi G,Torres A

Chronic obstructive pulmonary disease exacerbation by corynebacterium propinquum.**Archivos de bronconeumología** , Volume: 51 Issue: 3 2015 Mar

Authors Prats-Sánchez I,Soler-Sempere MJ,Sánchez-Hellín V

Inflammatory thresholds and the species-specific effects of colonising bacteria in stable chronic obstructive pulmonary disease.**Respiratory research** , Volume: 15 Issue: 1 2014 Sep 14

Authors Singh R,Mackay AJ,Patel AR,Garcha DS,Kowlessar BS,Brill SE,Donnelly LE,Barnes PJ,Donaldson GC,Wedzicha JA

Increased biofilm formation by nontypeable Haemophilus influenzae isolates from patients with invasive disease or otitis

[media versus strains recovered from cases of respiratory infections.](#)

Applied and environmental microbiology , Volume: 80 Issue: 22 2014 Nov

Authors Puig C,Domenech A,Garmendia J,Langereis JD,Mayer P,Calatayud L,Liñares J,Ardanuy C,Marti S

[Role of the oligopeptide permease ABC Transporter of Moraxella catarrhalis in nutrient acquisition and persistence in the respiratory tract.](#)

Infection and immunity , Volume: 82 Issue: 11 2014 Nov

Authors Jones MM,Johnson A,Koszelak-Rosenblum M,Kirkham C,Brauer AL,Malkowski MG,Murphy TF

[Association between pathogens detected using quantitative polymerase chain reaction with airway inflammation in COPD at stable state and exacerbations.](#)

Chest , Volume: 147 Issue: 1 2015 Jan

Authors Barker BL,Haldar K,Patel H,Pavord ID,Barer MR,Brightling CE,Bafadhel M

[Does a single Pseudomonas aeruginosa isolation predict COPD mortality?](#)

The European respiratory journal , Volume: 44 Issue: 3 2014 Sep

Authors Boutou AK,Raste Y,Reid J,Alshafi K,Polkey MI,Hopkinson NS

[Impacts of peroxisome proliferator-activated receptor- \$\gamma\$ activation on cigarette smoke-induced exacerbated response to bacteria.](#)

The European respiratory journal , Volume: 45 Issue: 1 2015 Jan

Authors Morissette MC,Shen P,Thayaparan D,Stämpfli MR

[Non-typeable Haemophilus influenzae, an under-recognised pathogen.](#)

The Lancet. Infectious diseases , Volume: 14 Issue: 12 2014 Dec

Authors Van Eldere J,Slack MP,Ladhani S,Cripps AW

[Association of serum interleukin-27 with the exacerbation of chronic obstructive pulmonary disease.](#)

Physiological reports , Volume: 2 Issue: 7 2014 Jul 1

Authors Angata T,Ishii T,Gao C,Ohtsubo K,Kitazume S,Gemma A,Kida K,Taniguchi N

[Pseudomonas aeruginosa isolates in severe chronic obstructive pulmonary disease: characterization and risk factors.](#)

BMC pulmonary medicine , Volume: 14 2014 Jun 26

Authors Gallego M,Pomares X,Espasa M,Castañer E,Solé M,Suárez D,Monsó E,Montón C

[Human rhinovirus infection during naturally occurring COPD exacerbations.](#)

The European respiratory journal , Volume: 44 Issue: 1 2014 Jul

Authors George SN,Garcha DS,Mackay AJ,Patel AR,Singh R,Sapsford RJ,Donaldson GC,Wedzicha JA

[Effects of cigarette smoke on Toll-like receptor \(TLR\) activation of chronic obstructive pulmonary disease \(COPD\) macrophages.](#)

Clinical and experimental immunology , Volume: 176 Issue: 3 2014 Jun

Authors Metcalfe HJ,Lea S,Hughes D,Khalaf R,Abbott-Banner K,Singh D

[Understanding nontypeable Haemophilus influenzae and chronic obstructive pulmonary disease.](#)

Current opinion in pulmonary medicine , Volume: 20 Issue: 2 2014 Mar

Authors Alikhan MM,Lee FE

[Infectious etiology of acute exacerbations in severe COPD patients.](#)

The Journal of infection , Volume: 67 Issue: 6 2013 Dec

Authors Domenech A,Puig C,Martí S,Santos S,Fernández A,Calatayud L,Dorca J,Ardanuy C,Liñares J

[Antibiotics for treatment and prevention of exacerbations of chronic obstructive pulmonary disease.](#)

The Journal of infection , Volume: 67 Issue: 6 2013 Dec

Authors Wilson R,Sethi S,Anzueto A,Miravittles M

[Role of the zinc uptake ABC transporter of Moraxella catarrhalis in persistence in the respiratory tract.](#)

Infection and immunity , Volume: 81 Issue: 9 2013 Sep

Authors Murphy TF,Brauer AL,Kirkham C,Johnson A,Koszelak-Rosenblum M,Malkowski MG

[Spectrum and antimicrobial resistance of common pathogenic bacteria isolated from patients with acute exacerbation of chronic obstructive pulmonary disease in mainland of China.](#)

Chinese medical journal , Volume: 126 Issue: 12 2013 Jun

Authors Ye F,He LX,Cai BQ,Wen FQ,Chen BY,Hadiarto M,Chen RC,Yuan JP,Sun HL

[Chronic obstructive pulmonary disease and bronchiectasis.](#)

Current opinion in pulmonary medicine , Volume: 19 Issue: 2 2013 Mar

Authors Novosad SA,Barker AF

[Urease operon and urease activity in commensal and disease-causing nontypeable Haemophilus influenzae.](#)

Journal of clinical microbiology , Volume: 51 Issue: 2 2013 Feb

Authors Zhang L,Patel M,Xie J,Davis GS,Marrs CF,Gilsdorf JR

[An unusual cause for recurrent chest infections.](#)

BMJ case reports , Volume: 2012 2012 Oct 10

Authors Lobo R,Mulloy EM

[Changes in prevalence and load of airway bacteria using quantitative PCR in stable and exacerbated COPD.](#)

Thorax , Volume: 67 Issue: 12 2012 Dec

Authors Garcha DS,Thurston SJ,Patel AR,Mackay AJ,Goldring JJ,Donaldson GC,McHugh TD,Wedzicha JA

[\[Pulmonary aspergillosis complicating atypical mycobacterial infection in two patients suffering from chronic obstructive pulmonary disease\].](#)

Revue des maladies respiratoires , Volume: 29 Issue: 1 2012 Jan

Authors Montaigne E,Petit FX,Gourdiere AL,Urban T,Gagnadoux F

[Modulation of biofilm of strains isolated from patients with chronic obstructive pulmonary disease by levofloxacin, moxifloxacin, ciprofloxacin, amoxicillin/clavulanic acid and ceftriaxone.](#)

International journal of immunopathology and pharmacology , Volume: 24 Issue: 4 2011 Oct-Dec

Authors Drago L,Mattina R,Legnani D,Romano CL,Vianello E,Ricci C,De Vecchi E

[Differential expression of genes encoding membrane proteins between acute and continuous Chlamydia pneumoniae infections.](#)

Microbial pathogenesis , Volume: 34 Issue: 1 2003 Jan

Authors Hogan RJ,Mathews SA,Kutlin A,Hammerschlag MR,Timms P

[New strains of bacteria and exacerbations of chronic obstructive pulmonary disease.](#)

The New England journal of medicine , Volume: 347 Issue: 7 2002 Aug 15

Authors Sethi S,Evans N,Grant BJ,Murphy TF

[Haemophilus influenzae in acute exacerbations of chronic obstructive pulmonary disease.](#)

International journal of antimicrobial agents , Volume: 19 Issue: 5 2002 May

Authors Leanord A,Williams C

[Lymphocyte proliferative response to P6 of Haemophilus influenzae is associated with relative protection from exacerbations of chronic obstructive pulmonary disease.](#)

American journal of respiratory and critical care medicine , Volume: 165 Issue: 7 2002 Apr 1

Authors Abe Y,Murphy TF,Sethi S,Faden HS,Dmochowski J,Harabuchi Y,Thanavala YM

[Systemic and mucosal antibody response to Moraxella catarrhalis after exacerbations of chronic obstructive pulmonary disease.](#)

The Journal of infectious diseases , Volume: 185 Issue: 5 2002 Mar 1

Authors Bakri F,Brauer AL,Sethi S,Murphy TF

[\[A clinical study of bacterial infection in patients with chronic obstructive pulmonary disease\].](#)

Zhonghua jie he he hu xi za zhi = Zhonghua jiehe he huxi zazhi = Chinese journal of tuberculosis and respiratory diseases , Volume: 22 Issue: 2 1999 Feb

Authors Zhao M,Gu G,Liu Z,Zhang X,Xu W,Fang Q

[Predisposing factors to bacterial colonization in chronic obstructive pulmonary disease.](#)

The European respiratory journal , Volume: 13 Issue: 2 1999 Feb

Authors Zalacain R,Sobradillo V,Amilibia J,Barrón J,Achótegui V,Piñón J,Llorente JL

[\[Evaluation of imipenem/cilastatin sodium in the treatment of respiratory tract infections\].](#)

The Japanese journal of antibiotics , Volume: 43 Issue: 1 1990 Jan

Authors Shimokata K,Kawazu H,Nishiwaki K,Yamamoto M,Sakai S,Senda Y,Torii Y,Amano H,Saka H,Saito H

[Haemophilus influenzae infections in patients with chronic obstructive pulmonary disease despite specific antibodies in serum and sputum.](#)

The American review of respiratory disease , Volume: 141 Issue: 5 Pt 1 1990 May

Authors Groeneveld K,Eijk PP,van Alphen L,Jansen HM,Zanen HC

[Endogenous and exogenous reinfections by Haemophilus influenzae in patients with chronic obstructive pulmonary disease: the effect of antibiotic treatment on persistence.](#)

The Journal of infectious diseases , Volume: 161 Issue: 3 1990 Mar

Authors Groeneveld K,van Alphen L,Eijk PP,Visschers G,Jansen HM,Zanen HC

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

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

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

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

Biomedicines , Volume: 14 Issue: 1 2025 Dec 19

Authors Maalouly G,Itani T,Fares N

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

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

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

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

Scientific reports , 2026 Jan 19

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

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

Decoding Ocimum basilicum L.'s Medicinal Potential Through Growth Phase Profiling: A Conservation Perspective.

Chemistry & biodiversity , Volume: 23 Issue: 1 2026 Jan

Authors Rasheed M,Yousaf Z,Aftab A,Maqbool Z

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

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

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

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

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

Molecular biotechnology , 2025 Nov 29

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

Quercetin hybrid-hydrogel microparticles modulate gut microbiota and improve memory in an antibiotic-induced dysbiosis rat model.

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

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

Quercetin as a Novel Antidepressant: Mechanistic Insights into Its Neuroprotective and Anti-inflammatory Effects.

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

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

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

Efficacy of a Ceftazidime-loaded Nanofiber Insert in Treating Pseudomonas aeruginosa-induced Corneal Ulcers: An Animal Model.

Journal of ophthalmic & vision research , Volume: 20 2025

Authors Mirzaeei S,Eidizadeh M,Khosravi A,Bagheri M,Taghe S

Effect of Tobramycin on the Biofilm-Forming Forms of Pseudomonas aeruginosa Isolates Isolated from Patients with Cystic Fibrosis.

Bulletin of experimental biology and medicine , 2025 Nov 5

Authors Nemchenko UM,Belkova NL,Klimenko ES,Zugeeva RE,Sukhoreva MV,Savilov ED

Exploring the Effects of Dietary Intake on Gut Microbiome Diversity and Composition of Older Adults with Type 1 Diabetes: A Pilot Study.

Current developments in nutrition , Volume: 9 Issue: 10 2025 Oct

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

A Pharmacokinetic-Pharmacodynamic Approach to Propose an Amoxicillin Dosage Regimen for Treatment of Escherichia coli and Staphylococcus delphini Infections in Mink (Neovison vison).

Journal of veterinary pharmacology and therapeutics , 2025 Oct 17

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

Rosemary Essential Oil Microemulsion for Fungal Keratitis Treatment.

Chemistry & biodiversity , 2025 Oct 15

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

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

[Optimization of Manuka Honey microbubble particle structures for enhanced inhibition of Pseudomonas aeruginosa growth.](#)

Journal of microbiological methods , Volume: 238 2025 Sep 24

Authors Lin PJ

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

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

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

[Development of transfersomal nanocarriers loaded with Javanese turmeric essential oils and evaluation of their biological activity.](#)

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

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

[Rosemary Extract: Phytochemical Composition and Potential for Eliminating Polymicrobial Biofilm of Candida albicans and Multidrug-Resistant Bacteria.](#)

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

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

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

Frontiers in microbiology , Volume: 16 2025

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

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

Nutrients , Volume: 17 Issue: 15 2025 Jul 29

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

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

Antimicrobial agents and chemotherapy , 2025 Aug 13

Authors Musher DM

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

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

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

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

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

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

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

PloS one , Volume: 20 Issue: 8 2025

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

[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

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

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

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

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

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

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

[Incorporation of Azadirachta indica kernel in the diet of guinea pigs: effects on digestibility and caecal health.](#)

Tropical animal health and production , Volume: 57 Issue: 6 2025 Jun 21

Authors Djoumessi Tobou GF,Kenfack LBM,Miégué E,Fokom DW,Kuitche HM,Kesnel ZDD,Tendonkeng F,Clerge T,Hornick JL

[Lipid-based nanocarriers for enhanced gentamicin delivery: a comparative study of liquid crystal nanoparticles and liposomes against Escherichia coli biofilms.](#)

Drug delivery and translational research , 2025 Jun 12

Authors Ahsan A,Barnes TJ,Thomas N,Subramaniam S,Prestidge CA

Impact of Ginger on Gut Microbiota Composition and Function in a Bacteroides-Dominant Enterotype.

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

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

Suitability of Piperacillin-Tazobactam for Treating Dogs Infected with Extended-Spectrum β -Lactamase-Producing

Enterobacterales: Pharmacokinetic and Pharmacodynamic Analysis.

Antibiotics (Basel, Switzerland) , Volume: 14 Issue: 5 2025 Apr 23

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

Metabolic Stress Induced by Quercetin Enhances Dormancy and Persistence in Staphylococcus aureus.

Antibiotics (Basel, Switzerland) , Volume: 14 Issue: 5 2025 Apr 22

Authors Kim DY,Kim TJ

Ciprofloxacin-loaded electrosprayed lactose particles.

International journal of pharmaceutics , 2025 May 22

Authors Liu S,Gaisford S,Williams GR

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

Crosstalk Among Gut Microbiota, Fecal Metabolites, and Amygdala Neuropathology Genes After Ginger Polyphenol Administration in Female Rats with Neuropathic Pain: Evidence for Microbiota-Gut-Brain Connection.

Nutrients , Volume: 17 Issue: 9 2025 Apr 25

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

Barley polysaccharides modulate metabolic and mild cognitive impairment in naturally aging mice through the liver-gut-brain axis.

International journal of biological macromolecules , 2025 May 6

Authors Fan M,Jiang Y,Cai C,Wang Z,Chen L,Zhang X,Yin H,Hu S,Liu J,Qian Z,Huang S

Quercetin ameliorates obesity and inflammation via microbial metabolite indole-3-propionic acid in high fat diet-induced obese mice.

Frontiers in nutrition , Volume: 12 2025

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

Thyme oil-loaded chitosan microparticles: an antibacterial approach against pathogenic bacteria.

3 Biotech , Volume: 15 Issue: 5 2025 May

Authors Thakur A,Sharma K

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

Frontiers in microbiology , Volume: 16 2025

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

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

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

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

Structural characterization of β -glucan in Hericium erinaceus pretreated by steam explosion and its effects on human gut microbiota in vitro.

Food chemistry , Volume: 482 2025 Apr 4

Authors Chen S,Ling B,Liu X,Liu L,Feng J,Zhang J,Yang Y,Wu D,Guo Q,Liu Y

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

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

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

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

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

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

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

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

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

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

Frontiers in neuroscience , Volume: 19 2025

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

[Oat \$\beta\$ -glucan prevents high fat diet induced obesity by targeting ileal Farnesoid X receptor-fibroblast growth factor 15 signaling.](#)

International journal of biological macromolecules , Volume: 306 Issue: Pt 3 2025 Feb 26

Authors Huang K,Hong C,Huang Y,Liu Y,Yu Z,Li S,Guan X,Zhao W

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

Chemistry & biodiversity , 2025 Feb 27

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

[\$\beta\$ -Glucan Alone or Combined with *Lactobacillus acidophilus* Positively Influences the Bacterial Diversity and Metabolites in the Colonic Microbiota of Type II Diabetic Patients.](#)

Probiotics and antimicrobial proteins , 2025 Feb 26

Authors Clementino JR,de Oliveira LIG,Salgaço MK,de Oliveira FL,Mesa V,Tavares JF,Silva-Pereira L,Raimundo BVB,Oliveira KC,Medeiros AI,Silva FA,Sivieri K,Magnani M

[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

[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,Laghrouaouta H,Pena RN,Martínez M,Yuste S,Rubió-Piqué L,Piñol-Felis C

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

Polymers , Volume: 17 Issue: 1 2024 Dec 24

Authors Jiamboonsri P,Sangkhun W,Wanwong S

[Comparative Evaluation of Different Mint Species Based on Their In Vitro Antioxidant and Antibacterial Effect.](#)

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

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

[Chemical Characterization and Antimicrobial Activity of Green Propolis from the Brazilian Caatinga Biome.](#)

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

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

[Mechanistic Insights into Succinic Acid as an Adjuvant for Ciprofloxacin in Treating *Pseudomonas aeruginosa* Growing Within Cystic Fibrosis Airway Mucus.](#)

Microorganisms , Volume: 12 Issue: 12 2024 Dec 9

Authors Monteiro R,Silva E,Pereira MO,Sousa AM

[Oat Beta-Glucans Modulate the Gut Microbiome, Barrier Function, and Immune Responses in an In Vivo Model of Early-Stage Colorectal Cancer.](#)

International journal of molecular sciences , Volume: 25 Issue: 24 2024 Dec 19

Authors Guzowska M,Dziendzikowska K,Kopiasz L,Gajewska M,Wilczak J,Harasym J,Czerwinska M,Gromadzka-Ostrowska J

[Curcumin Mitigates Gut Dysbiosis and Enhances Gut Barrier Function to Alleviate Metabolic Dysfunction in Obese, Aged Mice.](#)

Biology , Volume: 13 Issue: 12 2024 Nov 21

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

[Determination of antibacterial and antioxidant potential of organic crude extracts from *Malus domestica*, *Cinnamomum verum* and *Trachyspermum ammi*.](#)

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

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

[Antibacterial, antibiofilm, and gene expression assessment of ajwain \(*Trachyspermum ammi*\) essential oil on drug-resistant gastrointestinal pathogens and its combination effect with ampicillin.](#)

Letters in applied microbiology , Volume: 78 Issue: 1 2025 Jan 6

Authors Ozma MA,Ailieh NF,Abbasi A,Mahdavi S,Fadaee M,Nezhadi J,Ozma MA,Asgharzadeh M,Kafil HS

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

Brazilian journal of biology = Revista brasileira de biología , Volume: 84 2024

Authors Obeidat M,Haddad MA,Ghnamat SA

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

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

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

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

Nutrients , Volume: 16 Issue: 23 2024 Nov 29

Authors Thongwong P,Wattanathorn J,Thukham-Mee W

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

International journal of biological macromolecules , Volume: 288 2025 Feb

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

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

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

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

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

Heliyon , Volume: 10 Issue: 20 2024 Oct 30

Authors Khan O,Chandra Das S,Bedoura S

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

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

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

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

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

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

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

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

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

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

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

Probiotics and antimicrobial proteins , 2024 Nov 20

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

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

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

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

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

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

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

Investigating antibacterial and anti-inflammatory properties of synthetic curcuminoids.

Frontiers in medicine , Volume: 11 2024

Authors Veselá K,Kejik Z,Abramenko N,Kaplánek R,Jakubek M,Petrlova J

Phage-derived polysaccharide depolymerase potentiates ceftazidime efficacy against Acinetobacter baumannii pneumonia via low-serum-dependent mechanisms.

International journal of biological macromolecules , Volume: 282 Issue: Pt 6 2024 Nov 9

Authors Wang H,Zeng P,Zhang P,Zuo Z,Liu Y,Xia J,Lam JKW,Chan HK,Leung SSY

Therapeutic Interventions for Pseudomonas Infections in Cystic Fibrosis Patients: A Review of Phase IV Trials.

Journal of clinical medicine , Volume: 13 Issue: 21 2024 Oct 30

Authors Alqasmi M

Ocimum basilicum seed-mediated green synthesis of silver nanoparticles: characterization and evaluation of biological properties.

Discover nano , Volume: 19 Issue: 1 2024 Oct 28

Authors Fatima S,Shahid H,Zafar S,Arooj I,Ijaz S,Elahi A

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

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

Synergistic effect of the combination of phenolic compounds and tobramycin on the inhibition of Pseudomonas aeruginosa biofilm.

Microbial pathogenesis , 2024 Oct 23

Authors Lima EMF,Bueris V,Germano LG,Sircili MP,Pinto UM

Antimicrobial Activity of Honey and Propolis from Alba County, Romania.

Antibiotics (Basel, Switzerland) , Volume: 13 Issue: 10 2024 Oct 10

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

Characterization of thyme essential oil microcapsules and potato starch/pectin composite films and their impact on the quality of chilled mutton.

Food chemistry , Volume: 464 Issue: Pt 2 2025 Feb 1

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

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

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

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

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

Frontiers in allergy , Volume: 5 2024

Authors Wurm J,Curtis N,Zimmermann P

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

Biocompatible Poly(e-Caprolactone) Nanocapsules Enhance the Bioavailability, Antibacterial, and Immunomodulatory Activities of Curcumin.

International journal of molecular sciences , Volume: 25 Issue: 19 2024 Oct 4

Authors D'Angeli F,Granata G,Romano IR,Distefano A,Lo Furno D,Spila A,Leo M,Miele C,Ramadan D,Ferroni P,Li Volti G,Accardo P,Geraci C,Guadagni F,Genovese C

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

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

Natural product research , 2024 Oct 1

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

Enhancing antimicrobial efficacy against Pseudomonas aeruginosa biofilm through carbon dot-mediated photodynamic inactivation.

