

Microbiome Information for: Biofilm

For non-prescribing Medical professionals Review

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

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

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

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

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

In the USA

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

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

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

Analysis Provided by Microbiome Prescription

A Microbiome Analysis Company

892 Lake Samish Rd, Bellingham WA 98229

Email: Research@MicrobiomePrescription.com

[Our Facebook Discussion Page](#)

Bacteria being reported because of atypical values.

These bacteria were reported atypical in studies of Biofilm

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
Haemophilus	genus	High	724	Listeria monocytogenes	species	High	1639
Klebsiella	genus	High	570	Mediterraneibacter gnavus	species	High	33038
Neisseria	genus	High	482	Moraxella catarrhalis	species	High	480
Porphyromonas	genus	High	836	Mycolicibacterium fortuitum	species	High	1766
Pseudomonas	genus	High	286	Mycoplasma pneumoniae	species	High	2104
Staphylococcus	genus	High	1279	Porphyromonas gingivalis	species	High	837
Streptococcus	genus	High	1301	Prevotella melaninogenica	species	High	28132
Veillonella	genus	High	29465	Proteus mirabilis	species	High	584
Acinetobacter baumannii	species	High	470	Pseudomonas aeruginosa	species	High	287
Actinomyces viscosus	species	High	1656	Pseudomonas fluorescens	species	High	294
Aggregatibacter actinomycetemcomitans	species	High	714	Pseudomonas putida	species	High	303
Bacillus cereus	species	High	1396	Saccharomyces cerevisiae	species	High	4932
Bacillus subtilis	species	High	1423	Salmonella enterica	species	High	28901
Bifidobacterium bifidum	species	High	1681	Staphylococcus aureus	species	High	1280
Burkholderia cenocepacia	species	High	95486	Staphylococcus carnosus	species	High	1281
Burkholderia pseudomallei	species	High	28450	Staphylococcus epidermidis	species	High	1282
Candida albicans	species	High	5476	Staphylococcus haemolyticus	species	High	1283
Cronobacter sakazakii	species	High	28141	Streptococcus agalactiae	species	High	1311
Cutibacterium acnes	species	High	1747	Streptococcus mutans	species	High	1309
Enterococcus faecalis	species	High	1351	Streptococcus parasanguinis	species	High	1318
Escherichia coli	species	High	562	Streptococcus pneumoniae	species	High	1313
Fusobacterium nucleatum	species	High	851	Streptococcus sanguinis	species	High	1305
Gardnerella vaginalis	species	High	2702	Tannerella forsythia	species	High	28112
Haemophilus influenzae	species	High	727	Vibrio cholerae	species	High	666
Klebsiella pneumoniae	species	High	573	Yersinia pestis	species	High	632

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.

Abstention from eating