AMB Express , Volume: 14 Issue: 1 2024 Sep 28

Authors Shiralizadeh S,Farmany A,Shokoohzadeh L,Pourhajibagher M,Alikhani MY,Bahador A

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

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

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

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

[Isolation and Identification of Human Gut Bacteria Capable of Converting Curcumin to Its Hydrogenated Metabolites.](#)

Journal of agricultural and food chemistry , Volume: 72 Issue: 37 2024 Sep 18

Authors Luo M,Wong S,Thanuphol P,Du H,Han Y,Lin M,Guo X,Bechtel TD,Gibbons JG,Xiao H

[Effects of Mint Oils on the Human Oral Microbiome: A Pilot Study.](#)

Microorganisms , Volume: 12 Issue: 8 2024 Jul 27

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

[In Vitro and In Silico Studies of the Antimicrobial Activity of Prenylated Phenylpropanoids of Green Propolis and Their Derivatives against Oral Bacteria.](#)

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

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

[Epicatechin and \$\beta\$ -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

[Dietary Polycan, a \$\beta\$ -glucan originating from *Aureobasidium pullulans* SM-2001, attenuates high-fat-diet-induced intestinal barrier damage in obese mice by modulating gut microbiota dysbiosis.](#)

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

Authors Ko GP,Unno T,Kim YS,Kim J

[Propolis as a functional food and promising agent for oral health and microbiota balance: A review study.](#)

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

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

[Quercetin Increases Growth Performance and Decreases Incidence of Diarrhea and Mechanism of Action in Weaned Piglets.](#)

Oxidative medicine and cellular longevity , Volume: 2024 2024

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

[Development and Evaluation of Microencapsulated Oregano Essential Oil as an Alternative Treatment for *Candida albicans* Infections.](#)

ACS applied materials & interfaces , Volume: 16 Issue: 31 2024 Aug 7

Authors Fernandes L,Barco-Tejada A,Blázquez E,Araújo D,Ribeiro A,Silva S,Cussó L,Costa-de-Oliveira S,Rodrigues ME,Henriques M

[In Vitro Antimicrobial Potential of Portuguese Propolis Extracts from Gerês against Pathogenic Microorganisms.](#)

Antibiotics (Basel, Switzerland) , Volume: 13 Issue: 7 2024 Jul 16

Authors Oliveira RD,Araújo C,Almeida-Aguiar C

[The Efficacy of Antimicrobial Peptides Against Gentamicin-Resistant *Klebsiella pneumoniae* \[Letter\].](#)

Infection and drug resistance , Volume: 17 2024

Authors Mardiana M

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

Biopolymers , Volume: 115 Issue: 6 2024 Nov

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

[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

[Ampicillin-Sulbactam for Carbapenem-Susceptible *Acinetobacter baumannii* Pneumonia: A Case for High-Dose, Continuous Infusion Dosing Strategy in the Trauma ICU.](#)

Surgical infections , Volume: 25 Issue: 7 2024 Sep

Authors Shoulders BR,Santevecchi BA,Venugopalan V,Alexander KM

[Honey microbiota, methods for determining the microbiological composition and the antimicrobial effect of honey - A review.](#)

Food chemistry: X , Volume: 23 2024 Oct 30

Authors Luca L,Pauliuc D,Oroian M

[Bacterial Apoptosis-Like Death through Accumulation of Reactive Oxygen Species by Quercetin in *Escherichia coli*.](#)

Journal of microbiology and biotechnology , Volume: 34 Issue: 7 2024 Jul 28

Authors Kwun MS,Lee DG

[Antiviral, Antibacterial, Antifungal, and Anticancer Activity of Plant Materials Derived from *Cymbopogon citratus* \(DC.\) Stapf Species.](#)

Pharmaceuticals (Basel, Switzerland) , Volume: 17 Issue: 6 2024 May 29

Authors Kiełtyka-Dadasiewicz A,Esteban J,Jablonska-Trypuc A

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 PPAR α -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

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

Effect of gallium nitrate on the antibacterial activity of vancomycin in methicillin-sensitive and resistant Staphylococcus aureus.

Archives of microbiology , Volume: 206 Issue: 7 2024 Jun 15

Authors Mohammad Hanifeh N,Keyvani-Ghamsari S,Khorsandi K,Mahmoodi Khaledi E

Impact of continuous-infusion meropenem degradation and infusion bag changes on bacterial killing of Pseudomonas aeruginosa based on model-informed translation.

International journal of antimicrobial agents , Volume: 64 Issue: 2 2024 Aug

Authors Minichmayr IK,Friberg LE

Multifunctional chitosan-cross linked- curcumin-tannic acid biocomposites disrupt quorum sensing and biofilm formation in pathogenic bacteria.

International journal of biological macromolecules , Volume: 271 Issue: Pt 1 2024 Jun

Authors Khan ZA,Wani MY,Ahmad A,Basha MT,Aly NA,Yakout AA

Rosemary leaf powder improves egg quality, antioxidant status, gut barrier function, and cecal microbiota and metabolites of late-phase laying hens.

Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 17 2024 Jun

Authors Zhang L,Ge J,Gao F,Yang M,Li H,Xia F,Bai H,Piao X,Sun Z,Shi L

Profile of stingless bee honey and microbiota produced in West Sumatra, Indonesia, by several species (Apidae, Meliponinae).

Veterinary world , Volume: 17 Issue: 4 2024 Apr

Authors Melia S,Juliyarsi I,Kurnia YF,Aritonang SN,Rusdimansyah R,Sukma A,Setiawan RD,Pratama YE,Supandil D

Synergistic antimicrobial action of chitosan-neem extracts nanoformulation as a promising strategy for overcoming multi-drug resistant bacteria.

International journal of biological macromolecules , Volume: 272 Issue: Pt 1 2024 Jun

Authors Almowallad SJ,Alqahtani LS

Chemical Composition of Turmeric (Curcuma longa L.) Ethanol Extract and Its Antimicrobial Activities and Free Radical Scavenging Capacities.

Foods (Basel, Switzerland) , Volume: 13 Issue: 10 2024 May 16

Authors Wu H,Liu Z,Zhang Y,Gao B,Li Y,He X,Sun J,Choe U,Chen P,Blaustein RA,Yu L

Ginger Polyphenols Reverse Molecular Signature of Amygdala Neuroimmune Signaling and Modulate Microbiome in Male Rats with Neuropathic Pain: Evidence for Microbiota-Gut-Brain Axis.

Antioxidants (Basel, Switzerland) , Volume: 13 Issue: 5 2024 Apr 23

Authors Shen CL,Santos JM,Elmassry MM,Bhakta V,Driver Z, Ji G,Yakhnitsa V,Kiritoshi T,Lovett J,Hamood AN,Sang S,Neugebauer V

Enhanced Efficacy of Ciprofloxacin and Tobramycin against Staphylococcus aureus When Combined with Corydalis Tuber and Berberine through Efflux Pump Inhibition.

Antibiotics (Basel, Switzerland) , Volume: 13 Issue: 5 2024 May 20

Authors Seo Y, Kim M, Kim TJ

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

Nanoemulsion of cinnamon oil to combat colistin-resistant Klebsiella pneumoniae and cancer cells.

Microbial pathogenesis , Volume: 192 2024 Jul

Authors El-Sherbiny GM,Kalaba MH,Foda AM,M E S,Youssef ASE,A Elsehemy I,Farghal EE,El-Fakharany EM

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

Increased tolerance to commonly used antibiotics in a *Pseudomonas aeruginosa* ex vivo porcine keratitis model.

Microbiology (Reading, England) , Volume: 170 Issue: 5 2024 May

Authors Okurowska K, Monk PN, Karunakaran E

Antimicrobial activity of *Cinnamomum zeylanicum* essential oil against colistin-resistant gram-negative bacteria.

International journal of environmental health research , 2024 May 2

Authors Ben Selma W, Ferjeni S, Farouk A, Marzouk M, Boukadida J

Determination of total phenolics, flavonoids, and testing of antioxidant and antibacterial activities of red ginger (*Zingiber officinale* var. *Rubrum*).

Journal of advanced veterinary and animal research , Volume: 11 Issue: 1 2024 Mar

Authors Haroen U, Syafwan S, Kurniawan K, Budiansyah A

Beneficial Effects of Dietary Fiber in Young Barley Leaf on Gut Microbiota and Immunity in Mice.

Molecules (Basel, Switzerland) , Volume: 29 Issue: 8 2024 Apr 22

Authors Chudan S, Kurakawa T, Nishikawa M, Nagai Y, Tabuchi Y, Ikushiro S, Furusawa Y

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

Antivirulence Effects of Trans-Resveratrol and Curcumin on Methicillin-Resistant *Staphylococcus aureus* (MRSA) from Saudi Arabia.

Life (Basel, Switzerland) , Volume: 14 Issue: 4 2024 Apr 10

Authors Alqahtani M, Almukainzi M, Alghoribi MF, El-Mahdy AM

The Canine Gut Health: The Impact of a New Feed Supplement on Microbiota Composition.

Animals : an open access journal from MDPI , Volume: 14 Issue: 8 2024 Apr 15

Authors Atuahene D, Zuniga-Chaves I, Martello E, Stefanon B, Suen G, Balouei F, Meineri G

Influence of Gelatin and Propolis Extract on Honey Gummy Jelly Properties: Optimization Using D-Optimal Mixture Design.

Gels (Basel, Switzerland) , Volume: 10 Issue: 4 2024 Apr 21

Authors Kaewpetch K, Yolsuriyan S, Disayathanoowat T, Phokasem P, Jannu T, Renaldi G, Samakradhamrongthai RS

3-O-Substituted Quercetin: an Antibiotic-Potentiating Agent against Multidrug-Resistant Gram-Negative Enterobacteriaceae through Simultaneous Inhibition of Efflux Pump and Broad-Spectrum Carbapenemases.

ACS infectious diseases , Volume: 10 Issue: 5 2024 May 10

Authors Lee T, Lee S, Kim MK, Ahn JH, Park JS, Seo HW, Park KH, Chong Y

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

Anti-Quorum Sensing and Anti-Biofilm Activity of Ginger (*Zingiber officinale*) Rhizomes against Multidrug-Resistant Clinical Isolates of *Pseudomonas aeruginosa*.

Avicenna journal of medical biotechnology , Volume: 16 Issue: 1 2024 Jan-Mar

Authors Sagar PK, Sharma P, Singh R

Synergistic effects of inhaled aztreonam plus tobramycin on hypermutable cystic fibrosis *Pseudomonas aeruginosa* isolates in a dynamic biofilm model evaluated by mechanism-based modelling and whole genome sequencing.

International journal of antimicrobial agents , Volume: 63 Issue: 6 2024 Jun

Authors Breen SKJ, Harper M, López-Causapé C, Rogers KE, Tait JR, Smallman TR, Lang Y, Lee WL, Zhou J, Zhang Y, Bulitta JB, Nation RL, Oliver A, Boyce JD, Landersdorfer CB

Curcumin alleviates cecal oxidative injury in diquat-induced broilers by regulating the Nrf2/ARE pathway and microflora.

Poultry science , Volume: 103 Issue: 5 2024 May

Authors Wu F, Zhao M, Tang Z, Wang F, Han S, Liu S, Chen B

Responses of intestinal morphology, immunity, antioxidant status and cecal microbiota to the mixture of glycerol monolaurate and cinnamaldehyde in laying hens.

Poultry science , Volume: 103 Issue: 6 2024 Jun

Authors Chen MY, Duan YL, Zhu Y, Wang JH, Hu QB, Guo SS, Ding BY, Zhang ZF, Li LL

Antibacterial Effect of Eight Essential Oils against Bacteria Implicated in Bovine Mastitis and Characterization of Primary Action Mode of *Thymus capitatus* Essential Oil.

Antibiotics (Basel, Switzerland) , Volume: 13 Issue: 3 2024 Mar 5

Authors Aouadhi C, Jouini A, Maaroufi K, Maaroufi A

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, Zellaoui A, Mokrani M, Öztürk M, Ceylan Ö, Gherraf N, Bensouici C

[Preventive nasal administration of flagellin restores antimicrobial effect of gentamicin and protects against a multidrug-resistant strain of *Pseudomonas aeruginosa*.](#)

Antimicrobial agents and chemotherapy , Volume: 68 Issue: 5 2024 May 2

Authors Maia AR,Cezard A,Fouquenot D,Vasseur V,Briard B,Sirard J-C,Si-Tahar M,Hervé V

[Antimicrobial phytoconstituents from *Azadirachta indica* \(neem\) with potential inhibitor against FtsZ protein of *Pseudomonas aeruginosa*.](#)

Natural product research , 2024 Mar 22

Authors Orozco-Ugarriza ME,Arrieta Caldera NP,Olivo-Martínez Y

[Application of cuminaldehyde and ciprofloxacin for the effective control of biofilm assembly of *Pseudomonas aeruginosa*: A combinatorial study.](#)

Microbial pathogenesis , Volume: 190 2024 May

Authors Malik M,Das S,Chakraborty P,Paul P,Roy R,Das Gupta A,Sarkar S,Chatterjee S,Maity A,Dasgupta M,Sarker RK,Tribedi P

[Sub-inhibitory concentrations of colistin and imipenem impact the expression of biofilm-associated genes in *Acinetobacter baumannii*.](#)

Archives of microbiology , Volume: 206 Issue: 4 2024 Mar 15

Authors Bhavya JN,Anugna SS,Premanath R

[Effects of Supplementation with Oregano Essential Oil during Late Gestation and Lactation on Serum Metabolites, Antioxidant Capacity and Fecal Microbiota of Sows.](#)

Animals : an open access journal from MDPI , Volume: 14 Issue: 5 2024 Feb 28

Authors Zhang Y,Deng Y,Hao Y,Fang J,Feng J

[Inhibitory Effects of Endemic Thyme's Thymol-Carvacrol Chemotype Essential Oil on *Aspergillus* Species with Free Radical Scavenging Properties.](#)

Chemistry & biodiversity , Volume: 21 Issue: 5 2024 May

Authors Mirahmadi SF,Shayganfar A

[Olive oil nanoemulsion containing curcumin: antimicrobial agent against multidrug-resistant bacteria.](#)

Applied microbiology and biotechnology , Volume: 108 Issue: 1 2024 Feb 27

Authors Confessor MVA,Agreles MAA,Campos LAA,Silva Neto AF,Borges JC,Martins RM,Scavuzzi AML,Lopes ACS,Kretzschmar EAM,Cavalcanti IMF

[Curcumin attenuates aflatoxin B1-induced ileum injury in ducks by inhibiting NLRP3 inflammasome and regulating TLR4/NF- \$\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

[Combination treatment to improve mucociliary transport of *Pseudomonas aeruginosa* biofilms.](#)

PloS one , Volume: 19 Issue: 2 2024

Authors Rouillard KR,Esther CP,Kissner WJ,Plott LM,Bowman DW,Markovetz MR,Hill DB

[Synergistic antimicrobial interaction of plant essential oils and extracts against foodborne pathogens.](#)

Food science & nutrition , Volume: 12 Issue: 2 2024 Feb

Authors Angane M,Swift S,Huang K,Perera J,Chen X,Butts CA,Quek SY

[Biochemical Profiling and Physicochemical and Biological Valorization of Iraqi Honey: A Comprehensive Analysis.](#)

Molecules (Basel, Switzerland) , Volume: 29 Issue: 3 2024 Jan 31

Authors Hameed OM,Shaker OM,Ben Slima A,Makni M

[Microbiota modulation by dietary oat beta-glucan prevents steatotic liver disease progression.](#)

JHEP reports : innovation in hepatology , Volume: 6 Issue: 3 2024 Mar

Authors Jaeger JW,Brandt A,Gui W,Yergaliyev T,Hernández-Arriaga A,Muthu MM,Edlund K,Elashy A,Molinario A,Möckel D,Sarges J,Halibasic E,Trauner M,Kahles F,Rolle-Kampczyk U,Hengstler J,Schneider CV,Lammers T,Marschall HU,von Bergen M,Camarinha-Silva A,Bergheim I,Trautwein C,Schneider KM

[Ciprofloxacin- and levofloxacin-loaded nanoparticles efficiently suppressed fluoroquinolone resistance and biofilm formation in *Acinetobacter baumannii*.](#)

Scientific reports , Volume: 14 Issue: 1 2024 Feb 7

Authors Aboelenin AM,El-Mowafy M,Saleh NM,Shaaban MI,Barwa R

[Antibacterial activity of plant-derived compounds and cream formulations against canine skin bacteria.](#)

Veterinary research communications , 2024 Feb 7

Authors Strompfová V,Štempelová L,Wolaschka T

[Mitigation of high-fat diet-induced hepatic steatosis by thyme \(*Thymus quinquecostatus* Celak\) polyphenol-rich extract \(TPE\): insights into gut microbiota modulation and bile acid metabolism.](#)

Food & function , 2024 Feb 2

Authors Sheng X,Zhan P,Wang P,He W,Tian H

In vitro activity of cefiderocol and comparator antibiotics against multidrug-resistant non-fermenting Gram-negative bacilli.

JAC-antimicrobial resistance , Volume: 6 Issue: 1 2024 Feb

Authors Huang YS,Chuang YC,Chen PY,Chou PC,Wang JT

Cymbopogon citratus L. essential oil as a potential anti-biofilm agent active against antibiotic-resistant bacteria isolated from chronic rhinosinusitis patients.

Biofouling , Volume: 40 Issue: 1 2024 Jan

Authors Khosakueng M,Taweekaisupapong S,Boonyanugomol W,Prapatpong P,Wongkaewkhiaw S,Kanthawong S

Pediatric Autoimmune Neuropsychiatric Disorders Associated with Streptococcal Infections (PANDAS) Syndrome: A 10-Year Retrospective Cohort Study in an Italian Centre of Pediatric Rheumatology.

Microorganisms , Volume: 12 Issue: 1 2023 Dec 19

Authors La Bella S,Attanasi M,Di Ludovico A,Scorrano G,Mainieri F,Ciarelli F,Lauriola F,Silvestrini L,Girlando V,Chiarelli F,Breda L

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

Prevalence and Antimicrobial Characteristics of Escherichia coli in Selected Vegetables and Herbs in Bangkok, Thailand.

Journal of food protection , Volume: 87 Issue: 3 2024 Mar

Authors Datta S,Ishikawa M,Chudhakorn S,Charaslertrangsri T

Oat protein isolate-Pleurotus ostreatus β -glucan conjugate nanoparticles bound to β -carotene effectively alleviate immunosuppression by regulating gut microbiota.

Food & function , Volume: 15 Issue: 4 2024 Feb 19

Authors Zhong L,Hu Q,Zhan Q,Zhao M,Zhao L

Azadirachta indica (AI) leaf extract coated ZnO-Alnanocore-shell particles for enhanced antibacterial activity against methicillin-resistant Staphylococcus aureus (MRSA).

Biomedical materials (Bristol, England) , Volume: 19 Issue: 2 2024 Jan 24

Authors Sharma B,Upadhyaya D,Deshmukh P,Chakraborty S,Sahu K,Satapathy S,Majumder SK

Bioactive compounds of honey from different regions of Brazil: the effect of simulated gastrointestinal digestion on antioxidant and antimicrobial properties.

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

Authors Alcoléa M,Santana Junior MB,Oliveira KAM,Tussolini L,Leite MAG,Honorio-França AC,França EL,Pertuzatti PB

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

Quercetin: a promising virulence inhibitor of Pseudomonas aeruginosa LasB in vitro.

Applied microbiology and biotechnology , Volume: 108 Issue: 1 2024 Dec

Authors Ren Y,Zhu R,You X,Li D,Guo M,Fei B,Liu Y,Yang X,Liu X,Li Y

Effect of conA-unbound proteins from Melipona beecheii honey on the formation of Pseudomonas aeruginosa ATCC 27853 biofilm.

Archives of microbiology , Volume: 206 Issue: 1 2024 Jan 5

Authors Pool-Yam L,Ramón-Sierra J,Oliva AI,Zamora-Bustillos R,Ortiz-Vázquez E

Vitex Negundo-Fe(3)O(4)-CuO green nanocatalyst (VN-Fe(3)O(4)-CuO): synthesis of pyrazolo[3,4-c]pyrazole derivatives via the cyclization of isoniazid with pyrazole and their antimicrobial activity, cytotoxicity, and molecular docking studies.

RSC advances , Volume: 14 Issue: 1 2024 Jan 2

Authors Akbar I,Mullaivendhan J,Ahamed A,Aljawdah HM

Molecular docking, molecular dynamics simulation, and MM/PBSA analysis of ginger phytochemicals as a potential inhibitor of AcrB for treating multidrug-resistant Klebsiella pneumoniae infections.

Journal of biomolecular structure & dynamics , 2024 Jan 2

Authors Sahoo M,Behera DU,Gaur M,Subudhi E

Chemoprofiling and antimicrobial activity of medicinal herbs used in the treatment of inflammatory bowel disease.

Cellular and molecular biology (Noisy-le-Grand, France) , Volume: 69 Issue: 13 2023 Dec 10

Authors Alshahrani A,Ali A,Abdelwahab SF

Effects of thermal and nonthermal treatments on microorganisms, pyrrolizidine alkaloids and volatile compounds in oregano (Origanum vulgare L.).

Food chemistry , Volume: 440 2024 May 15

Authors Kucukoglu AS,Hiz G,Karaca H

Combinatorial application of cuminaldehyde and gentamicin shows enhanced antimicrobial and antibiofilm action on

Pseudomonas aeruginosa.

Folia microbiologica , Volume: 69 Issue: 4 2024 Aug

Authors Chatterjee S,Paul P,Chakraborty P,Das S,Das Gupta A,Roy R,Malik M,Sarkar S,Sarker RK,Tribedi P

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

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

Effect of beta-glucan supplementation on cystic fibrosis colonic microbiota: an in vitro study.

Pediatric research , Volume: 95 Issue: 6 2024 May

Authors Asensio-Grau A,Heredia A,García-Hernández J,Cabrera-Rubio R,Masip E,Ribes-Koninckx C,Collado MC,Andrés A,Calvo-Lerma J

Emergence of Rapid-Onset Ototoxicity Following Three Doses of Vancomycin: A Unique Case Report in the Context of Normal Renal Function and Therapeutic Dosing.

Cureus , Volume: 15 Issue: 11 2023 Nov

Authors Grabie YY,Chain S,Xerras M,Hong K,Khan SA

To Evaluate and Compare the Antimicrobial Efficacy of Various Disinfecting Agents on K-file against Gram-positive and Gram-negative Bacteria of Endodontic Origin: An In Vitro Study.

International journal of clinical pediatric dentistry , Volume: 16 Issue: Suppl 2 2023 Sep

Authors Opi K,Dhinsa K,Tripathi AM,Saha S

Antibiotic Efficacy in Escherichia coli and Klebsiella pneumoniae Under Nutrient Limitation and Effectiveness of Colistin-Based Antibiotic Combinations to Eradicate Persister Cells.

Current microbiology , Volume: 81 Issue: 1 2023 Dec 8

Authors Seo J,Na IY,Ko KS

Pharmacokinetic/pharmacodynamic analysis of ceftazidime/avibactam and fosfomycin combinations in an in vitro hollow fiber infection model against multidrug-resistant Escherichia coli.

Microbiology spectrum , Volume: 12 Issue: 1 2024 Jan 11

Authors Kroemer N,Amann LF,Farooq A,Pfaffendorf C,Martens M,Decousser J-W,Grégoire N,Nordmann P,Wicha SG

Multi-omics reveals the protective effects of curcumin against AFB1-induced oxidative stress and inflammatory damage in duckling intestines.

Comparative biochemistry and physiology. Toxicology & pharmacology : CBP , Volume: 276 2024 Feb

Authors Jiang X,Liu H,You Y,Zhong G,Ruan Z,Liao J,Zhang H,Pan J,Tang Z,Hu L

Analysis of the antibacterial effects of turmeric on particular bacteria.

Medicine , Volume: 102 Issue: 48 2023 Dec 1

Authors Odo EO,Ikwuegbu JA,Obeagu EI,Chibueze SA,Ochiaka RE

Curcumin alleviates traumatic brain injury induced by gas explosion through modulating gut microbiota and suppressing the LPS/TLR4/MyD88/NF- κ B pathway.

Environmental science and pollution research international , Volume: 31 Issue: 1 2024 Jan

Authors Dong X,Deng L,Su Y,Han X,Yao S,Wu W,Cao J,Tian L,Bai Y,Wang G,Ren W

Green synthesis of biogenic selenium nanoparticles functionalized with ginger dietary extract targeting virulence factor and biofilm formation in Candida albicans.

Microbial pathogenesis , Volume: 186 2024 Jan

Authors Thombre D,Shelar A,Nakhale S,Khairnar B,Karale N,Sangshetti J,Nile SH,Patil R

Quercetin targets SarA of methicillin-resistant Staphylococcus aureus to mitigate biofilm formation.

Microbiology spectrum , Volume: 12 Issue: 1 2024 Jan 11

Authors Liu P,Kang X,Chen X,Luo X,Li C,Wang G

Antioxidant Capacity of Eugenol and Its Effect on Intestinal Flora Under in Vitro Simulated Conditions.

Studies in health technology and informatics , Volume: 308 2023 Nov 23

Authors Dai J

In vitro activity of ceftazidime-avibactam, imipenem-relebactam, aztreonam-avibactam, and comparators toward carbapenem-resistant and hypervirulent Klebsiella pneumoniae isolates.

Microbiology spectrum , Volume: 11 Issue: 6 2023 Dec 12

Authors Li D,Yu H,Huang X,Long S,Zhang J

Vancomycin flushing syndrome in orthopaedic practice: A case report.

World journal of orthopedics , Volume: 14 Issue: 10 2023 Oct 18

Authors Al-Anii FM,Sadat-Ali M,Al-Tabash KW,AlMulhim AI,AlMousa SA,AlHawas AM

Biosynthesis of Al(2) O(3) and europium-doped Al(2) O(3) nanoparticle using Cymbopogon citratus (lemongrass) extract and its antibacterial property.

Luminescence : the journal of biological and chemical luminescence , Volume: 39 Issue: 1 2024 Jan

Authors Tanwar SN,Parauha YR,There Y,Dhoble SJ

Effectiveness of probiotics and clove essential oils in improving growth performance, immuno-antioxidant status, ileum morphometric, and microbial community structure for heat-stressed broilers.

Scientific reports , Volume: 13 Issue: 1 2023 Nov 1

Authors Elbaz AM,Ashmawy ES,Ali SAM,Mourad DM,E-Samahy HS,Badri FB,Thabet HA

Spices as Sustainable Food Preservatives: A Comprehensive Review of Their Antimicrobial Potential.

Pharmaceuticals (Basel, Switzerland) , Volume: 16 Issue: 10 2023 Oct 12

Authors Sulieman AME,Abdallah EM,Alanazi NA,Ed-Dra A,Jamal A,Idriss H,Alshammari AS,Shommo SAM

Microfluidic-based nanoemulsion of Ocimum basilicum extract: Constituents, stability, characterization, and potential biomedical applications for improved antimicrobial and anticancer properties.

Microscopy research and technique , Volume: 87 Issue: 3 2024 Mar

Authors Ahmad I,Al-Dolaimy F,Kzar MH,Kareem AT,Mizal TL,Omran AA,Alazbjee AAA,Obaidur Rab S,Eskandar M,Alawadi AH,Alsalamy A

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

Thymus Vulgaris Oil Nanoemulsion: Synthesis, Characterization, Antimicrobial and Anticancer Activities.

Molecules (Basel, Switzerland) , Volume: 28 Issue: 19 2023 Oct 2

Authors Doghish AS,Shehabeldine AM,El-Mahdy HA,Hassanin MMH,Al-Askar AA,Marey SA,AbdElgawad H,Hashem AH

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

Comprehensive evaluation of the prebiotic properties of Dendrobium officinale polysaccharides, β -glucan, and inulin during in vitro fermentation via multi-omics analysis.

International journal of biological macromolecules , Volume: 253 Issue: Pt 7 2023 Dec 31

Authors Sun Y,Zhang S,He H,Chen H,Nie Q,Li S,Cheng J,Zhang B,Zheng Z,Pan S,Huang P,Lian L,Hu J,Nie S

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

Antibiofilm, Antimicrobial, Anti-Quorum Sensing, and Antioxidant Activities of Saudi Sidr Honey: In Vitro and Molecular Docking Studies.

Pharmaceutics , Volume: 15 Issue: 9 2023 Aug 22

Authors Bazaid AS,Alsolami A,Patel M,Khateb AM,Aldarhami A,Snoussi M,Almusheet SM,Qanash H

In Vitro Prebiotic Effects and Antibacterial Activity of Five Leguminous Honeys.

Foods (Basel, Switzerland) , Volume: 12 Issue: 18 2023 Sep 6

Authors Fratianni F,De Giulio B,d'Acierno A,Amato G,De Feo V,Coppola R,Nazzaro F

Nanogel-Based Delivery System for Lemongrass Essential Oil: A Promising Approach to Overcome Antibiotic Resistance in Pseudomonas aeruginosa Infections.

Gels (Basel, Switzerland) , Volume: 9 Issue: 9 2023 Sep 13

Authors Aldawsari MF,Foudah AI,Rawat P,Alam A,Salkini MA

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

In vitro antimicrobial and cytotoxic activity of Neem and Kirata herbal formulation mediated Silver nanoparticles.

Bioinformation , Volume: 18 Issue: 11 2022

Authors R R,Sp SD,B N,S R

Unveiling the bioactive potential of Pimpinella anisum L. leaf extracts: Chromatographic profiling, antimicrobial efficiency, and cytotoxicity analysis.

Biomedical chromatography : BMC , Volume: 37 Issue: 12 2023 Dec

Authors Dawoud T,Ameen F

Effect of ginger essential oil and 6-gingerol on a multispecies biofilm of Listeria monocytogenes, Salmonella Typhimurium,

and *Pseudomonas aeruginosa*.

Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology] , Volume: 54 Issue: 4 2023 Dec

Authors Dos Santos EAR,Tadielo LE,Schmiedt JA,Possebon FS,Pereira MO,Pereira JG,Dos Santos Bersot L

Antibiotic-Potentiating Effect of Some Bioactive Natural Products against Planktonic Cells, Biofilms, and Virulence Factors of *Pseudomonas aeruginosa*.

BioMed research international , Volume: 2023 2023

Authors Chimi LY,Bisso BN,Njateng GSS,Dzoyem JP

The chronic consumption of dietary fructose promotes the gut *Clostridium* species imbalance and bile acid alterations in developing nonalcoholic fatty liver disease.

The Journal of nutritional biochemistry , Volume: 121 2023 Nov

Authors Zhang D,Wang H,Liu A,Wang S,Xu C,Lan K,Xiang W,Zhu K,Xiao Y,Fu J,Jiang R,Chen W,Ni Y

Dietary oregano aqueous extract improves growth performance and intestinal health of broilers through modulating gut microbial compositions.

Journal of animal science and biotechnology , Volume: 14 Issue: 1 2023 Sep 1

Authors Zhang F,Yang J,Zhan Q,Shi H,Li Y,Li D,Li Y,Yang X

Analysis of the main bioactive compounds from *Ocimum basilicum* for their antimicrobial and antioxidant activity.

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

Authors Backiam ADS,Duraisamy S,Karupaiya P,Balakrishnan S,Sathyan A,Kumarasamy A,Raju A

Effect of *Bacillus subtilis* and Oregano Oil on Performance, Gut Microbiome, and Intestinal Morphology in Pullets.

Animals : an open access journal from MDPI , Volume: 13 Issue: 16 2023 Aug 8

Authors Kim HJ,Kim HS,Yun YS,Kang HK

Antibacterial activity of *Thymus vulgaris* (thyme) essential oil against strains of *Pseudomonas aeruginosa*, *Klebsiella pneumoniae* and *Staphylococcus saprophyticus* isolated from meat product.

Brazilian journal of biology = Revista brasleira de biologia , Volume: 83 2023

Authors Diniz AF,Santos B,Nóbrega LMMO,Santos VRL,Mariz WS,Cruz PSC,Nóbrega RO,Silva RL,Paula AFR,Santos JRDA,Pessôa HLF,Oliveira-Filho AA

Supplementation of ginger root extract into broiler chicken diet: effects on growth performance and immunocompetence.

Poultry science , Volume: 102 Issue: 10 2023 Jul 11

Authors Dosu G,Obanla TO,Zhang S,Sang S,Adetunji AO,Fahrenholz AC,Ferket PR,Nagabhushanam K,Fasina YO

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

Pimpinella anisum L. Essential Oil a Valuable Antibacterial and Antifungal Alternative.

Plants (Basel, Switzerland) , Volume: 12 Issue: 13 2023 Jun 23

Authors Dumitrescu E,Muselin F,Tirziu E,Folescu M,Dumitrescu CS,Orboi DM,Cristina RT

Cinnamon oil solid self-microemulsion mediates chronic mild stress-induced depression in mice by modulating monoamine neurotransmitters, corticosterone, inflammation cytokines, and intestinal flora.

Heliyon , Volume: 9 Issue: 6 2023 Jun

Authors Ma T,Tang B,Wang Y,Shen M,Ping Y,Wang L,Su J

Assessment of anticancer, antimicrobial, antidiabetic, anti-obesity and antioxidant activity of *Ocimum Basilicum* seeds essential oil from Palestine.

BMC complementary medicine and therapies , Volume: 23 Issue: 1 2023 Jul 4

Authors Eid AM,Jaradat N,Shraim N,Hawash M,Issa L,Shakhsher M,Nawahda N,Hanbali A,Barahmeh N,Taha B,Mousa A

Antibacterial Activities of Mint (*Mentha piperita*) Leaf Extracts (Aqueous) Against Two Food Borne infection causing pathogens: *Staphylococcus aureus* and *Escherichia coli*.

Mymensingh medical journal : MMJ , Volume: 32 Issue: 3 2023 Jul

Authors Afrin A,Ahmed AU,Zannat KE,Tanzim SM,Saha BC,Joynal JB,Aktar M,Nira NH,Sabrin F,Nahar S,Jahan S,Shimu RN,Hossain MA

Phyto-Inhibitory and Antimicrobial Activity of Brown Propolis from Romania.

Antibiotics (Basel, Switzerland) , Volume: 12 Issue: 6 2023 Jun 5

Authors Vica ML,Glevitzky M,Heghedus-Mindru RC,Dumitrel GA,Heghedus-Mindru G,Popa M,Faur DM,Bălăci ?,Teodoru CA

A Unique Case of *Pseudomonas aeruginosa*-Associated Diarrhea in a Long-Term Hospitalized Adult Patient.

Cureus , Volume: 15 Issue: 6 2023 Jun

Authors Mishra S,Mann B,Besmanos C,Raza N,Heidari A

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

Debilitating Gentamicin Ototoxicity: Case Report and Recommendations Against Routine Use in Surgical Prophylaxis.

The Annals of otology, rhinology, and laryngology , Volume: 132 Issue: 12 2023 Dec

Authors Kalmanson OA,McLoughlin KC,Kiser TH,Gubbels SP

Preparation and characterization of curcumin/chitosan conjugate as an efficient photodynamic antibacterial agent.

Carbohydrate polymers , Volume: 313 2023 Aug 1

Authors Zhao L,Ding X,Khan IM,Yue L,Zhang Y,Wang Z

Gentamicin alleviates cholestatic liver injury by decreasing gut microbiota-associated bile salt hydrolase activity in rats.

European journal of pharmacology , Volume: 951 2023 May 12

Authors Ma Y,Wang H,Yang J,Xin M,Wu X

Chemical Constituents, Antioxidant Potential, and Antimicrobial Efficacy of Pimpinella anisum Extracts against Multidrug-Resistant Bacteria.

Microorganisms , Volume: 11 Issue: 4 2023 Apr 14

Authors AlBalawi AN,Elmetwalli A,Baraka DM,Alnaqar HA,Alamri ES,Hassan MG

Antimicrobial Activity of Some Medicinal Herbs to the Treatment of Cutaneous and Mucocutaneous Infections: Preliminary Research.

Microorganisms , Volume: 11 Issue: 2 2023 Jan 20

Authors Noites A,Borges I,Araújo B,da Silva JCGE,de Oliveira NM,Machado J,Pinto E

Antioxidant and Antimicrobial Properties of Hydrolysed Collagen Nanofibers Loaded with Ginger Essential Oil.

Materials (Basel, Switzerland) , Volume: 16 Issue: 4 2023 Feb 8

Authors Berechet MD,Gaidau C,Nešić A,Constantinescu RR,Simion D,Niculescu O,Steleescu MD,Sandulache I,Râpa M

Formulation, In Vitro and In Silico Evaluations of Anise (Pimpinella anisum L.) Essential Oil Emulgel with Improved Antimicrobial Effects.

Gels (Basel, Switzerland) , Volume: 9 Issue: 2 2023 Jan 28

Authors Azam F,Alqarni MH,Alnasser SM,Alam P,Jawaid T,Kamal M,Khan S,Alam A

Assessment of The Antibacterial Susceptibility of Ocimum basilicum.

Cellular and molecular biology (Noisy-le-Grand, France) , Volume: 68 Issue: 8 2022 Aug 31

Authors Alsalamah S,Algonuim MI,Basher N,Sulieman AME

Effects of β -glucan on Salmonella enterica serovar Typhimurium swine colonization and microbiota alterations.

Porcine health management , Volume: 9 Issue: 1 2023 Feb 14

Authors Bearson SMD,Trachsel JM,Bearson BL,Loving CL,Kerr BJ,Shippy DC,Kiros TG

Taiwanese green propolis ameliorates metabolic syndrome via remodeling of white adipose tissue and modulation of gut microbiota in diet-induced obese mice.

Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 160 2023 Apr

Authors Chien YH,Yu YH,Chen YW

Antimicrobial Activity of Quercetin, Naringenin and Catechin: Flavonoids Inhibit Staphylococcus aureus-Induced Hemolysis and Modify Membranes of Bacteria and Erythrocytes.

Molecules (Basel, Switzerland) , Volume: 28 Issue: 3 2023 Jan 27

Authors Veiko AG,Olchowik-Grabarek E,Sekowski S,Roszkowska A,Lapshina EA,Dobrzynska I,Zamaraeva M,Zavodnik IB

The Antimicrobial Activity of Curcumin and Xanthohumol on Bacterial Biofilms Developed over Dental Implant Surfaces.

International journal of molecular sciences , Volume: 24 Issue: 3 2023 Jan 25

Authors Alonso-Español A,Bravo E,Ribeiro-Vidal H,Virto L,Herrera D,Alonso B,Sanz M

Chemical Composition and Antimicrobial Activity of New Honey Varietals.

International journal of environmental research and public health , Volume: 20 Issue: 3 2023 Jan 30

Authors Kunat-Budzyńska M,Rysiak A,Wiater A,Graz M,Andrejko M,Budzyński M,Brys MS,Sudzinski M,Tomczyk M,Gancarz M,Rusinek R,Ptaszyńska AA

Oligofructose, 2'fucosyllactose and β -glucan in combination induce specific changes in microbial composition and short-chain fatty acid production compared to sole supplementation.

Journal of applied microbiology , Volume: 134 Issue: 2 2023 Feb 16

Authors Jackson PPJ,Wijeyasekera A,van Harsselaar J,Theis S,Rastall RA

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

Antibacterial Effect of 16 Essential Oils and Modulation of mex Efflux Pumps Gene Expression on Multidrug-Resistant *Pseudomonas aeruginosa* Clinical Isolates: Is Cinnamon a Good Fighter?

Antibiotics (Basel, Switzerland) , Volume: 12 Issue: 1 2023 Jan 12

Authors Co?eriu RL,Vintila C,Pribac M,Mare AD,Ciurea CN,Toganel RO,Cighir A,Simion A,Man A

Detection of typical indigenous gut bacteria related to turmeric (*Curcuma longa*) powder in mouse caecum and human faecal cultures.

Molecular biology reports , Volume: 50 Issue: 4 2023 Apr

Authors Xia Y,Lee G,Takei N,Takahashi H,Kuda T

Enhanced antimicrobial and antioxidant capacity of *Thymus vulgaris*, *Lippia sidoides*, and *Cymbopogon citratus* emulsions when combined with mannosylerythritol a lipid biosurfactant.

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

Authors Zannotto AW,Kanemaru MYS,de Souza FG,Duarte MCT,de Andrade CJ,Pastore GM

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

Thyme (*Thymus vulgaris* L.) polyphenols ameliorate DSS-induced ulcerative colitis of mice by mitigating intestinal barrier damage, regulating gut microbiota, and suppressing TLR4/NF- κ B-NLRP3 inflammasome pathways.

Food & function , Volume: 14 Issue: 2 2023 Jan 23

Authors Zhou Z,He W,Tian H,Zhan P,Liu J

Modulating gut microbiota and metabolites with dietary fiber oat β -glucan interventions to improve growth performance and intestinal function in weaned rabbits.

Frontiers in microbiology , Volume: 13 2022

Authors Ma L,Luo Z,Huang Y,Li Y,Guan J,Zhou T,Du Z,Yong K,Yao X,Shen L,Yu S,Zhong Z,Hu Y,Peng G,Shi X,Cao S

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

Two weeks of high glucose intake is enough to induce intestinal mucosal damage and disturb the balance of the gut microbiota of rats.

Biomedical reports , Volume: 18 Issue: 1 2023 Jan

Authors Min C,Fu T,Tan W,Wang T,Du Y,Huang X

Effects of highland barley β -glucan on blood glucose and gut microbiota in streptozotocin-induced, diabetic, C57BL/6 mice on a high-fat diet.

Nutrition (Burbank, Los Angeles County, Calif.) , Volume: 107 2023 Mar

Authors Zang Y,Liu J,Zhai A,Wu K,Chuang Y,Ge Y,Wang C

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

β -Glucan alleviates mice with ulcerative colitis through interactions between gut microbes and amino acids metabolism.

Journal of the science of food and agriculture , Volume: 103 Issue: 8 2023 Jun

Authors Liu C,Sun C,Cheng Y

Antibacterial and Antiproliferative Activities of *Azadirachta indica* Leaf Extract and Its Effect on Oil-in-Water Food Emulsion Stability.

Molecules (Basel, Switzerland) , Volume: 27 Issue: 22 2022 Nov 11

Authors Ouerfelli M,Metón I,Codina-Torrella I,Almajano MP

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

Modulation of growth performance, gut morphometry, and cecal microbiota in broilers by clove (*Syzygium aromaticum*) and tulsi (*Ocimum sanctum*) supplementation.

Poultry science , Volume: 102 Issue: 1 2023 Jan

Authors Islam R,Sultana N,Bhakta S,Haque Z,Hasan A,Siddique MP,Islam MR

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

Dietary Oregano Essential Oil Supplementation Influences Production Performance and Gut Microbiota in Late-Phase Laying Hens Fed Wheat-Based Diets.

Animals : an open access journal from MDPI , Volume: 12 Issue: 21 2022 Nov 2

Authors Gao F,Zhang L,Li H,Xia F,Bai H,Piao X,Sun Z,Cui H,Shi L

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

Cedrol from ginger alleviates rheumatoid arthritis through dynamic regulation of intestinal microenvironment.

Food & function , Volume: 13 Issue: 22 2022 Nov 14

Authors Zhang Y,Liu Y,Peng F,Wei X,Hao H,Li W,Zhao Y

Curcumin 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

The effects of peppermint (*Mentha piperita* L.) and chicory (*Cichorium intybus* L.) in comparison with a prebiotic on productive performance, blood constituents, immunity and intestinal microflora in broiler chickens.

Animal biotechnology , Volume: 34 Issue: 7 2023 Dec

Authors Tufarelli V,Ghavami N,Nosrati M,Rasouli B,Kadim IT,Suárez Ramírez L,Gorlov I,Slozhenkina M,Mosolov A,Seidavi A,Ayasan T,Laudadio V

Alginate hydrogel with enhanced curcumin release through HPβCD assisted host-guest interaction.

Biomaterials advances , Volume: 141 2022 Oct

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

Antibacterial and Anti-Inflammatory Activities of Thymus vulgaris Essential Oil Nanoemulsion on Acne Vulgaris.

Microorganisms , Volume: 10 Issue: 9 2022 Sep 19

Authors Abdelhamed FM,Abdeljawad NF,EIRakaiby MT,Shamma RN,Moneib NA

Thymol screening, phenolic contents, antioxidant and antibacterial activities of Iranian populations of *Trachyspermum ammi* (L.) Sprague (Apiaceae).

Scientific reports , Volume: 12 Issue: 1 2022 Sep 19

Authors Modareskia M,Fattahi M,Mirjalili MH

Synthesis, spectroscopic characterization, density functional theory study, antimicrobial and antioxidant activities of curcumin and alanine-curcumin Schiff base.

Journal of biomolecular structure & dynamics , Volume: 41 Issue: 16 2023 Sep-Oct

Authors Layaida H,Hellal A,Chafai N,Haddadi I,Imene K,Anis B,Mouna E,Bensouici C,Sobhi W,Attoui A,Lilia A

Antagonistic, synergistic, and additive antibacterial interaction between ciprofloxacin and amoxicillin against *Staphylococcus aureus*.

Fundamental & clinical pharmacology , Volume: 37 Issue: 1 2023 Feb

Authors Gómez-Sánchez E,Franco-de la Torre L,Hernández-Gómez A,Alonso-Castro AJ,Serafín-Higuera N,Terán-Rosales F,Bologna-Molina RE,Isiordia-Espinoza MA

Impact of Propolis on *Escherichia coli* and *Bacillus subtilis* Based on Total DNA, RNA and Protein Levels.

Pakistan journal of biological sciences : PJBS , Volume: 25 Issue: 9 2022 Jan

Authors Nafea EA,Yousef AD,Dereny SHE,Abdel-Hameed KHM,Mahfouz HM,Farghaly DS

Effect of aqueous and organic solvent extraction on in-vitro antimicrobial activity of two varieties of fresh ginger (*Zingiber officinale*) and garlic (*Allium sativum*).

Heliyon , Volume: 8 Issue: 9 2022 Sep

Authors Akullo JO,Kiagi B,Nakimbugwe D,Kinyuru J

Formation of cinnamon essential oil/xanthan gum/chitosan composite microcapsules basing on Pickering emulsions.

Colloid and polymer science , Volume: 300 Issue: 10 2022

Authors Li X,Gao Y,Li Y,Li Y,Liu H,Yang Z,Wu H,Hu Y

Metformin reverse minocycline to inhibit minocycline-resistant *Acinetobacter baumannii* by destroy the outer membrane and enhance membrane potential in vitro.

BMC microbiology , Volume: 22 Issue: 1 2022 Sep 12

Authors Guo T,Sun X,Yang J,Yang L,Li M,Wang Y,Jiao H,Li G

In vitro and in vivo efficacy of poly(lactic acid) nanofiber packaging containing essential oils from *Ocimum basilicum* L. and *Ocimum gratissimum* L. against *Aspergillus carbonarius* and *Aspergillus niger* in table grapes.

Food chemistry , Volume: 400 2023 Jan 30

Authors Magalhães Brandão R,Roberto Batista L,Elvis de Oliveira J,Bispo Barbosa R,Lee Nelson D,Graças Cardoso M

New Recommendations of a Height-Based Dosing Regimen of Tobramycin for Cystic Fibrosis in Adults: A Population Pharmacokinetic Analysis.

Therapeutic drug monitoring , Volume: 45 Issue: 2 2023 Apr 1

Authors Koloskoff K,Thirion DJG,Matouk E,Marsot A

[Curcumin-driven reprogramming of the gut microbiota and metabolome ameliorates motor deficits and neuroinflammation in a mouse model of Parkinson's disease.](#)**Frontiers in cellular and infection microbiology , Volume: 12 2022**

Authors Cui C,Han Y,Li H,Yu H,Zhang B,Li G

[Nano-Microemulsions of CaCO₃-Encapsulated Curcumin Ester Derivatives With High Antioxidant and Antimicrobial Activities and pH Sensitivity.](#)**Frontiers in veterinary science , Volume: 9 2022**

Authors Wang L,Wang X,Guo Z,Xia Y,Geng M,Liu D,Zhang Z,Yang Y

[Eugenol, A Major Component of Clove Oil, Attenuates Adiposity, and Modulates Gut Microbiota in High-Fat Diet-Fed Mice.](#)**Molecular nutrition & food research , Volume: 66 Issue: 20 2022 Oct**

Authors Li M,Zhao Y,Wang Y,Geng R,Fang J,Kang SG,Huang K,Tong T

[Fabrication and Optimization of Essential-Oil-Loaded Nanoemulsion Using Box-Behnken Design against Staphylococcus aureus and Staphylococcus epidermidis Isolated from Oral Cavity.](#)**Pharmaceutics , Volume: 14 Issue: 8 2022 Aug 5**

Authors Ullah N,Amin A,Alamoudi RA,Rasheed SA,Alamoudi RA,Nawaz A,Raza M,Nawaz T,Ishtiaq S,Abbas SS

[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

[Nutritionally rich biochemical profile in essential oil of various Mentha species and their antimicrobial activities.](#)**Protoplasma , Volume: 260 Issue: 2 2023 Mar**

Authors Fazal H,Akram M,Ahmad N,Qaisar M,Kanwal F,Rehman G,Ullah I

[Beta-Glucan Alters Gut Microbiota and Plasma Metabolites in Pre-Weaning Dairy Calves.](#)**Metabolites , Volume: 12 Issue: 8 2022 Jul 26**

Authors Luo Z,Ma L,Zhou T,Huang Y,Zhang L,Du Z,Yong K,Yao X,Shen L,Yu S,Shi X,Cao S

[Kaempferia parviflora Rhizome Extract as Potential Anti-Acne Ingredient.](#)**Molecules (Basel, Switzerland) , Volume: 27 Issue: 14 2022 Jul 8**

Authors Sitthichai P,Chanpirom S,Maneerat T,Charoensup R,Tree-Udom T,Pintathong P,Laphookhieo S,Sripisut T

[Antimicrobial Activity of Essential Oils Evaluated In Vitro against Escherichia coli and Staphylococcus aureus.](#)**Antibiotics (Basel, Switzerland) , Volume: 11 Issue: 7 2022 Jul 20**

Authors Galgano M,Capozza P,Pellegrini F,Cordisco M,Sposato A,Sblano S,Camero M,Lanave G,Fracchiolla G,Corrente M,Cirone F,Trotta A,Tempesta M,Buonavoglia D,Pratelli A

[Antioxidant and Anti-Inflammatory Effects of Thyme \(Thymus vulgaris L.\) Essential Oils Prepared at Different Plant Phenophases on Pseudomonas aeruginosa LPS-Activated THP-1 Macrophages.](#)**Antioxidants (Basel, Switzerland) , Volume: 11 Issue: 7 2022 Jul 6**

Authors Pandur E,Micalizzi G,Mondello L,Horváth A,Sipos K,Horváth G

[Integrated Analysis of the Alterations in Gut Microbiota and Metabolites of Mice Induced After Long-Term Intervention With Different Antibiotics.](#)**Frontiers in microbiology , Volume: 13 2022**

Authors Zhang N,Liu J,Chen Z,Chen N,Gu F,He Q

[Liver Transcriptome and Gut Microbiome Analysis Reveals the Effects of High Fructose Corn Syrup in Mice.](#)**Frontiers in nutrition , Volume: 9 2022**

Authors Shen Y,Sun Y,Wang X,Xiao Y,Ma L,Lyu W,Zheng Z,Wang W,Li J

[Alteration of gut microbiota in high-fat diet-induced obese mice using carnosic acid from rosemary.](#)**Food science & nutrition , Volume: 10 Issue: 7 2022 Jul**

Authors He X,Zhang M,Li ST,Li X,Huang Q,Zhang K,Zheng X,Xu XT,Zhao DG,Ma YY

[Discovery of Quercetin and Its Analogs as Potent OXA-48 Beta-Lactamase Inhibitors.](#)**Frontiers in pharmacology , Volume: 13 2022**

Authors Zhang Y,Chen C,Cheng B,Gao L,Qin C,Zhang L,Zhang X,Wang J,Wan Y

[Dietary Eugenol Nanoemulsion Potentiated Performance of Broiler Chickens: Orchestration of Digestive Enzymes, Intestinal Barrier Functions and Cytokines Related Gene Expression With a Consequence of Attenuating the Severity of E. coli 078 Infection.](#)**Frontiers in veterinary science , Volume: 9 2022**

Authors Ibrahim D,Eldemery F,Metwally AS,Abd-Allah EM,Mohamed DT,Ismail TA,Hamed TA,Al Sadik GM,Neamat-Allah ANF,Abd El-Hamid MI

Binary Synergistic Combinations of Lavender and Fennel Essential Oils with Amoxicillin.

Planta medica , Volume: 89 Issue: 8 2023 Jul

Authors Karadag AE,Çaskurlu A,Demirci B,Demirci F

The Effect of Pimpinella Anisum and Origanum Vulgare Extracts Against Streptococcus Sanguinis, Streptococcus Mutans, and Streptococcus Salivarius.

Journal of dentistry (Shiraz, Iran) , Volume: 23 Issue: 2 2022 Jun

Authors Lavaee F,Moqadas A,Modarresi F,Nowrouzi M

A comparative study of antibacterial and antivirulence activities of four selected honeys to Manuka honey.

Iranian journal of microbiology , Volume: 14 Issue: 2 2022 Apr

Authors Al-Kafaween MA,Nagi Al-Jamal HA

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

Efficacy of Amikacin and Meropenem on Colistin-Induced Klebsiella pneumoniae Persisters.

Microbial drug resistance (Larchmont, N.Y.) , Volume: 28 Issue: 7 2022 Jul

Authors Vatansever C,Ozer B,Atac N,Guler OU,Kilicoglu BK,Berkkan M,Baskurt D,Sever E,Dogan O,Can F

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

Antioxidative, Antibacterial and Antiproliferative Properties of Honey Types from the Western Balkans.

Antioxidants (Basel, Switzerland) , Volume: 11 Issue: 6 2022 Jun 6

Authors Sakac M,Jovanov P,Maric A,Cetojevic-Simin D,Novakovic A,Plavšić D,Škrobot D,Kovac R

Comparative Palynological, Physicochemical, Antioxidant and Antibacterial Properties of Romanian Honey Varieties for Biomedical Applications.

Chemistry & biodiversity , Volume: 19 Issue: 8 2022 Aug

Authors Iosageanu A,Mihai E,Prelipcean AM,Anton RE,Utoiu E,Oancea A,Craciunescu O,Cimpean A

Profiling the Effects of Systemic Antibiotics for Acne, Including the Narrow-Spectrum Antibiotic Sarecycline, on the Human Gut Microbiota.

Frontiers in microbiology , Volume: 13 2022

Authors Moura IB,Grada A,Spittal W,Clark E,Ewin D,Altringham J,Fumero E,Wilcox MH,Buckley AM

Chemical Profile, Antibacterial and Antioxidant Potential of Zingiber officinale Roscoe and Elettaria cardamomum (L.) Maton Essential Oils and Extracts.

Plants (Basel, Switzerland) , Volume: 11 Issue: 11 2022 May 31

Authors Tarfaoui K,Brhadda N,Ziri R,Oubihi A,Imtara H,Haida S,Al Kamaly OM,Saleh A,Parvez MK,Fettach S,Ouhssine M

Zingiber officinale and Panax ginseng ameliorate ulcerative colitis in mice via modulating gut microbiota and its metabolites.

Journal of chromatography. B, Analytical technologies in the biomedical and life sciences , Volume: 1203 2022 Jul 1

Authors Wan Y,Yang L,Li H,Ren H,Zhu K,Dong Z,Jiang S,Shang E,Qian D,Duan J

Synergy of Dietary Quercetin and Vitamin E Improves Cecal Microbiota and Its Metabolite Profile in Aged Breeder Hens.

Frontiers in microbiology , Volume: 13 2022

Authors Amevor FK,Cui Z,Du X,Feng J,Shu G,Ning Z,Xu D,Deng X,Song W,Wu Y,Cao X,Wei S,He J,Kong F,Du X,Tian Y,Karikari B,Li D,Wang Y,Zhang Y,Zhu Q,Zhao X

Oat β Glucan Ameliorates Renal Function and Gut Microbiota in Diabetic Rats.

Frontiers in nutrition , Volume: 9 2022

Authors Wang R,Zhang Z,Aihemaitijiang S,Ye C,Halimulati M,Huang X,Qin H

A Three-Day Intervention With Granola Containing Cereal Beta-Glucan Improves Glycemic Response and Changes the Gut Microbiota in Healthy Individuals: A Crossover Study.

Frontiers in nutrition , Volume: 9 2022

Authors Telle-Hansen VH,Gaundal L,Høgvard B,Ulven SM,Holven KB,Byfuglien MG,Måge I,Knutzen SH,Ballance S,Rieder A,Rud I,Myhrstad MCW

Biogenic Synthesis and Characterization of Chitosan-CuO Nanocomposite and Evaluation of Antibacterial Activity against Gram-Positive and -Negative Bacteria.

Polymers , Volume: 14 Issue: 9 2022 Apr 29

Authors Umoren PS,Kavaz D,Nzila A,Sankaran SS,Umoren SA

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

Comparative Analysis of the Antimicrobial Activity of Essential Oils and Their Formulated Microemulsions against Foodborne Pathogens and Spoilage Bacteria.

Antibiotics (Basel, Switzerland) , Volume: 11 Issue: 4 2022 Mar 25

Authors Campana R,Tiboni M,Maggi F,Cappellacci L,Cianfaglione K,Morshedloo MR,Frangipani E,Casettari L

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

Sarecycline Demonstrated Reduced Activity Compared to Minocycline against Microbial Species Representing Human Gastrointestinal Microbiota.

Antibiotics (Basel, Switzerland) , Volume: 11 Issue: 3 2022 Feb 28

Authors Ghannoum MA,Long L,Bunick CG,Del Rosso JQ,Gamal A,Tyring SK,McCormick TS,Grada A

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

Biocomposites of Silk-Elastin and Essential Oil from Mentha piperita Display Antibacterial Activity.

ACS omega , Volume: 7 Issue: 8 2022 Mar 1

Authors Gomes DS,da Costa A,Pereira AM,Casal M,Machado R

Evaluating the effects of a standardized polyphenol mixture extracted from poplar-type propolis on healthy and diseased human gut microbiota.

Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 148 2022 Apr

Authors Garzarella EU,Navajas-Porras B,Pérez-Burillo S,Ullah H,Esposito C,Santarcangelo C,Hinojosa-Nogueira D,Pastoriza S,Zaccaria V,Xiao J,Rufián-Henares JÁ,Daglia M

Evaluation of a Zingiber officinale and Bixa orellana Supplement on the Gut Microbiota of Male Athletes: A Randomized Placebo-Controlled Trial.

Planta medica , Volume: 88 Issue: 13 2022 Oct

Authors Domínguez-Balmaseda D,Bressa C,Fernández-Romero A,de Lucas B,Pérez-Ruiz M,San Juan AF,Roller M,Issaly N,Larrosa M

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

Oligosaccharide and Flavanoid Mediated Prebiotic Interventions to Treat Gut Dysbiosis Associated Cognitive Decline.

Journal of neuroimmune pharmacology : the official journal of the Society on NeuroImmune Pharmacology , Volume: 17 Issue: 1-2 2022 Jun

Authors Sarkar SR,Mazumder PM,Banerjee S

Curcumin Supplementation (Meriva®) Modulates Inflammation, Lipid Peroxidation and Gut Microbiota Composition in Chronic Kidney Disease.

Nutrients , Volume: 14 Issue: 1 2022 Jan 5

Authors Pivari F,Mingione A,Piazzini G,Ceccarani C,Ottaviano E,Brasacchio C,Dei Cas M,Vischi M,Cozzolino MG,Fogagnolo P,Riva A,Petrangolini G,Barrea L,Di Renzo L,Borghi E,Signorelli P,Paroni R,Soldati L

Yeast β -Glucan Altered Intestinal Microbiome and Metabolome in Older Hens.

Frontiers in microbiology , Volume: 12 2021

Authors Zhen W,Liu Y,Shao Y,Ma Y,Wu Y,Guo F,Abbas W,Guo Y,Wang Z

Antibacterial efficacy of different combinations of clove, eucalyptus, ginger, and selected antibiotics against clinical isolates of *Pseudomonas aeruginosa*.

Ayu , Volume: 41 Issue: 2 2020 Apr-Jun

Authors Sagar PK,Sharma P,Singh R

Correction to "ZnO/Curcumin Nanocomposites for the Enhanced Inhibition of *Pseudomonas aeruginosa* Virulence via LasR-RhlR Quorum Sensing Systems".

Molecular pharmaceutics , 2021 Dec 7

Authors Prateeksha,Rao CV, Das AK, Barik SK, Singh BN

Potential effects of Saudi Shaoka (*Fagonia bruguieri*) honey against multi-drug-resistant bacteria and cancer cells in comparison to Manuka honey.

Saudi journal of biological sciences , Volume: 28 Issue: 12 2021 Dec

Authors Halawani EM

Multidimensional exploration of essential oils generated via eight oregano cultivars: Compositions, chemodiversities, and antibacterial capacities.

Food chemistry , Volume: 374 2022 Apr 16

Authors Hao Y, Kang J, Yang R, Li H, Cui H, Bai H, Tsitsilin A, Li J, Shi L

Effects of free radicals from doxycycline hyclate and minocycline hydrochloride under blue light irradiation on the deactivation of *Staphylococcus aureus*, including a methicillin-resistant strain.

Journal of photochemistry and photobiology. B, Biology , Volume: 226 2022 Jan

Authors Yuann JP, Lee SY, He S, Wong TW, Yang MJ, Cheng CW, Huang ST, Liang JY

Lemongrass and Perilla Essential Oils Synergistically Increased Antimicrobial Activity.

Medical mycology journal , Volume: 62 Issue: 4 2021

Authors Ishijima SA, Ezawa K, Abe S

Dietary supplementation of gingerols- and shogaols-enriched ginger root extract attenuate pain-associated behaviors while modulating gut microbiota and metabolites in rats with spinal nerve ligation.

The Journal of nutritional biochemistry , 2021 Nov 5

Authors Shen CL, Wang R, Ji G, Elmassry MM, Zabet-Moghaddam M, Vellers H, Hamood AN, Gong X, Mirzaei P, Sang S, Neugebauer V

Combined effect of carvacrol, thymol and nisin against *Staphylococcus aureus* and *Salmonella Enteritidis*.

Anais da Academia Brasileira de Ciencias , Volume: 93 Issue: suppl 4 2021

Authors Heckler C, Sant`anna V, Brandelli A, Malheiros PS

Curcuma longa hydrolate improves Nile tilapia survival in a recirculation rearing system, maintaining the animal homeostasis and modulating the gut microbial community.

Anais da Academia Brasileira de Ciencias , Volume: 93 Issue: suppl 4 2021

Authors Pereira MO, Hess JD, Rodhermel JCB, Farias DR, Schleder DD, Alves L, Bertoldi FC, Chaban A, Andrade JIA, Jatobá A

Cinnamaldehyde Promotes the Intestinal Barrier Functions and Reshapes Gut Microbiome in Early Weaned Rats.

Frontiers in nutrition , Volume: 8 2021

Authors Qi L, Mao H, Lu X, Shi T, Wang J

Antifungal effects of tulsi, garlic, cinnamon and lemongrass in powder and oil form on *Candida albicans*: An in vitro study.

Journal of oral and maxillofacial pathology : JOMFP , Volume: 25 Issue: 2 2021 May-Aug

Authors Prajapati M, Shah M, Ranginwala A, Agrawal P, Acharya D, Thakkar S

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 GI, Scaria J

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

Antibiofilm Potential of Medicinal Plants against *Candida* spp. Oral Biofilms: A Review.

Antibiotics (Basel, Switzerland) , Volume: 10 Issue: 9 2021 Sep 21

Authors Guimarães R, Milho C, Liberal Â, Silva J, Fonseca C, Barbosa A, Ferreira ICFR, Alves MJ, Barros L

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 dietary rosemary extract supplementation on growth performance, nutrient digestibility, antioxidant capacity, intestinal morphology, and microbiota of weaning pigs.

Journal of animal science , Volume: 99 Issue: 9 2021 Sep 1

Authors Yang M, Yin Y, Wang F, Bao X, Long L, Tan B, Yin Y, Chen J

Facile Synthesis of Natural Anise-Based Nanoemulsions and Their Antimicrobial Activity.

Polymers , Volume: 13 Issue: 12 2021 Jun 19

Authors Abu Ali OA, El-Naggar ME, Abdel-Aziz MS, Saleh DI, Abu-Saied MA, El-Sayed WA

Mint Oils: In Vitro Ability to Perform Anti-Inflammatory, Antioxidant, and Antimicrobial Activities and to Enhance Intestinal

Barrier Integrity.**Antioxidants (Basel, Switzerland) , Volume: 10 Issue: 7 2021 Jun 23**

Authors Hejna M,Kovanda L,Rossi L,Liu Y

Improvement of Metabolic Syndrome in High-Fat Diet-Induced Mice by Yeast β -Glucan Is Linked to Inhibited Proliferation of Lactobacillus and Lactococcus in Gut Microbiota.**Journal of agricultural and food chemistry , Volume: 69 Issue: 27 2021 Jul 14**

Authors Chen G,Chen D,Zhou W,Peng Y,Chen C,Shen W,Zeng X,Yuan Q

Dietary turmeric (Curcuma longa L.) supplementation improves growth performance, short-chain fatty acid production, and modulates bacterial composition of weaned piglets.**Journal of animal science and technology , Volume: 63 Issue: 3 2021 May**

Authors Recharla N,Balasubramanian B,Song M,Puligundla P,Kim SK,Jeong JY,Park S

Curcumin modulates gut microbiota and improves renal function in rats with uric acid nephropathy.**Renal failure , Volume: 43 Issue: 1 2021 Dec**

Authors Xu X,Wang H,Guo D,Man X,Liu J,Li J,Luo C,Zhang M,Zhen L,Liu X

Antimicrobial synergism and antibiofilm activities of Pelargonium graveolens, Rosemary officinalis, and Mentha piperita essential oils against extreme drug-resistant Acinetobacter baumannii clinical isolates.**Zeitschrift fur Naturforschung. C, Journal of biosciences , Volume: 77 Issue: 3-4 2022 Mar 28**

Authors Kafa AHT,Aslan R,Celik C,Hasbek M

Circadian disruption-induced metabolic syndrome in mice is ameliorated by oat β -glucan mediated by gut microbiota.**Carbohydrate polymers , Volume: 267 2021 Sep 1**

Authors Cheng WY,Lam KL,Li X,Kong AP,Cheung PC

Preparation and photodynamic bactericidal effects of curcumin- β -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

A diet high in sugar and fat influences neurotransmitter metabolism and then affects brain function by altering the gut microbiota.**Translational psychiatry , Volume: 11 Issue: 1 2021 May 27**

Authors Guo Y,Zhu X,Zeng M,Qi L,Tang X,Wang D,Zhang M,Xie Y,Li H,Yang X,Chen D

The bactericidal effect of vancomycin is not altered by tranexamic acid, adrenalin, dexamethasone, or lidocaine in vitro.**Scientific reports , Volume: 11 Issue: 1 2021 May 24**

Authors Schwerdt C,Röhner E,Böhle S,Jacob B,Matziolis G

Assessment of antibacterial and antifungal potential of Curcuma longa and synthesized nanoparticles: A comparative study.**Journal of basic microbiology , Volume: 61 Issue: 7 2021 Jul**

Authors Khan MA,Moghul NB,Butt MA,Kiyani MM,Zafar I,Bukhari AI

Extract of neem (Azadirachta indica) leaf exhibits bactericidal effect against multidrug resistant pathogenic bacteria of poultry.**Veterinary medicine and science , 2021 May 6**

Authors Ali E,Islam MS,Hossen MI,Khatun MM,Islam MA

Sub-Inhibitory Concentrations of Ciprofloxacin Alone and Combinations with Plant-Derived Compounds against P. aeruginosa Biofilms and Their Effects on the Metabolomic Profile of P. aeruginosa Biofilms.**Antibiotics (Basel, Switzerland) , Volume: 10 Issue: 4 2021 Apr 9**

Authors Kart D,Reçber T,Nemutlu E,Sagiroglu M

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

Anti-Inflammatory and Antimicrobial Activities of Compounds Isolated from Distichochlamys benenica.**BioMed research international , Volume: 2021 2021**

Authors Pham TV,Hoang HNT,Nguyen HT,Nguyen HM,Huynh CT,Vu TY,Do AT,Nguyen NH,Do BH

Influence of Proton Pump Inhibitors and Histamine Receptor 2 Antagonists on Blastocystis ST3 and Selected Microorganisms of Intestinal Microbiota In Vitro.**Clinical and translational gastroenterology , Volume: 12 Issue: 4 2021 Apr 9**

Authors Lepczynska M,Dzika E,Chen W,Lu CY

Inhibition of Fungal Strains Isolated from Cereal Grains via Vapor Phase of Essential Oils.**Molecules (Basel, Switzerland) , Volume: 26 Issue: 5 2021 Mar 1**

Authors Strelková T,Nemes B,Kovács A,Novotný D,Božík M,Kloucek P

Ingestion of High β -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

[Ginger-separated moxibustion for chronic fatigue syndrome and its effect on intestinal flora].**Zhongguo zhen jiu = Chinese acupuncture & moxibustion** , Volume: 41 Issue: 3 2021 Mar 12

Authors Lin YF,Jin XQ,Zhu JF,Chen YD,Sheng JL,He JJ,Jin YY

Quercetin as a Precursor for the Synthesis of Novel Nanoscale Cu (II) Complex as a Catalyst for Alcohol Oxidation with High Antibacterial Activity.**Bioinorganic chemistry and applications** , Volume: 2021 2021

Authors Moodi Z,Bagherzade G,Peters J

Enhancement of the antibiotic activity by quercetin against Staphylococcus aureus efflux pumps.**Journal of bioenergetics and biomembranes** , Volume: 53 Issue: 2 2021 Apr

Authors Dos Santos JFS,Tintino SR,da Silva ARP,Dos S Barbosa CR,Scherf JR,de S Silveira Z,de Freitas TS,de Lacerda Neto LJ,Barros LM,de A Menezes IR,Coutinho HDM,Siqueira-Júnior JP,Cunha FAB

Effect of Quercetin on Lipids Metabolism Through Modulating the Gut Microbial and AMPK/PPAR Signaling Pathway in Broilers.**Frontiers in cell and developmental biology** , Volume: 9 2021

Authors Wang M,Wang B,Wang S,Lu H,Wu H,Ding M,Ying L,Mao Y,Li Y

Effects of dietary oregano essential oil supplementation on growth performance, intestinal antioxidative capacity, immunity, and intestinal microbiota in yellow-feathered chickens.**Journal of animal science** , Volume: 99 Issue: 2 2021 Feb 1

Authors Ruan D,Fan Q,Fouad AM,Sun Y,Huang S,Wu A,Lin C,Kuang Z,Zhang C,Jiang S

Oregano essential oil improves piglet health and performance through maternal feeding and is associated with changes in the gut microbiota.**Animal microbiome** , Volume: 3 Issue: 1 2021 Jan 4

Authors Hall HN,Wilkinson DJ,Le Bon M

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

Characterization, activities, and ethnobotanical uses of Mentha species in Morocco.**Heliyon** , Volume: 6 Issue: 11 2020 Nov

Authors El Hassani FZ

Antibacterial Activity of Honey Samples from Ukraine.**Veterinary sciences** , Volume: 7 Issue: 4 2020 Nov 20

Authors Cilia G,Fratini F,Marchi M,Sagona S,Turchi B,Adamchuk L,Felicioli A,Kacániová M

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

Chemical Composition and Antimicrobial Activity of Selected Essential Oils against Staphylococcus spp. Isolated from Human Semen.**Antibiotics (Basel, Switzerland)** , Volume: 9 Issue: 11 2020 Oct 31

Authors Kacániová M,Terentjeva M,Štefániková J,Žiarovská J,Savitskaya T,Grinshpan D,Kowalczewski PL,Vukovic N,Tvrđá E

Antibacterial property of Azadirachta indica, Ocimum sanctum, and Vitex negundo against oral microbes.**Journal of conservative dentistry : JCD** , Volume: 22 Issue: 6 2019 Nov-Dec

Authors Kalita C,Raja D,Saikia A,Saikia AK

Effect of resveratrol and quercetin on the susceptibility of Escherichia coli to antibiotics.**World journal of microbiology & biotechnology** , Volume: 36 Issue: 11 2020 Oct 6

Authors Oktyabrsky ON,Bezmaternykh KV,Smirnova GV,Tyulenev AV

Investigation on the biofilm eradication potential of selected medicinal plants against methicillin-resistant Staphylococcus aureus.**Biotechnology reports (Amsterdam, Netherlands)** , Volume: 28 2020 Dec

Authors S LP,A U,S J GF

The Influence of Essential Oils on Gut Microbial Profiles in Pigs.**Animals : an open access journal from MDPI** , Volume: 10 Issue: 10 2020 Sep 24

Authors Ruzauskas M,Bartkiene E,Stankevicius A,Bernatoniene J,Zadeike D,Lele V,Starkute V,Zavistanaviciute P,Grigas J,Zokaityte E,Pautienius A,Juodeikiene G,Jakstas V

Highland Barley Whole Grain (*Hordeum vulgare* L.) Ameliorates Hyperlipidemia by Modulating Cecal Microbiota, miRNAs, and AMPK Pathways in Leptin Receptor-Deficient db/db Mice.

Journal of agricultural and food chemistry , Volume: 68 Issue: 42 2020 Oct 21

Authors Deng N,He Z,Guo R,Zheng B,Li T,Liu RH

Honey-inspired antimicrobial hydrogels resist bacterial colonization through twin synergistic mechanisms.

Scientific reports , Volume: 10 Issue: 1 2020 Sep 25

Authors Zhang T,Qu Y,Gunatillake PA,Cass P,Locock KES,Blackman LD

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

Effects of Brazilian green propolis extract on planktonic cells and biofilms of multidrug-resistant strains of *Klebsiella pneumoniae* and *Pseudomonas aeruginosa*.

Biofouling , Volume: 36 Issue: 7 2020 Aug

Authors Santos PBDRED,Ávila DDS,Ramos LP,Yu AR,Santos CEDR,Berretta AA,Camargo SEA,Oliveira JR,Oliveira LD

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

Micronized curcumin fabricated by supercritical CO(2) to improve antibacterial activity against *Pseudomonas aeruginosa*.

Artificial cells, nanomedicine, and biotechnology , Volume: 48 Issue: 1 2020 Dec

Authors Xue B,Huang J,Zhang H,Li B,Xu M,Zhang Y,Xie M,Li X

Antibacterial Activity and Mechanism of Ginger Essential Oil against *Escherichia coli* and *Staphylococcus aureus*.

Molecules (Basel, Switzerland) , Volume: 25 Issue: 17 2020 Aug 30

Authors Wang X,Shen Y,Thakur K,Han J,Zhang JG,Hu F,Wei ZJ

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

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

Antioxidant and antibacterial activities of multiflora honey extracts from the Indonesian *Apis cerana* bee.

Journal of Taibah University Medical Sciences , Volume: 15 Issue: 3 2020 Jun

Authors Nayaka NMDMW,Fidrianny I,Sukrasno,Hartati R,Singgih M

Unveiling the Mechanism of Action of 7 α -acetoxy-6 β -hydroxyroyleanone on an MRSA/VISA Strain: Membrane and Cell Wall Interactions.

Biomolecules , Volume: 10 Issue: 7 2020 Jun 30

Authors Pereira F,Figueiredo T,de Almeida RFM,Antunes CAC,Garcia C,Reis CP,Ascensão L,Sobral RG,Rijo P

Effects of phenolic and protein extracts from *Melipona beecheii* honey on pathogenic strains of *Escherichia coli* and *Staphylococcus aureus*.

Food science and biotechnology , Volume: 29 Issue: 7 2020 Jul

Authors Ramón-Sierra J,Martínez-Guevara JL,Pool-Yam L,Magaña-Ortiz D,Yam-Puc A,Ortiz-Vázquez E

Rosemary and Tea Tree Essential Oils Exert Antibiofilm Activities In Vitro against *Staphylococcus aureus* and *Escherichia coli*.

Journal of food protection , Volume: 83 Issue: 7 2020 Jul 1

Authors Liu T,Wang J,Gong X,Wu X,Liu L,Chi F

[Anti-microbial activity of *Rosmarinus officinalis* and *Zingiber officinale* extracts on the species of the genus *Candida* and on *Streptococcus pneumoniae*].

Annales pharmaceutiques francaises , Volume: 79 Issue: 1 2021 Jan

Authors Akroum S

Antioxidant and antimicrobial activity of red propolis embedded mesoporous silica nanoparticles.

Drug development and industrial pharmacy , Volume: 46 Issue: 7 2020 Jul

Authors Azevedo de M Oliveira LF,Teles da Silva LVA,do Nascimento TG,de Almeida LM,Calumby RJN,Nunes ÁM,de Magalhães Oliveira LMT,da Silva Fonseca EJ

Innate Immune Response against *Staphylococcus aureus* Preincubated with Subinhibitory Concentration of trans-Anethole.

International journal of molecular sciences , Volume: 21 Issue: 11 2020 Jun 11

Authors Kwiatkowski P,Wojciuk B,Wojciechowska-Koszko I,Lopusiewicz L,Grygorcewicz B,Pruss A,Sienkiewicz M,Fijalkowski K,Kowalczyk E,Dolegowska B

Use of black seed (Nigella sativa) honey bee to improve sheep oocyte maturation medium.

Environmental science and pollution research international , Volume: 27 Issue: 27 2020 Sep

Authors Kaabi AM,Barakat IAH,Alajmi RA,Abdel-Daim MM

Quercetin inhibits Pseudomonas aeruginosa biofilm formation via the vfr-mediated lasIR system.

Microbial pathogenesis , Volume: 149 2020 Dec

Authors Ouyang J,Feng W,Lai X,Chen Y,Zhang X,Rong L,Sun F,Chen Y

Antioxidant, Anti-Inflammatory, and Microbial-Modulating Activities of Essential Oils: Implications in Colonic Pathophysiology.

International journal of molecular sciences , Volume: 21 Issue: 11 2020 Jun 10

Authors Spisni E,Petrocelli G,Imbesi V,Spigarelli R,Azzinnari D,Donati Sarti M,Campieri M,Valerii MC

Green approach in food nanotechnology based on subcritical water: effects of thyme oil and saponin on characteristics of the prepared oil in water nanoemulsions.

Food science and biotechnology , Volume: 29 Issue: 6 2020 Jun

Authors Ahmadi O,Jafarizadeh-Malmiri H

Yeast β -glucan alleviates cognitive deficit by regulating gut microbiota and metabolites in A β (1)-(42)-induced AD-like mice.

International journal of biological macromolecules , Volume: 161 2020 Oct 15

Authors Xu M,Mo X,Huang H,Chen X,Liu H,Peng Z,Chen L,Rong S,Yang W,Xu S,Liu L

Thymus vulgaris L. Essential Oil Solid Formulation: Chemical Profile and Spasmolytic and Antimicrobial Effects.

Biomolecules , Volume: 10 Issue: 6 2020 Jun 4

Authors Micucci M,Protti M,Aldini R,Frosini M,Corazza I,Marzetti C,Mattioli LB,Tocci G,Chiarini A,Mercolini L,Budriesi R

In Vitro Antibacterial Activity of Ethanol Extracts of Cinnamomum zeylanicum against Pseudomonas aeruginosa.

Mymensingh medical journal : MMJ , Volume: 29 Issue: 2 2020 Apr

Authors Salma U,Sultana S,Saha SK,Ahmed SM,Salma MU,Nahar K,Ahmed SM

Chemical Composition and Antioxidant, Antimicrobial, and Antiproliferative Activities of Cinnamomum zeylanicum Bark Essential Oil.

Evidence-based complementary and alternative medicine : eCAM , Volume: 2020 2020

Authors Alizadeh Behbahani B,Falah F,Lavi Arab F,Vasiee M,Tabatabaee Yazdi F

In-vitro antibacterial effect of tea polyphenols combined with common antibiotics on multidrug-resistant Klebsiella pneumoniae.

Minerva medica , Volume: 111 Issue: 6 2020 Dec

Authors Zhang N,Liu W,Qian K

Effects of caspofungin, tolcapone and other FDA-approved medications on MRSA susceptibility to vancomycin.

Journal of global antimicrobial resistance , Volume: 22 2020 Sep

Authors Moore JA,Meakin M,Earl MH,Kummer TM,McAleer JP,Long TE

Chinese Propolis Prevents Obesity and Metabolism Syndromes Induced by a High Fat Diet and Accompanied by an Altered Gut Microbiota Structure in Mice.

Nutrients , Volume: 12 Issue: 4 2020 Mar 30

Authors Zheng Y,Wu Y,Tao L,Chen X,Jones TJ,Wang K,Hu F

Synergistic antibacterial, antifungal and antioxidant efficacy of cinnamon and clove essential oils in combination.

Archives of microbiology , Volume: 202 Issue: 6 2020 Aug

Authors Purkait S,Bhattacharya A,Bag A,Chattopadhyay RR

Assessment of Antimicrobial Effectiveness of Neem and Clove Extract Against Streptococcus mutans and Candida albicans: An In vitro Study.

Nigerian medical journal : journal of the Nigeria Medical Association , Volume: 60 Issue: 6 2019 Nov-Dec

Authors Bansal V,Gupta M,Bhaduri T,Shaikh SA,Sayed FR,Bansal V,Agrawal A

Antioxidant properties and antimicrobial activity of manuka honey versus Polish honeys.

Journal of food science and technology , Volume: 57 Issue: 4 2020 Apr

Authors Goslinski M,Nowak D,Klebukowska L

Ethanol extract of propolis prevents high-fat diet-induced insulin resistance and obesity in association with modulation of gut microbiota in mice.

Food research international (Ottawa, Ont.) , Volume: 130 2020 Apr

Authors Cai W,Xu J,Li G,Liu T,Guo X,Wang H,Luo L

In vitro antibacterial activity of medicinal plants against biofilm-forming methicillin-resistant Staphylococcus aureus: efficacy of Moringa stenopetala and Rosmarinus officinalis extracts.

Heliyon , Volume: 6 Issue: 1 2020 Jan

Authors Manilal A,Sabu KR,Shewangizaw M,Aklilu A,Seid M,Merdikios B,Tsegaye B

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

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

Dietary intervention using (1,3)/(1,6)- β -glucan, a fungus-derived soluble prebiotic ameliorates high-fat diet-induced metabolic distress and alters beneficially the gut microbiota in mice model.

European journal of nutrition , Volume: 59 Issue: 6 2020 Sep

Authors Muthuramalingam K,Singh V,Choi C,Choi SI,Kim YM,Unno T,Cho M

Propolis modulates the gut microbiota and improves the intestinal mucosal barrier function in diabetic rats.

Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 118 2019 Oct

Authors Xue M,Liu Y,Xu H,Zhou Z,Ma Y,Sun T,Liu M,Zhang H,Liang H

Comparison of antifungal activity of essential oils from different plants against three fungi.

Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association , Volume: 134 2019 Dec

Authors Hu F,Tu XF,Thakur K,Hu F,Li XL,Zhang YS,Zhang JG,Wei ZI

Effect of Bay Leaves Essential Oil Concentration on the Properties of Biodegradable Carboxymethyl Cellulose-Based Edible Films.

Materials (Basel, Switzerland) , Volume: 12 Issue: 15 2019 Jul 24

Authors Rincón E,Serrano L,Balu AM,Aguilar JJ,Luque R,García A

Bacteroides thetaiotaomicron Starch Utilization Promotes Quercetin Degradation and Butyrate Production by *Eubacterium ramulus*.

Frontiers in microbiology , Volume: 10 2019

Authors Rodríguez-Castaño GP,Dorris MR,Liu X,Bolling BW,Acosta-Gonzalez A,Rey FE

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

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

Nutritional impacts of dietary oregano and Enviva essential oils on the performance, gut microbiota and blood biochemicals of growing ducks.

Animal : an international journal of animal bioscience , Volume: 13 Issue: 10 2019 Oct

Authors Abouelezz K,Abou-Hadied M,Yuan J,Elokil AA,Wang G,Wang S,Wang J,Bian G

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

Prevalence and Antimicrobial Susceptibility of Bacterial Uropathogens Isolated from Pediatric Patients at Yekatit 12 Hospital Medical College, Addis Ababa, Ethiopia.

International journal of microbiology , Volume: 2018 2018

Authors Merga Duffa Y,Terfa Kitila K,Mamuye Gebretsadik D,Bitew A

Antidepressant Effects of Rosemary Extracts Associate With Anti-inflammatory Effect and Rebalance of Gut Microbiota.

Frontiers in pharmacology , Volume: 9 2018

Authors Guo Y,Xie J,Li X,Yuan Y,Zhang L,Hu W,Luo H,Yu H,Zhang R

Antimicrobial activity of spices essential oils and its effectiveness on mature biofilms of human pathogens.

Natural product research , 2018 Oct 13

Authors Condò C,Anacarso I,Sabia C,Iseppi R,Anfelli I,Forti L,de Niederhäusern S,Bondi M,Messi P

Effects of in vitro gastrointestinal digestion and colonic fermentation on a rosemary (*Rosmarinus officinalis* L.) extract rich in rosmarinic acid.

Food chemistry , Volume: 271 2019 Jan 15

Authors Gonçalves GA,Corrêa RCG,Barros L,Dias MI,Calhelha RC,Correa VG,Bracht A,Peralta RM,Ferreira ICFR

Antifungal efficacy of herbs.

Journal of oral biology and craniofacial research , Volume: 9 Issue: 1 2019 Jan-Mar

Authors Samadi FM,Suhail S,Sonam M,Sharma N,Singh S,Gupta S,Dobhal A,Pradhan H

[Microbiological profiles of pathogens causing nosocomial bacteremia in 2011, 2013 and 2016].

Sheng wu gong cheng xue bao = Chinese journal of biotechnology , Volume: 34 Issue: 8 2018 Aug 25

Authors Wang X,Zhao C,Li H,Chen H,Jin L,Wang Z,Liao K,Zeng J,Xu X,Jin Y,Su D,Liu W,Hu Z,Cao B,Chu Y,Zhang R,Luo Y,Hu

B,Wang H

[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

[Antimicrobial Activity of Five Essential Oils against Bacteria and Fungi Responsible for Urinary Tract Infections.](#)

Molecules (Basel, Switzerland) , Volume: 23 Issue: 7 2018 Jul 9

Authors Ebani VV,Nardoni S,Bertelloni F,Pistelli L,Mancianti F

[High Fructose Intake During Pregnancy in Rats Influences the Maternal Microbiome and Gut Development in the Offspring.](#)

Frontiers in genetics , Volume: 9 2018

Authors Astbury S,Song A,Zhou M,Nielsen B,Hoedl A,Willing BP,Symonds ME,Bell RC

[Anti-inflammatory and antibacterial evaluation of Thymus sipyleus Boiss. subsp. sipyleus var. sipyleus essential oil against rhinosinusitis pathogens.](#)

Microbial pathogenesis , Volume: 122 2018 Sep

Authors Demirci F,Karaca N,Tekin M,Demirci B

[In Vivo Anti-Inflammatory, Anti-Bacterial and Anti-Diarrhoeal Activity of Ziziphus Jujuba Fruit Extract.](#)

Open access Macedonian journal of medical sciences , Volume: 6 Issue: 5 2018 May 20

Authors Mesaik AM,Poh HW,Bin OY,Elawad I,Alsayed B

[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

[Screening and characterization of selected drugs having antibacterial potential.](#)

Pakistan journal of pharmaceutical sciences , Volume: 31 Issue: 3 2018 May

Authors Javed H,Tabassum S,Erum S,Murtaza I,Muhammad A,Amin F,Nisar MF

[Properties of Basil and Lavender Essential Oils Adsorbed on the Surface of Hydroxyapatite.](#)

Materials (Basel, Switzerland) , Volume: 11 Issue: 5 2018 Apr 24

Authors Predoi D,Groza A,Iconaru SL,Predoi G,Barbuceanu F,Guegan R,Motelica-Heino MS,Cimpeanu C

[Quorum-sensing inhibitor potential of trans-anethole against Pseudomonas aeruginosa.](#)

Journal of applied microbiology , Volume: 125 Issue: 3 2018 Sep

Authors Hançer Aydemir D,Çifci G,Aviyente V,Bosgelmez-Tinaz G

[Quercetin inhibits NTHI-triggered CXCR4 activation through suppressing IKK \$\alpha\$ /NF- \$\kappa\$ B and MAPK signaling pathways in otitis media.](#)

International journal of molecular medicine , Volume: 42 Issue: 1 2018 Jul

Authors Ma YK,Chen YB,Li P

[Extensive impact of non-antibiotic drugs on human gut bacteria.](#)

Nature , Volume: 555 Issue: 7698 2018 Mar 29

Authors Maier L,Pruteanu M,Kuhn M,Zeller G,Telzerow A,Anderson EE,Brochado AR,Fernandez KC,Dose H,Mori H,Patil KR,Bork P,Typas A

[Molecular Modelling reveals the inhibition mechanism and structure-activity relationship of curcumin and its analogues to Staphylococcal aureus Sortase A.](#)

Journal of biomolecular structure & dynamics , Volume: 37 Issue: 5 2019 Mar

Authors Niu X,Gao Y,Yu Y,Yang Y,Wang G,Sun L,Wang H

[Multidrug-resistant gram-negative bacterial infections in a teaching hospital in Ghana.](#)

Antimicrobial resistance and infection control , Volume: 7 2018

Authors Agyepong N,Govinden U,Owusu-Ofori A,Essack SY

[Combination of essential oil and ciprofloxacin to inhibit/eradicate biofilms in multidrug-resistant Klebsiella pneumoniae.](#)

Journal of applied microbiology , Volume: 125 Issue: 1 2018 Jul

Authors Mohamed SH,Mohamed MSM,Khalil MS,Azmy M,Mabrouk MI

[Phytochemical screening and biological activity of Lamiaceae family plant extracts.](#)

Experimental and therapeutic medicine , Volume: 15 Issue: 2 2018 Feb

Authors Cocan I,Alexa E,Danciu C,Radulov I,Galuscan A,Obistioiu D,Morvay AA,Sumalan RM,Poiana MA,Pop G,Dehelean CA

[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

[Thymus mastichina L. essential oils from Murcia \(Spain\): Composition and antioxidant, antienzymatic and antimicrobial bioactivities.](#)

PloS one , Volume: 13 Issue: 1 2018

Authors Cutillas AB,Carrasco A,Martinez-Gutierrez R,Tomas V,Tudela J

Bacteriostatic Effect of Quercetin as an Antibiotic Alternative In Vivo and Its Antibacterial Mechanism In Vitro.

Journal of food protection , Volume: 81 Issue: 1 2018 Jan

Authors Wang S,Yao J,Zhou B,Yang J,Chaudry MT,Wang M,Xiao F,Li Y,Yin W

Update of incidence and antimicrobial susceptibility trends of Escherichia coli and Klebsiella pneumoniae isolates from Chinese intra-abdominal infection patients.

BMC infectious diseases , Volume: 17 Issue: 1 2017 Dec 18

Authors Zhang H,Yang Q,Liao K,Ni Y,Yu Y,Hu B,Sun Z,Huang W,Wang Y,Wu A,Feng X,Luo Y,Chu Y,Chen S,Cao B,Su J,Duan Q,Zhang S,Shao H,Kong H,Gui B,Hu Z,Badal R,Xu Y

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,Knight 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

Oral microbiome alterations of healthy volunteers with proton pump inhibitor.

Journal of gastroenterology and hepatology , 2017 Nov 4

Authors Mishiro 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

In-vitro antimicrobial activity and identification of bioactive components using GC-MS of commercially available essential oils in Saudi Arabia.

Journal of food science and technology , Volume: 54 Issue: 12 2017 Nov

Authors Ashraf SA,Al-Shammari E,Hussain T,Tajuddin S,Panda BP

The Influence of Proton Pump Inhibitors on the Fecal Microbiome of Infants with Gastroesophageal Reflux-A Prospective Longitudinal Interventional Study.

Frontiers in cellular and infection microbiology , Volume: 7 2017

Authors Castellani C,Singer G,Kashofer K,Huber-Zeyringer A,Flucher C,Kaiser M,Till H

Antimicrobial Activity of Honey with Special Reference to Methicillin Resistant Staphylococcus aureus (MRSA) and Methicillin Sensitive Staphylococcus aureus (MSSA).

Journal of clinical and diagnostic research : JCDR , Volume: 11 Issue: 8 2017 Aug

Authors Rani GN,Budumuru R,Bandaru NR

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

Synergistic effect of *Carum copticum* and *Mentha piperita* essential oils with ciprofloxacin, vancomycin, and gentamicin on Gram-negative and Gram-positive bacteria.

International journal of pharmaceutical investigation , Volume: 7 Issue: 2 2017 Apr-Jun

Authors Talei GR,Mohammadi M,Bahmani M,Kopaei MR

Antibacterial activity and interactions of plant essential oil combinations against Gram-positive and Gram-negative bacteria.

Journal of food and drug analysis , Volume: 25 Issue: 2 2017 Apr

Authors Semeniuc CA,Pop CR,Rotar AM

Reduced obesity, diabetes, and steatosis upon cinnamon and grape pomace are associated with changes in gut microbiota and markers of gut barrier.

American journal of physiology. Endocrinology and metabolism , Volume: 314 Issue: 4 2018 Apr 1

Authors Van Hul M,Geurts L,Plovier H,Druart C,Everard A,Ståhlman M,Rhimi M,Chira K,Teissedre PL,Delzenne NM,Maguin E,Guilbot A,Brochot A,Gérard P,Bäckhed F,Cani PD

Regulative effects of curcumin spice administration on gut microbiota and its pharmacological implications.

Food & nutrition research , Volume: 61 Issue: 1 2017

Authors Shen L,Liu L, Ji HF

Effects of One-Week Empirical Antibiotic Therapy on the Early Development of Gut Microbiota and Metabolites in Preterm Infants

Scientific Reports , Volume: 7 2017 Aug 14

Authors Zhu D,Xiao S,Yu J,Ai Q,He Y,Cheng C,Zhang Y,Pan Y

Dietary Propolis Ameliorates Dextran Sulfate Sodium-Induced Colitis and Modulates the Gut Microbiota in Rats Fed a Western Diet.

Nutrients , Volume: 9 Issue: 8 2017 Aug 14

Authors Wang K,Jin X,You M,Tian W,Le Leu RK,Topping DL,Conlon MA,Wu L,Hu F

Variation on Composition and Bioactivity of Essential Oils of Four Common Curcuma Herbs.**Chemistry & biodiversity** , Volume: 14 Issue: 11 2017 Nov

Authors Zhang L,Yang Z,Chen D,Huang Z,Li Y,Lan X,Su P,Pan W,Zhou W,Zheng X,Du Z

Screening bioactivity and bioactive constituents of Nordic unifloral honeys.**Food chemistry** , Volume: 237 2017 Dec 15

Authors Salonen A,Virjamo V,Tammela P,Fauch L,Julkunen-Tiitto R

Association of Silver Nanoparticles and Curcumin Solid Dispersion: Antimicrobial and Antioxidant Properties.**AAPS PharmSciTech** , Volume: 19 Issue: 1 2018 Jan

Authors Alves TF,Chaud MV,Grotto D,Jozala AF,Pandit R,Rai M,Dos Santos CA

Prebiotic Potential and Chemical Composition of Seven Culinary Spice Extracts.**Journal of food science** , Volume: 82 Issue: 8 2017 Aug

Authors Lu QY,Summanen PH,Lee RP,Huang J,Henning SM,Heber D,Finegold SM,Li Z

Monitoring *in vitro* antibacterial efficacy of 26 Indian spices against multidrug resistant urinary tract infecting bacteria.**Integrative medicine research** , Volume: 3 Issue: 3 2014 Sep

Authors Rath S,Padhy RN

Next generation sequencing of oral microbiota in Type 2 diabetes mellitus prior to and after neem stick usage and correlation with serum monocyte chemoattractant-1.**Diabetes research and clinical practice** , Volume: 130 2017 Aug

Authors Anbalagan R,Srikanth P,Mani M,Barani R,Seshadri KG,Janarthanan R

Evaluation of antimicrobial activity of Curcuma longa rhizome extract against Staphylococcus aureus.**Biotechnology reports (Amsterdam, Netherlands)** , Volume: 6 2015 Jun

Authors Gupta A,Mahajan S,Sharma R

Inhibition of Pseudomonas aeruginosa quorum sensing by subinhibitory concentrations of curcumin with gentamicin and azithromycin.**Journal of global antimicrobial resistance** , Volume: 10 2017 Sep

Authors Bahari S,Zeighami H,Mirshahabi H,Roudashti S,Haghi F

Green synthesis of tea Ag nanocomposite hydrogels via mint leaf extraction for effective antibacterial activity.**Journal of biomaterials science. Polymer edition** , Volume: 28 Issue: 14 2017 Oct

Authors Jayaramudu T,Varaprasad K,Raghavendra GM,Sadiku ER,Mohana Raju K,Amalraj J

Zingiber officinale: Its antibacterial activity on Pseudomonas aeruginosa and mode of action evaluated by flow cytometry.**Microbial pathogenesis** , Volume: 107 2017 Jun

Authors Chakotiya AS,Tanwar A,Narula A,Sharma RK

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

Evaluation of Phenolic Compounds and Antioxidant and Antimicrobial Activities of Some Common Herbs.**International journal of analytical chemistry** , Volume: 2017 2017

Authors Abdul Qadir M,Shahzadi SK,Bashir A,Munir A,Shahzad S

Effect of 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

In vitro fermentation of oat β -glucan and hydrolysates by fecal microbiota and selected probiotic strains.**Journal of the science of food and agriculture** , Volume: 97 Issue: 12 2017 Sep

Authors Dong JL,Yu X,Dong LE,Shen RL

Synergistic activity of sub-inhibitory concentrations of curcumin with ceftazidime and ciprofloxacin against Pseudomonas aeruginosa quorum sensing related genes and virulence traits.**World journal of microbiology & biotechnology** , Volume: 33 Issue: 3 2017 Mar

Authors Roudashti S,Zeighami H,Mirshahabi H,Bahari S,Softani A,Haghi F

Characterization of ginger essential oil/palygorskite composite (GEO-PGS) and its anti-bacteria activity.**Materials science & engineering. C, Materials for biological applications** , Volume: 73 2017 Apr 1

Authors Lei H,Wei Q,Wang Q,Su A,Xue M,Liu Q,Hu Q

Biological activities of Rosmarinus officinalis L. (rosemary) extract as analyzed in microorganisms and cells.**Experimental biology and medicine (Maywood, N.J.)** , Volume: 242 Issue: 6 2017 Mar

Authors de Oliveira JR,de Jesus D,Figueira LW,de Oliveira FE,Pacheco Soares C,Camargo SE,Jorge AO,de Oliveira LD

Etiologies of community-onset urinary tract infections requiring hospitalization and antimicrobial susceptibilities of causative microorganisms.

Journal of microbiology, immunology, and infection = Wei mian yu gan ran za zhi , Volume: 50 Issue: 6 2017 Dec

Authors Chiu CC,Lin TC,Wu RX,Yang YS,Hsiao PJ,Lee Y,Lin JC,Chang FY

Prospective randomized controlled study on the effects of *Saccharomyces boulardii* CNCM I-745 and amoxicillin-clavulanate or the combination on the gut microbiota of healthy volunteers.

Gut microbes , Volume: 8 Issue: 1 2017 Jan 2

Authors Kabbani TA,Pallav K,Dowd SE,Villafuerte-Galvez J,Vanga RR,Castillo NE,Hansen J,Dennis M,Leffler DA,Kelly CP

Early-Life Sugar Consumption Affects the Rat Microbiome Independently of Obesity.

The Journal of nutrition , Volume: 147 Issue: 1 2017 Jan

Authors Noble EE,Hsu TM,Jones RB,Fodor AA,Goran MI,Kanoski SE

Short- and long-term effects of oral vancomycin on the human intestinal microbiota.

The Journal of antimicrobial chemotherapy , Volume: 72 Issue: 1 2017 Jan

Authors Isaac S,Scher JU,Djukovic A,Jiménez N,Littman DR,Abramson SB,Pamer EG,Ubeda C

Gut complex carbohydrates and intestinal microflora in broiler chickens fed with oregano (*Origanum vulgare* L.) aqueous extract and vitamin E.

Journal of animal physiology and animal nutrition , Volume: 101 Issue: 4 2017 Aug

Authors Scocco P,Forte C,Franciosi MP,Mercati F,Casagrande-Proietti P,Dall'Aglio C,Acuti G,Tardella FM,Trabalza-Marinucci M

The effect of volatile oil mixtures on the performance and ilio-caecal microflora of broiler chickens.

British poultry science , Volume: 57 Issue: 6 2016 Dec

Authors Cetin E,Yibar A,Yesilbag D,Cetin I,Cengiz SS

In vitro antimicrobial activity of five essential oils on multidrug resistant Gram-negative clinical isolates.

Journal of intercultural ethnopharmacology , Volume: 5 Issue: 3 2016 Jun-Aug

Authors Sakkas H,Gousia P,Economou V,Sakkas V,Petsios S,Papadopoulou C

Curcumin protects mice from *Staphylococcus aureus* pneumonia by interfering with the self-assembly process of a-hemolysin.

Scientific reports , Volume: 6 2016 Jun 27

Authors Wang J,Zhou X,Li W,Deng X,Deng Y,Niu X

Prevalence and Antimicrobial Resistance Patterns of Diarrheagenic *Escherichia coli* in Shanghai, China.

The Pediatric infectious disease journal , Volume: 35 Issue: 8 2016 Aug

Authors Huang Z,Pan H,Zhang P,Cao X,Ju W,Wang C,Zhang J,Meng J,Yuan Z,Xu X

Survey of the Antibiofilm and Antimicrobial Effects of *Zingiber officinale* (in Vitro Study).

Jundishapur journal of microbiology , Volume: 9 Issue: 2 2016 Feb

Authors Aghazadeh M,Zahedi Bialvaei A,Aghazadeh M,Kabiri F,Saliani N,Yousefi M,Eslami H,Samadi Kafil H

Dietary supplementation of *Rosmarinus officinalis* L. leaves in sheep affects the abundance of rumen methanogens and other microbial populations.

Journal of animal science and biotechnology , Volume: 7 2016

Authors Cobellis G,Yu Z,Forte C,Acuti G,Trabalza-Marinucci M

Inflammasome signaling affects anxiety- and depressive-like behavior and gut microbiome composition.

Molecular psychiatry , Volume: 21 Issue: 6 2016 Jun

Authors Wong ML,Inserra A,Lewis MD,Mastronardi CA,Leong L,Choo J,Kentish S,Xie P,Morrison M,Wesselingh SL,Rogers GB,Licinio J

Gas chromatography coupled with mass spectrometric characterization of *Curcuma longa*: Protection against pathogenic microbes and lipid peroxidation in rat's tissue homogenate.

Pakistan journal of pharmaceutical sciences , Volume: 29 Issue: 2 2016 Mar

Authors Hassan W,Gul S,Rehman S,Kanwal F,Afridi MS,Fazal H,Shah Z,Rahman A,da Rocha JB

In vitro bactericidal activity of promising nutraceuticals for targeting multidrug resistant *Pseudomonas aeruginosa*.

Nutrition (Burbank, Los Angeles County, Calif.) , Volume: 32 Issue: 7-8 2016 Jul-Aug

Authors Chakotiya AS,Chawla R,Thakur P,Tanwar A,Narula A,Grover SS,Goel R,Arora R,Sharma RK

Potential of neem (*Azadirachta indica* L.) for prevention and treatment of oncologic diseases.

Seminars in cancer biology , Volume: 40-41 2016 Oct

Authors Patel SM,Nagulapalli Venkata KC,Bhattacharyya P,Sethi G,Bishayee A

Rapid, Bioassay-Guided Process for the Detection and Identification of Antibacterial Neem Oil Compounds.

Journal of chromatographic science , Volume: 54 Issue: 7 2016 Aug

Authors Krüzselyi D,Nagy R,Ott PG,Móricz ÁM

High Molecular Weight Barley β -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

Co-encapsulation of multi-lipids and polymers enhances the performance of vancomycin in lipid-polymer hybrid

nanoparticles: In vitro and in silico studies.

Materials science & engineering. C, Materials for biological applications , Volume: 61 2016 Apr 1

Authors Seedat N,Kalhature RS,Mocktar C,Vepuri S,Jadhav M,Soliman M,Govender T

The Effects of Inulin on Characteristics of Lactobacillus paracasei TD3 (IBRC-M 10784) as Probiotic Bacteria in vitro.

Archives of Iranian medicine , Volume: 19 Issue: 2 2016 Feb

Authors Mahboubi M,Kazempour N

All natural cellulose acetate-Lemongrass essential oil antimicrobial nanocapsules.

International journal of pharmaceutics , Volume: 510 Issue: 2 2016 Aug 30

Authors Liakos IL,D'aulilia F,Garzoni A,Bonferoni C,Scarpellini A,Brunetti V,Carzino R,Bianchini P,Pompa PP,Athanassiou A

Quercetin is an effective inhibitor of quorum sensing, biofilm formation and virulence factors in Pseudomonas aeruginosa.

Journal of applied microbiology , Volume: 120 Issue: 4 2016 Apr

Authors Ouyang J,Sun F,Feng W,Sun Y,Qiu X,Xiong L,Liu Y,Chen Y

Minocycline as A Substitute for Doxycycline in Targeted Scenarios: A Systematic Review.

Open forum infectious diseases , Volume: 2 Issue: 4 2015 Dec

Authors Carris NW,Pardo J,Montero J,Shaeer KM

In vitro antibacterial, antioxidant activity and total phenolic content of some essential oils.

Journal of environmental biology , Volume: 36 Issue: 6 2015 Nov

Authors Srivastava U,Ojha S,Tripathi NN,Singh P

Evidence for synergistic activity of plant-derived essential oils against fungal pathogens of food.

Food microbiology , Volume: 53 Issue: Pt B 2016 Feb

Authors Hossain F,Follett P,Dang Vu K,Harich M,Salmieri S,Lacroix M

CHEMICAL COMPOSITION AND ANTIBACTERIAL ACTIVITY OF SOME MEDICINAL PLANTS FROM LAMIACEAE FAMILY.

Acta poloniae pharmaceutica , Volume: 72 Issue: 4 2015 Jul-Aug

Authors Kozłowska M,Laudy AE,Przybył J,Ziaro M,Majewska E

Antimicrobial activity of different tea varieties available in Pakistan.

Pakistan journal of pharmaceutical sciences , Volume: 28 Issue: 6 2015 Nov

Authors Zakir M,Sultan KB,Khan H,Ihsaanullah,Khan MA,Fazal H,Rauf A

Inhibition of Staphylococcus aureus cocktail using the synergies of oregano and rosemary essential oils or carvacrol and 1,8-cineole.

Frontiers in microbiology , Volume: 6 2015

Authors Honório VG,Bezerra J,Souza GT,Carvalho RJ,Gomes-Neto NJ,Figueiredo RC,Melo JV,Souza EL,Magnani M

Role of colonic microbiota in colorectal carcinogenesis: a systematic review.

Revista espanola de enfermedades digestivas , Volume: 107 Issue: 11 2015 Nov

Authors Borges-Canha M,Portela-Cidade JP,Dinis-Ribeiro M,Leite-Moreira AF,Pimentel-Nunes P

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

Antibacterial activity of cinnamaldehyde and clove oil: effect on selected foodborne pathogens in model food systems and watermelon juice.

Journal of food science and technology , Volume: 52 Issue: 9 2015 Sep

Authors Siddiqua S,Anusha BA,Ashwini LS,Negj PS

Influence of diet and spiramycin on *Actinomyces viscosus*-associated experimental periodontitis.

Newsletter (International Academy of Periodontology) , Volume: 2 Issue: 1 1992 Mar

Authors Keyes PH,Rams TE,Jordan HV

Isoeugenol has a non-disruptive detergent-like mechanism of action.

Frontiers in microbiology , Volume: 6 2015

Authors Hyldgaard M,Mygind T,Piotrowska R,Foss M,Meyer RL

Allium cepa L. and Quercetin Inhibit RANKL/ Porphyromonas gingivalis LPS-Induced Osteoclastogenesis by Downregulating NF- κ B Signaling Pathway.

Evidence-based complementary and alternative medicine : eCAM , Volume: 2015 2015

Authors Oliveira T,Figueiredo CA,Brito C,Stavroullakis A,Ferreira AC,Nogueira-Filho G,Prakki A

TLC-Direct Bioautography as a Bioassay Guided Method for Investigation of Antibacterial Compounds in Hypericum perforatum L.

Journal of AOAC International , Volume: 98 Issue: 4 2015 Jul-Aug

Authors Jesionek W,Móricz ÁM,Alberti Á,Ott PG,Kocsis B,Horváth G,Choma IM

In Vitro Activity of Epigallocatechin Gallate and Quercetin Alone and in Combination versus Clinical Isolates of Methicillin-Resistant Staphylococcus aureus.

Journal of natural products , Volume: 78 Issue: 8 2015 Aug 28

Authors Betts JW,Sharili AS,Phee LM,Wareham DW

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

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

PROPOLIS AS AN ANTIBACTERIAL AGENT AGAINST CLINICAL ISOLATES OF MDR-ACINETOBACTER BAUMANNII.

Journal of Ayub Medical College, Abbottabad : JAMC , Volume: 27 Issue: 1 2015 Jan-Mar

Authors Hannan A,Batool A,Qamar MU,Khalid 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 M,Jørgensen H,Bach Knudsen KE,Mosenthin R

Antibacterial activity of herbal extracts against multi-drug resistant Escherichia coli recovered from retail chicken meat.

Pakistan journal of pharmaceutical sciences , Volume: 28 Issue: 4 2015 Jul

Authors Shaheen AY,Sheikh AA,Rabbani M,Aslam A,Bibi T,Liaqat F,Muhammad J,Rehmani SF

Antimicrobial Impacts of Essential Oils on Food Borne-Pathogens.

Recent patents on food, nutrition & agriculture , Volume: 7 Issue: 1 2015

Authors Ozogul Y,Kuley E,Ucar Y,Ozogul F

Antimicrobial activity and antibiotic susceptibility of *Lactobacillus* and *Bifidobacterium* spp. intended for use as starter and probiotic cultures.

Biotechnology, biotechnological equipment , Volume: 29 Issue: 1 2015 Jan 2

Authors Georgieva R,Yocheva L,Tserovska L,Zhelezova G,Stefanova N,Atanasova A,Danguleva A,Ivanova G,Karapetkov N,Rumyan N,Karaivanova E

Quercetin Potently Reduces Biofilm Formation of the Strain Pseudomonas aeruginosa PAO1 in vitro.

Current pharmaceutical biotechnology , Volume: 16 Issue: 8 2015

Authors Pejcin B,Ciric A,Markovic JD,Glamoclija J,Nikolic M,Stanimirovic B,Sokovic M

Antimicrobial agents from selected medicinal plants in Libya.

Chinese journal of integrative medicine , Volume: 22 Issue: 3 2016 Mar

Authors Muhaisen HM,Ab-Mous MM,Ddeeb FA,Rtemi AA,Taba OM,Parveen 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

GUT MICROBIOTA DYSBIOSIS IS LINKED TO HYPERTENSION

Hypertension , Volume: 65 Issue: 6 2015 Apr 13

Authors Yang T,Santisteban MM,Rodriguez V,Li E,Ahmari N,Carvajal JM,Zadeh M,Gong M,Qi Y,Zubcevic J,Sahay B,Pepine CJ,Raizada MK,Mohamadzadeh M

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

Effects of sub-lethal concentrations of thyme and oregano essential oils, carvacrol, thymol, citral and trans-2-hexenal on membrane fatty acid composition and volatile molecule profile of Listeria monocytogenes, Escherichia coli and Salmonella enteritidis.

Food chemistry , Volume: 182 2015 Sep 1

Authors Siroli L,Patrignani F,Gardini F,Lanciotti R

Empirical prediction and validation of antibacterial inhibitory effects of various plant essential oils on common pathogenic bacteria.

International journal of food microbiology , Volume: 202 2015 Jun 2

Authors Akdemir Evrendilek G

Reshaping faecal gut microbiota composition by the intake of trans-resveratrol and quercetin in high-fat sucrose diet-fed rats.

The Journal of nutritional biochemistry , Volume: 26 Issue: 6 2015 Jun

Authors Etxeberria U,Arias N,Boqué N,Macarulla MT,Portillo MP,Martínez JA,Milagro FI

Effect of specific amino acids on hepatic lipid metabolism in fructose-induced non-alcoholic fatty liver disease.

Clinical nutrition (Edinburgh, Scotland) , Volume: 35 Issue: 1 2016 Feb

Authors Jegatheesan P,Beutheu S,Ventura G,Sarfati G,Nubret E,Kapel N,Waligora-Dupriet AJ,Bergheim I,Cynober L,De-Bandt JP

6-Gingerol reduces Pseudomonas aeruginosa biofilm formation and virulence via quorum sensing inhibition.

Scientific reports , Volume: 5 2015 Mar 2

Authors Kim HS, Lee SH, Byun Y, Park HD

Phenotypic and Molecular Characterization of Extended-Spectrum β -Lactamase Produced by Escherichia coli, and Klebsiella pneumoniae Isolates in an Educational Hospital.

Jundishapur journal of microbiology , Volume: 7 Issue: 10 2014 Oct

Authors Gholipour A,Soleimani N,Shokri D,Mobasherizadeh S,Kardi M,Baradaran A

Antimicrobial and antioxidant activities and chemical characterization of essential oils of Thymus vulgaris, Rosmarinus officinalis, and Origanum majorana from northeastern México.

Pakistan journal of pharmaceutical sciences , Volume: 28 Issue: 1 Suppl 2015 Jan

Authors Guerra-Boone L,Alvarez-Román R,Alvarez-Román R,Salazar-Aranda R,Torres-Cirio A,Rivas-Galindo VM,de-Torres NW,González G,Pérez-López LA

Orally disintegrating films containing propolis: properties and release profile.

Journal of pharmaceutical sciences , Volume: 104 Issue: 4 2015 Apr

Authors Borges JG,De Carvalho RA

Bioanalytical evaluation of Cinnamomum zeylanicum essential oil.

Natural product research , Volume: 29 Issue: 19 2015

Authors Saleem M,Bhatti HN,Jilani MI,Hanif MA

[Characterization and determination of antibiotic resistance profiles of a single clone Acinetobacter baumannii strains isolated from blood cultures].

Mikrobiyoloji bulteni , Volume: 48 Issue: 4 2014 Oct

Authors Karagöz A,Baran I,Aksu N,Acar S,Durmaz R

[Risk factors and antibiotic use in methicillin-resistant Staphylococcus aureus bacteremia in hospitalized patients at Hacettepe University Adult and Oncology Hospitals (2004-2011) and antimicrobial susceptibilities of the isolates: a nested case-control study].

Mikrobiyoloji bulteni , Volume: 48 Issue: 4 2014 Oct

Authors Atmaca O,Zarakolu P,Karahan C,Cakir B,Unal S

In-vitro screening of Malaysian honey from different floral sources for antibacterial activity on human pathogenic bacteria.

African journal of traditional, complementary, and alternative medicines : AJTCAM , Volume: 11 Issue: 2 2014

Authors Ng WJ,Ken KW,Kumar RV,Gunasagaran H,Chandramogan V,Lee YY

Manuka honey reduces the motility of Pseudomonas aeruginosa by suppression of flagella-associated genes.

The Journal of antimicrobial chemotherapy , Volume: 70 Issue: 3 2015 Mar

Authors Roberts AE,Maddocks SE,Cooper RA

[The antibacterial activity of cinnamon oil on the selected gram-positive and gram-negative bacteria].

Medycyna doświadczalna i mikrobiologia , Volume: 66 Issue: 2 2014

Authors Urbaniak A,Glowacka A,Kowalczyk E,Lysakowska M,Sienkiewicz M

Assessment of tolerance induction by Origanum vulgare L. essential oil or carvacrol in Pseudomonas aeruginosa cultivated in a meat-based broth and in a meat model.

Food science and technology international = Ciencia y tecnología de los alimentos internacional , Volume: 21 Issue: 8 2015 Dec

Authors da Silva Luz I,Gomes-Neto NJ,Magnani M,de Souza EL

Natural control of bacteria affecting meat quality by a neem (Azadirachta indica A. Juss) cake extract.

Natural product research , Volume: 29 Issue: 10 2015

Authors Del Serrone P,Failla S,Nicoletti M

Total Phenolic Content and Antibacterial Activity of Five Plants of Labiatae against Four Foodborne and Some Other Bacteria.

Iranian journal of pharmaceutical research : IJPR , Volume: 13 Issue: 2 2014 Spring

Authors Mahboubi A,Kamalinejad M,Ayatollahi AM,Babaeian M

Physico-chemical analysis and antimicrobial potential of Apis dorsata, Apis mellifera and Ziziphus jujube honey samples from Pakistan.

Asian Pacific journal of tropical biomedicine , Volume: 4 Issue: 8 2014 Aug

Authors Fahim H,Dasti JI,Ali I,Ahmed S,Nadeem M

Lemongrass-Incorporated Tissue Conditioner Against Candida albicans Culture.

Journal of clinical and diagnostic research : JCDR , Volume: 8 Issue: 7 2014 Jul

Authors Amornvit P, Choonharuangdej S, Srithavaj T

Screening of antibacterial effects of anise essential oil alone and in combination with conventional antibiotics against *Streptococcus pneumoniae* clinical isolates.

Revista medico-chirurgicala a Societatii de Medici si Naturalisti din Iasi , Volume: 118 Issue: 2 2014 Apr-Jun

Authors Gradinaru AC, Miron A, Trifan A, Spac A, Brebu M, Aprotosoaie AC

Free-radical scavenging activity and antibacterial impact of Greek oregano isolates obtained by SFE.

Food chemistry , Volume: 165 2014 Dec 15

Authors Stamenic M, Vulic J, Djilas S, Misic D, Tadic V, Petrovic S, Zizovic I

In vitro activity of curcumin in combination with epigallocatechin gallate (EGCG) versus multidrug-resistant *Acinetobacter baumannii*.

BMC microbiology , Volume: 14 2014 Jun 27

Authors Betts JW, Wareham DW

Bacteriologic profile and antibiogram of blood culture isolates from a children`s hospital in Kabul.

Journal of the College of Physicians and Surgeons–Pakistan : JCPSP , Volume: 24 Issue: 6 2014 Jun

Authors Tariq TM

Effects of natural honey on polymicrobial culture of various human pathogens.

Archives of medical science : AMS , Volume: 10 Issue: 2 2014 May 12

Authors Al-Waili NS, Al-Waili FS, Akmal M, Ali A, Salom KY, Al Ghamdi AA

Effect of methylglyoxal on multidrug-resistant *Pseudomonas aeruginosa*.

Frontiers in microbiology , Volume: 5 2014

Authors Hayashi K, Fukushima A, Hayashi-Nishino M, Nishino K

Combinatorial antimicrobial effect of curcumin with selected phytochemicals on *Staphylococcus epidermidis*.

Journal of Asian natural products research , Volume: 16 Issue: 5 2014

Authors Sharma G, Raturi K, Dang S, Gupta S, Gabrani R

Synergetic antimicrobial effects of mixtures of Ethiopian honeys and ginger powder extracts on standard and resistant clinical bacteria isolates.

Evidence-based complementary and alternative medicine : eCAM , Volume: 2014 2014

Authors Ewnetu Y, Lemma W, Birhane N

A rosemary extract rich in carnosic acid selectively modulates caecum microbiota and inhibits β -glucosidase activity, altering fiber and short chain fatty acids fecal excretion in lean and obese female rats.

PloS one , Volume: 9 Issue: 4 2014

Authors Romo-Vaquero M, Selma MV, Larrosa M, Obiol M, García-Villalba R, González-Barrio R, Issaly N, Flanagan J, Roller M, Tomás-Barberán FA, García-Conesa MT

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

Anti-quorum sensing activity of *Psidium guajava* L. flavonoids against *Chromobacterium violaceum* and *Pseudomonas aeruginosa* PAO1.

Microbiology and immunology , Volume: 58 Issue: 5 2014 May

Authors Vasavi HS, Arun AB, Rekha PD

Multi-drug resistant gram-negative enteric bacteria isolated from flies at Chengdu Airport, China.

The Southeast Asian journal of tropical medicine and public health , Volume: 44 Issue: 6 2013 Nov

Authors Liu Y, Yang Y, Zhao F, Fan X, Zhong W, Qiao D, Cao Y

Antibacterial, antifungal and antioxidant activities of honey collected from Timergara (Dir, Pakistan).

Pakistan journal of pharmaceutical sciences , Volume: 27 Issue: 1 2014 Jan

Authors Zahoor M, Naz S, Sangeen M

In vitro activity of tigecycline and comparators against Gram-positive and Gram-negative isolates collected from the Middle East and Africa between 2004 and 2011.

International journal of antimicrobial agents , Volume: 43 Issue: 2 2014 Feb

Authors Kanj SS, Whitelaw A, Dowzicky MJ

Antioxidant, antibacterial and ACE-inhibitory activity of four monofloral honeys in relation to their chemical composition.

Food & function , Volume: 4 Issue: 11 2013 Nov

Authors León-Ruiz V, González-Porto AV, Al-Habsi N, Vera S, San Andrés MP, Jauregi P

Antimicrobial activity of essential oils against vancomycin-resistant enterococci (vre) and *Escherichia coli* o157:h7 in feta soft cheese and minced beef meat.

Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology] , Volume: 42 Issue: 1 2011 Jan

Authors Selim S

Effects of inulin and di-D-fructose dianhydride-enriched caramels on intestinal microbiota composition and performance of broiler chickens.

Animal : an international journal of animal bioscience , Volume: 7 Issue: 11 2013 Nov

Authors Peinado MJ,Echávarri A,Ruiz R,Suárez-Pereira E,Ortiz Mellet C,García Fernández JM,Rubio LA

Functional ginger extracts from supercritical fluid carbon dioxide extraction via in vitro and in vivo assays: antioxidation, antimicroorganism, and mice xenografts models.

TheScientificWorldJournal , Volume: 2013 2013

Authors Lee CC,Chiou LY,Wang JY,Chou SY,Lan JC,Huang TS,Huang KC,Wang HM

Antimicrobial effect of natural polyphenols with or without antibiotics on Chlamydia pneumoniae infection in vitro.

Microbial drug resistance (Larchmont, N.Y.) , Volume: 20 Issue: 1 2014 Feb

Authors Rizzo A,Carratelli CR,Losacco A,Iovene MR

Spectrum and antimicrobial resistance of common pathogenic bacteria isolated from patients with acute exacerbation of chronic obstructive pulmonary disease in mainland of China.

Chinese medical journal , Volume: 126 Issue: 12 2013 Jun

Authors Ye F,He LX,Cai BQ,Wen FQ,Chen BY,Hadiarto M,Chen RC,Yuan JP,Sun HL

Influence of propolis on hygiene, gingival condition, and oral microflora in patients with cleft lip and palate treated with fixed orthodontic appliances.

Evidence-based complementary and alternative medicine : eCAM , Volume: 2013 2013

Authors Machorowska-Pieniazek A,Morawiec T,Mertas A,Tanasiewicz M,Dziedzic A,Król W

Antibacterial activity of selected Malaysian honey.

BMC complementary and alternative medicine , Volume: 13 2013 Jun 10

Authors Zainol MI,Mohd Yusoff K,Mohd Yusof MY

Leaf extract of Azadirachta indica (neem): a potential antibiofilm agent for Pseudomonas aeruginosa.

Pathogens and disease , Volume: 69 Issue: 1 2013 Oct

Authors Harjai K,Bala A,Gupta RK,Sharma R

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

Phytochemical Screening and Antimicrobial Activity of Some Medicinal Plants Against Multi-drug Resistant Bacteria from Clinical Isolates.

Indian journal of pharmaceutical sciences , Volume: 74 Issue: 5 2012 Sep

Authors Dahiya P,Purkayastha S

In Vitro Antimicrobial Activity of Ethanolic Extract of Polish Propolis against Biofilm Forming Staphylococcus epidermidis Strains.

Evidence-based complementary and alternative medicine : eCAM , Volume: 2013 2013

Authors Wojtyczka RD,Kepa M,Idzik D,Kubina R,Kabala-Dzik A,Dziedzic A,Wasik TJ

Effects of vanillin, quillaja saponin, and essential oils on in vitro fermentation and protein-degrading microorganisms of the rumen.

Applied microbiology and biotechnology , Volume: 98 Issue: 2 2014 Jan

Authors Patra AK,Yu Z

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

Decontamination of Salmonella, Shigella, and Escherichia coli O157:H7 from leafy green vegetables using edible plant extracts.

Journal of food science , Volume: 78 Issue: 2 2013 Feb

Authors Orue N,García S,Feng P,Heredia N

Antibacterial and antimycotic activities of Slovenian honeys.

British journal of biomedical science , Volume: 69 Issue: 4 2012

Authors Kuncic MK,Jaklic D,Lapanje A,Gunde-Cimerman N

In vitro antimicrobial assessment of Cuban propolis extracts.

Memorias do Instituto Oswaldo Cruz , Volume: 107 Issue: 8 2012 Dec

Authors Monzote L,Cuesta-Rubio O,Campo Fernandez M,Márquez Hernandez I,Fraga J,Pérez K,Kerstens M,Maes L,Cos P

The inhibitory effect of polyphenols on human gut microbiota.

Journal of physiology and pharmacology : an official journal of the Polish Physiological Society , Volume: 63 Issue: 5 2012 Oct

Authors Duda-Chodak A

The ongoing battle against multi-resistant strains: in-vitro inhibition of hospital-acquired MRSA, VRE, Pseudomonas, ESBL E. coli and Klebsiella species in the presence of plant-derived antiseptic oils.

Journal of cranio-maxillo-facial surgery : official publication of the European Association for Cranio-Maxillo-Facial Surgery , Volume: 41 Issue: 4 2013 Jun

Authors Warnke PH,Lott AJ,Sherry E,Wiltfang J,Podschun R

Synergistic effects of honey and propolis toward drug multi-resistant Staphylococcus aureus, Escherichia coli and Candida albicans isolates in single and polymicrobial cultures.

International journal of medical sciences , Volume: 9 Issue: 9 2012

Authors Al-Waili N,Al-Ghamdi A,Ansari MJ,Al-Attal Y,Salom K

Antibacterial activity of Greek and Cypriot honeys against Staphylococcus aureus and Pseudomonas aeruginosa in comparison to manuka honey.

Journal of medicinal food , Volume: 16 Issue: 1 2013 Jan

Authors Anthimidou E,Mossialos D

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

Vitamin C inhibits staphylococcus aureus growth and enhances the inhibitory effect of quercetin on growth of Escherichia coli in vitro.

Planta medica , Volume: 78 Issue: 17 2012 Nov

Authors Kallio J,Jaakkola M,Mäki M,Kilpeläinen P,Virtanen V

Antibacterial activity of various honey types of Algeria against Staphylococcus aureus and Streptococcus pyogenes.

Asian Pacific journal of tropical medicine , Volume: 5 Issue: 10 2012 Oct

Authors Moussa A,Nouredine D,Mohamed HS,Abdelmelek M,Saad A

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

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

Chemical composition, olfactory analysis and antibacterial activity of Thymus vulgaris chemotypes geraniol, 4-thujanol/terpinen-4-ol, thymol and linalool cultivated in southern France.

Natural product communications , Volume: 7 Issue: 8 2012 Aug

Authors Schmidt E,Wanner J,Hiiferl M,Jirovetz L,Buchbauer G,Gochev V,Girova T,Stoyanova A,Geissler M

The comparison of fluoroquinolones to nonfluoroquinolone antibacterial agents for the prevention of endophthalmitis in a rabbit model.

Journal of ocular pharmacology and therapeutics : the official journal of the Association for Ocular Pharmacology and Therapeutics , Volume: 28 Issue: 6 2012 Dec

Authors Kowalski RP,Romanowski EG,Shanks RM,Mah FS

Two novel bioactive glucosinolates from Broccoli (Brassica oleracea L. var. italica) florets.

Bioorganic & medicinal chemistry letters , Volume: 22 Issue: 17 2012 Sep 1

Authors Suray NS,Kumar B,Jang M,Yoon DY,Jung YS,Yang DC,Park SW

Does the piperacillin minimum inhibitory concentration for Pseudomonas aeruginosa influence clinical outcomes of children with pseudomonal bacteremia?

Clinical infectious diseases : an official publication of the Infectious Diseases Society of America , Volume: 55 Issue: 6 2012 Sep

Authors Tamma PD,Turnbull AE,Milstone AM,Hsu AJ,Carroll KC,Cosgrove SE

Synthesis and evaluation of antimicrobial activity of 4H-pyrimido[2,1-b]benzothiazole, pyrazole and benzylidene derivatives of curcumin.

European journal of medicinal chemistry , Volume: 54 2012 Aug

Authors Sahu PK,Sahu PK,Gupta SK,Thavaselvam D,Agarwal DD

Haridra (curcuma longa) and its effect on abhisayanda (conjunctivitis).

Ancient science of life , Volume: 8 Issue: 3-4 1989 Jan

Authors Srinivas C,Prabhakaran KV

Antimicrobial Potency of the Leaf - Stalk Extract of Curcuma longa (LINN).

Ancient science of life , Volume: 20 Issue: 1-2 2000 Jul

Authors Mazumder R,Mendiratta T,Mondal SC,Mazumder A

Synergistic activity of coriander oil and conventional antibiotics against *Acinetobacter baumannii*.

Phytomedicine : international journal of phytotherapy and phytopharmacology , Volume: 19 Issue: 3-4 2012 Feb 15

Authors Duarte A,Ferreira S,Silva F,Domingues FC

Modulation of biofilm of strains isolated from patients with chronic obstructive pulmonary disease by levofloxacin, moxifloxacin, ciprofloxacin, amoxicillin/clavulanic acid and ceftriaxone.

International journal of immunopathology and pharmacology , Volume: 24 Issue: 4 2011 Oct-Dec

Authors Drago L,Mattina R,Legnani D,Romano CL,Vianello E,Ricci C,De Vecchi E

Increasing antibiotic activity against a multidrug-resistant *Acinetobacter* spp by essential oils of *Citrus limon* and *Cinnamomum zeylanicum*.

Natural product research , Volume: 26 Issue: 23 2012

Authors Guerra FQ,Mendes JM,Sousa JP,Morais-Braga MF,Santos BH,Melo Coutinho HD,Lima Ede O

The antimicrobial activity of essential oils and extracts of some medicinal plants grown in Ash-shoubak region - South of Jordan.

Pakistan journal of pharmaceutical sciences , Volume: 25 Issue: 1 2012 Jan

Authors Abu-Darwish MS,Al-Ramamneh EA,Kyslychenko VS,Karpiuk UV

Synergistic antimicrobial activities of natural essential oils with chitosan films.

Journal of agricultural and food chemistry , Volume: 59 Issue: 23 2011 Dec 14

Authors Wang L,Liu F,Jiang Y,Chai Z,Li P,Cheng Y,Jing H,Leng X

The association of minocycline and the probiotic *Escherichia coli* Nissle 1917 results in an additive beneficial effect in a DSS model of reactivated colitis in mice.

Biochemical pharmacology , Volume: 82 Issue: 12 2011 Dec 15

Authors Garrido-Mesa N,Utrilla P,Comalada M,Zorrilla P,Garrido-Mesa J,Zarzuelo A,Rodríguez-Cabezas ME,Gálvez J

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

Antibacterial activity in spices and local medicinal plants against clinical isolates of Karachi, Pakistan.

Pharmaceutical biology , Volume: 49 Issue: 8 2011 Aug

Authors Ali NH,Faizi S,Kazmi SU

Investigations into the antiadhesive activity of herbal extracts against *Campylobacter jejuni*.

Phytotherapy research : PTR , Volume: 25 Issue: 8 2011 Aug

Authors Bensch K,Tiralongo J,Schmidt K,Matthias A,Bone KM,Lehmann R,Tiralongo E

Antibacterial effects of the essential oils of commonly consumed medicinal herbs using an in vitro model.

Molecules (Basel, Switzerland) , Volume: 15 Issue: 11 2010 Oct 27

Authors Sokovic M,Glamoclija J,Marin PD,Brkic D,van Griensven LJ

Effect of β -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

A new macrocyclic antibiotic, fidaxomicin (OPT-80), causes less alteration to the bowel microbiota of *Clostridium difficile*-infected patients than does vancomycin.

Microbiology (Reading, England) , Volume: 156 Issue: Pt 11 2010 Nov

Authors Tannock GW,Munro K,Taylor C,Lawley B,Young W,Byrne B,Emery J,Louie T

Biodegradable gelatin-chitosan films incorporated with essential oils as antimicrobial agents for fish preservation.

Food microbiology , Volume: 27 Issue: 7 2010 Oct

Authors Gómez-Estaca J,López de Lacey A,López-Caballero ME,Gómez-Guillén MC,Montero P

Effect of ethnomedicinal plants used in folklore medicine in Jordan as antibiotic resistant inhibitors on *Escherichia coli*.

BMC complementary and alternative medicine , Volume: 10 2010 Feb 28

Authors Darwish RM,Aburjai TA

Ceftazidime, a pseudomonas-active cephalosporin: in-vitro antimicrobial activity evaluation including recommendations for disc diffusion susceptibility tests.

The Journal of antimicrobial chemotherapy , Volume: 8 Suppl B 1981 Sep

Authors Jones RN,Barry AL,Thornsberry C,Gerlach EH,Fuchs PC,Gavan TL,Sommers HM

Antioxidant, antihypertensive, and antibacterial properties of endophytic *Pestalotiopsis* species from medicinal plants.

Canadian journal of microbiology , Volume: 54 Issue: 9 2008 Sep

Authors Tejesvi MV,Kini KR,Prakash HS,Subbiah V,Shetty HS

Antibiotic-induced perturbations of the intestinal microbiota alter host susceptibility to enteric infection.

Infection and immunity , Volume: 76 Issue: 10 2008 Oct

Authors Sekirov I,Tam NM,Jogova M,Robertson ML,Li Y,Lupp C,Finlay BB

Effect of thymol on microbial diversity in the porcine jejunum.

International journal of food microbiology , Volume: 126 Issue: 1-2 2008 Aug 15

Authors Janczyk P,Trevisi P,Souffrant WB,Bosi P

A study of chemical composition and antimicrobial activity of Bulgarian propolis.

Folia medica , Volume: 49 Issue: 3-4 2007

Authors Gardjeva PA,Dimitrova SZ,Kostadinov ID,Murdjeva MA,Peyche LP,Lukanov LK,Stanimirova IV,Alexandrov AS

Quercetin in a lotus leaves extract may be responsible for antibacterial activity.

Archives of pharmacal research , Volume: 31 Issue: 5 2008 May

Authors Li M,Xu Z

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

The antimicrobial efficacy of plant essential oil combinations and interactions with food ingredients.

International journal of food microbiology , Volume: 124 Issue: 1 2008 May 10

Authors Gutierrez J,Barry-Ryan C,Bourke P

Synergistic antibacterial activity between Thymus vulgaris and Pimpinella anisum essential oils and methanol extracts.

Journal of ethnopharmacology , Volume: 116 Issue: 3 2008 Mar 28

Authors Al-Bayati FA

[Surveillance of antimicrobial resistance among nosocomial gram-negative pathogens from 15 teaching hospitals in China in 2005].

Zhonghua yi xue za zhi , Volume: 87 Issue: 39 2007 Oct 23

Authors Yang QW,Xu YC,Chen MJ,Hu YJ,Ni YX,Sun JY,Yu YS,Kong HS,He L,Wu WY,Ye HF,Yang YM,Zhu LN,Guo SH,JI P,Zhu ZH,Ren JK,Zhang LX,Sun ZY,Zhu XH,Tong MQ,Zhao WS,Mei YN,Liu Y,Zhang ZI,Duan Q,Li D,Liu PP,Wang J,Han LX,Wang H,Xie XL

Antibacterial activity of guava (Psidium guajava L.) and Neem (Azadirachta indica A. Juss.) extracts against foodborne pathogens and spoilage bacteria.

Foodborne pathogens and disease , Volume: 4 Issue: 4 2007 Winter

Authors Mahfuzul Hoque MD,Bari ML,Inatsu Y,Juneja VK,Kawamoto S

Antibacterial effect of five Zingiberaceae essential oils.

Molecules (Basel, Switzerland) , Volume: 12 Issue: 8 2007 Aug 23

Authors Norajit K,Laohakunjit N,Kerdchoechuen O

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,Odoni TL,Castro ML,Cabral IS,Costa-Neto CM,Cury JA,Rosalen PL,Ikegaki M

Antimicrobial activity against gram negative bacilli from Yaounde Central Hospital, Cameroon.

African health sciences , Volume: 6 Issue: 4 2006 Dec

Authors Gangoue-Pieboji J,Koulla-Shiro S,Ngassam P,Adiogo D,Ndumbe P

Vapor-phase activities of cinnamon, thyme, and oregano essential oils and key constituents against foodborne microorganisms.

Journal of agricultural and food chemistry , Volume: 55 Issue: 11 2007 May 30

Authors López P,Sanchez C,Batlle R,Nerín C

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 EIM,Rodrigues PH,de Uzeda M,de Carvalho MA,Farias Lde M,Moreira ES

Bacteremia in children at a regional hospital in Trinidad.

International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases , Volume: 11 Issue: 2 2007 Mar

Authors Orrett FA,Changoor E

Antimicrobial and antiplasmodial activities of essential oils.

Fitoterapia , Volume: 77 Issue: 4 2006 Jun

Authors Schelz Z,Molnar J,Hohmann J

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

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

Intestinal microbiota of patients with bacterial infection of the respiratory tract treated with amoxicillin.

The Brazilian journal of infectious diseases : an official publication of the Brazilian Society of Infectious Diseases , Volume: 9 Issue: 4 2005 Aug

Authors Monreal MT,Pereira PC,de Magalhães Lopes CA

Antibacterial activity of Ocimum sanctum L. fixed oil.

Indian journal of experimental biology , Volume: 43 Issue: 9 2005 Sep

Authors Singh S,Malhotra M,Majumdar DK

Propolis: anti-Staphylococcus aureus activity and synergism with antimicrobial drugs.

Memorias do Instituto Oswaldo Cruz , Volume: 100 Issue: 5 2005 Aug

Authors Fernandes Júnior A,Balestrin EC,Betoni JE,Orsi Rde O,da Cunha Mde L,Montelli AC

Effect of propolis in the treatment of experimental Staphylococcus aureus keratitis in rabbits.

Ophthalmic research , Volume: 37 Issue: 6 2005 Nov-Dec

Authors Oksuz H,Duran N,Tamer C,Cetin M,Silici S

Antibacterial activity of propolis against Staphylococcus aureus.

International journal of food microbiology , Volume: 102 Issue: 2 2005 Jul 15

Authors Lu LC,Chen YW,Chou CC

Chemical compositions and antimicrobial activities of four different Anatolian propolis samples.

Microbiological research , Volume: 160 Issue: 2 2005

Authors Uzel A,Sorkun K,Onçag O,Cogulu D,Gençay O,Salih B

Chemical composition and antibacterial activity of propolis collected by three different races of honeybees in the same region.

Journal of ethnopharmacology , Volume: 99 Issue: 1 2005 May 13

Authors Silici S,Kutluca S

Mixture of honey, beeswax and olive oil inhibits growth of Staphylococcus aureus and Candida albicans.

Archives of medical research , Volume: 36 Issue: 1 2005 Jan-Feb

Authors Al-Waili NS

[Antimicrobial properties of bee preparations in ointment form].

Mikrobiolohichnyi zhurnal (Kiev, Ukraine : 1993) , Volume: 66 Issue: 6 2004 Nov-Dec

Authors Postoienko VO,Senchuhova NA,Postoienko OM,Patyka VP

Antibiotic susceptibility profiles of new probiotic Lactobacillus and Bifidobacterium strains.

International journal of food microbiology , Volume: 98 Issue: 2 2005 Feb 1

Authors Zhou JS,Pillidge CJ,Gopal PK,Gill HS

Propolis extract as an adjuvant to periodontal treatment.

Oral health & preventive dentistry , Volume: 1 Issue: 1 2003

Authors Gebaraa EC,Pustiglioni AN,de Lima LA,Mayer MP

Chemical compositions and antibacterial effects of essential oils of Turkish oregano (Origanum minutiflorum), bay laurel (Laurus nobilis), Spanish lavender (Lavandula stoechas L.), and fennel (Foeniculum vulgare) on common foodborne pathogens.

Journal of agricultural and food chemistry , Volume: 52 Issue: 26 2004 Dec 29

Authors Dadalioglu I,Evrendilek GA

Antibacterial and resistance modifying activity of Rosmarinus officinalis.

Phytochemistry , Volume: 65 Issue: 24 2004 Dec

Authors Oluwatuyi M,Kaatz GW,Gibbons S

Growth inhibition of foodborne pathogens and food spoilage organisms by select raw honeys.

International journal of food microbiology , Volume: 97 Issue: 1 2004 Dec 1

Authors Mundo MA,Padilla-Zakour OI,Worobo RW

Emerging resistance among bacterial pathogens in the intensive care unit—a European and North American Surveillance study (2000-2002).

Annals of clinical microbiology and antimicrobials , Volume: 3 2004 Jul 29

Authors Jones ME,Draghi DC,Thornsberry C,Karlowsky JA,Sahm DF,Wenzel RP

In vitro antimicrobial activity of essential oils from aromatic plants against selected foodborne pathogens.

Journal of food protection , Volume: 67 Issue: 6 2004 Jun

Authors Rota C,Carramiñana JJ,Burillo J,Herrera A

Antimicrobial susceptibility of the pathogens of bacteraemia in the UK and Ireland 2001-2002: the BSAC Bacteraemia Resistance Surveillance Programme.

The Journal of antimicrobial chemotherapy , Volume: 53 Issue: 6 2004 Jun

Authors Reynolds R,Potz N,Colman M,Williams A,Livermore D,MacGowan A,BSAC Extended Working Party on Bacteraemia Resistance Surveillance.

[Antibacterial activity of essential oils on microorganisms isolated from urinary tract infection].

Revista de saude publica , Volume: 38 Issue: 2 2004 Apr

Authors Pereira RS,Sumita TC,Furlan MR,Jorge AO,Ueno M

Antimicrobial activity of extracts of local cough mixtures on upper respiratory tract bacterial pathogens.

The West Indian medical journal , Volume: 52 Issue: 3 2003 Sep

Authors Adeleye IA,Opiah L

Antibacterial activity of honey and propolis from Apis mellifera and Tetragonisca angustula against Staphylococcus aureus.

Journal of applied microbiology , Volume: 95 Issue: 5 2003

Authors Miorin PL,Levy Junior NC,Custodio AR,Bretz WA,Marcucci MC

Argentinean collaborative multicenter study on the in vitro comparative activity of piperacillin-tazobactam against selected bacterial isolates recovered from hospitalized patients.

Diagnostic microbiology and infectious disease , Volume: 47 Issue: 3 2003 Nov

Authors Casellas JM,Tomé G,Bantar C,Bertolini P,Blázquez N,Borda N,Couto E,Cudmani N,Guerrera J,Juárez MJ,López T,Littvik A,Méndez E,Notario R,Ponce G,Quinteros M,Salamone F,Sparo M,Sutich E,Vaylet S,Wolff L

Influence of ginger rhizome (Zingiber officinale Rosc) on survival, glutathione and lipid peroxidation in mice after whole-body exposure to gamma radiation.

Radiation research , Volume: 160 Issue: 5 2003 Nov

Authors Jaęetia GC,Balięa MS,Venkatesh P,Ulloor JN

Comparative studies on the activity of basil—an essential oil from Ocimum basilicum L—against multidrug resistant clinical isolates of the genera Staphylococcus, Enterococcus and Pseudomonas by using different test methods.

Journal of microbiological methods , Volume: 54 Issue: 1 2003 Jul

Authors Opalchenova G,Obreshkova D

Trends in antimicrobial susceptibilities among Enterobacteriaceae isolated from hospitalized patients in the United States from 1998 to 2001.

Antimicrobial agents and chemotherapy , Volume: 47 Issue: 5 2003 May

Authors Karlowsky JA,Jones ME,Thornsberry C,Friedland IR,Sahm DF

Antimicrobial resistance in Cairo, Egypt 1999-2000: a survey of five hospitals.

The Journal of antimicrobial chemotherapy , Volume: 51 Issue: 3 2003 Mar

Authors El Kholy A,Baseem H,Hall GS,Procop GW,Longworth DL

Beta-glucan, extracted from oat, enhances disease resistance against bacterial and parasitic infections.

FEMS immunology and medical microbiology , Volume: 35 Issue: 1 2003 Jan 21

Authors Yun CH,Estrada A,Van Kessel A,Park BC,Laarveld B

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

Antibacterial activity of extracts from some edible plants commonly consumed in Asia.

International journal of food microbiology , Volume: 80 Issue: 3 2003 Feb 15

Authors Alzoreky NS,Nakahara K

Potency and antimicrobial spectrum update for piperacillin/tazobactam (2000): emphasis on its activity against resistant organism populations and generally untested species causing community-acquired respiratory tract infections.

Diagnostic microbiology and infectious disease , Volume: 43 Issue: 1 2002 May

Authors Johnson DM,Biedenbach DJ,Jones RN

Evaluation of N-acetylchitooligosaccharides as the main carbon sources for the growth of intestinal bacteria.

FEMS microbiology letters , Volume: 209 Issue: 1 2002 Mar 19

Authors Chen HC,Chang CC,Mau WJ,Yen LS

High frequency of antibiotic resistance among Gram-negative isolates in intensive care units at 10 Swedish hospitals.

Clinical microbiology and infection : the official publication of the European Society of Clinical Microbiology and Infectious Diseases , Volume: 3 Issue: 2 1997 Apr

Authors Hanberger H,Nilsson LE,Swedish Study Group .

Screening of the antibacterial effects of a variety of essential oils on respiratory tract pathogens, using a modified dilution assay method.

Journal of infection and chemotherapy : official journal of the Japan Society of Chemotherapy , Volume: 7 Issue:

4 2001 Dec*Authors Inouye S,Yamaguchi H,Takizawa T*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*Inhibition by the essential oils of peppermint and spearmint of the growth of pathogenic bacteria.**Microbios** , Volume: 106 Suppl 1 2001*Authors Imai H,Osawa K,Yasuda H,Hamashima H,Arai T,Sasatsu M*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*In vitro antimicrobial activity of propolis dry extract.**Journal of chemotherapy (Florence, Italy)** , Volume: 12 Issue: 5 2000 Oct*Authors Drago L,Mombelli B,De Vecchi E,Fassina MC,Tocalli L,Gismondo MR*Study on propolis quality from China and Uruguay.**Zeitschrift fur Naturforschung. C, Journal of biosciences** , Volume: 55 Issue: 9-10 2000 Sep-Oct*Authors Serra Bonvehí J,Ventura Coll F*Evaluation of the in vitro activity of 9 antimicrobials against bacterial strains isolated from patients in intensive care units in brazil: MYSTIC Antimicrobial Surveillance Program.**The Brazilian journal of infectious diseases : an official publication of the Brazilian Society of Infectious Diseases** , Volume: 4 Issue: 5 2000 Oct*Authors Mendes C,Hsiung A,Kiffer C,Oplustil C,Sinto S,Mimica I,Zoccoli C,Mystic Study Group.*[Sensitivity to antibiotics of bacteria from nosocomial infections. Evolution in resuscitation services of military hospitals].**Presse medicale (Paris, France : 1983)** , Volume: 29 Issue: 27 2000 Sep 23*Authors Garrabé E,Cavallo JD,Brisou P,Chapalain JC,Coué JC,Courrier P,Granic G,Hervé V,Koeck JL,Morillon M,Claude JD,Roubay Y,Teyssou R*Seasonal effect on Brazilian propolis antibacterial activity.**Journal of ethnopharmacology** , Volume: 73 Issue: 1-2 2000 Nov*Authors Sforcin JM,Fernandes A Jr,Lopes CA,Bankova V,Funari SR*Screening of some Palestinian medicinal plants for antibacterial activity.**Journal of ethnopharmacology** , Volume: 70 Issue: 3 2000 Jun*Authors Essawi T,Srouf M*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*Antimicrobial activity of essential oils and other plant extracts.**Journal of applied microbiology** , Volume: 86 Issue: 6 1999 Jun*Authors Hammer KA,Carson CF,Riley TV*The effect of sucrose or starch-based diet on short-chain fatty acids and faecal microflora in rats.**Journal of applied microbiology** , Volume: 86 Issue: 2 1999 Feb*Authors Cresci A,Orpianesi C,Silvi S,Mastrandrea V,Dolara P*Influences of urinary pH on ciprofloxacin pharmacokinetics in humans and antimicrobial activity in vitro versus those of sparflloxacin.**Antimicrobial agents and chemotherapy** , Volume: 43 Issue: 3 1999 Mar*Authors Kamberi M,Tsutsumi K,Kotegawa T,Kawano K,Nakamura K,Niki Y,Nakano S*[Relationship between the sensitivity of Pseudomonas aeruginosa and the post-antibiotic effect of sparflloxacin and ciprofloxacin].**Revista espanola de quimioterapia : publicacion oficial de la Sociedad Espanola de Quimioterapia** , Volume: 11 Issue: 4 1998 Dec*Authors Pastor A,Cantón E,Pernán J*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

Microbiological examinations and in-vitro testing of different antibiotics in therapeutic endoscopy of the biliary system.

Endoscopy , Volume: 30 Issue: 8 1998 Oct

Authors Lorenz R,Herrmann M,Kassem AM,Lehn N,Neuhaus H,Classen M

Efficacy and safety of high dose intravenous ciprofloxacin in the treatment of bacterial pneumonia. Italian Ciprofloxacin Study Group.

International journal of antimicrobial agents , Volume: 10 Issue: 3 1998 Aug

Authors Periti P,Mazzei T,Curti ME

[Susceptibilities of bacteria isolated from patients with lower respiratory infectious diseases to antibiotics (1996)].

The Japanese journal of antibiotics , Volume: 51 Issue: 7 1998 Jul

Authors Ikemoto H,Watanabe K,Mori T,Igari J,Oguri T,Shimizu Y,Terao T,Inoue H,Nakadate T,Ito C,Yoshida T,Ohno I,Tanno

Y,Arakawa M,Igarashi K,Okada M,Ozaki K,Aoki N,Kitamura N,Sekine O,Suzuki Y,Nakata K,Nakatani T,Inagawa H,Kusano N

Soluble mannan and beta-glucan inhibit the uptake of Malassezia furfur by human monocytic cell line, THP-1.

FEMS immunology and medical microbiology , Volume: 21 Issue: 3 1998 Jul

Authors Suzuki T,Ohno N,Ohshima Y,Yadomae T

Cefuroxime compared to amoxicillin-clavulanic acid in the treatment of community-acquired pneumonia.

Singapore medical journal , Volume: 37 Issue: 3 1996 Jun

Authors Oh HM,Ng AW,Lee SK

In vitro evaluation of activities of nitazoxanide and tizoxanide against anaerobes and aerobic organisms.

Antimicrobial agents and chemotherapy , Volume: 40 Issue: 10 1996 Oct

Authors Dubreuil L,Houcke I,Mouton Y,Rossignol JF

The efficacy and safety of piperacillin/tazobactam in the therapy of bacteraemia.

The Journal of antimicrobial chemotherapy , Volume: 31 Suppl A 1993 Jan

Authors Wise R

Synergistic effect of ethanolic extract of propolis and antibiotics on the growth of staphylococcus aureus.

Arzneimittel-Forschung , Volume: 43 Issue: 5 1993 May

Authors Krol W,Scheller S,Shani J,Pietsz G,Czuba Z

In vitro antimicrobial activity of fluoroquinolones against clinical isolates obtained in 1989 and 1990.

Journal of the Formosan Medical Association = Taiwan yi zhi , Volume: 92 Issue: 12 1993 Dec

Authors Chen YC,Chang SC,Hsu LY,Hsieh WC,Luh KT

[Effect of propolis on Staphylococcus aureus strains resistant to antibiotics].

Antibiotiki , Volume: 26 Issue: 4 1981 Apr

Authors Shub TA,Kagranova KA,Voropaeva SD,Kivman Gl

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

[In vitro sensitivity at 18 antibiotics of 192 strains of Pseudomonas aeruginosa isolated at Garches Hospital].

Pathologie-biologie , Volume: 35 Issue: 5 1987 May

Authors Ronco E,Vacheron F,Orabona A

[Evaluation of imipenem/clastatin sodium in the treatment of respiratory tract infections].

The Japanese journal of antibiotics , Volume: 43 Issue: 1 1990 Jan

Authors Shimokata K,Kawazu H,Nishiwaki K,Yamamoto M,Sakai S,Senda Y,Torii Y,Amano H,Saka H,Saito H

Immunomodulatory action of propolis: IV. Prophylactic activity against gram-negative infections and adjuvant effect of the water-soluble derivative.

Vaccine , Volume: 10 Issue: 12 1992

Authors Dimov V,Ivanovska N,Bankova V,Popov S

[Selective effect of propolis in the isolation of Listeria monocytogenes (author's transl)].

Nordisk veterinærmedicin , Volume: 29 Issue: 10 1977 Oct

Authors Aspoy E

Bacterial endocarditis on a prosthetic valve. Oral treatment with amoxicillin.

Chest , Volume: 74 Issue: 2 1978 Aug

Authors Lidji M,Rubinstein E,Samra H

[Antibacterial activity of sisomicin in comparison with gentamicin].

Arzneimittel-Forschung , Volume: 26 Issue: 5 1976

Authors Scheer M

In vitro activity of josamycin against aerobic gram-positive cocci and anaerobes.

Antimicrobial agents and chemotherapy , Volume: 9 Issue: 6 1976 Jun

Authors Westerman EL,Williams TW Jr,Moreland N

Antibacterial activity and pharmacokinetics of bacampicillin and ampicillin.

Clinical pharmacology and therapeutics , Volume: 19 Issue: 5 Pt 1 1976 May

Authors Rozencweig M,Staquet M,Klastersky J

Susceptibility of pneumococci and Haemophilus influenzae to antibacterial agents.

Antimicrobial agents and chemotherapy , Volume: 9 Issue: 2 1976 Feb

Authors Finland M,Garner C,Wilcox C,Sabath LD

[Proceedings: Long-term therapy with antibiotics in chronic bronchitis].

Schweizerische medizinische Wochenschrift , Volume: 105 Issue: 28-29 1975 Jul 12

Authors Hoigné R,Keller MF,Spiess JB

Additional sources and private correspondance

Private Correspondance , Volume: 1 Issue: 2018

Infectious Disease and Antibmicrobial Agents

antimicrobe: Infectious Disease and Antibmicrobial Agents , Volume:

Authors E-Sun Technologies

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

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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

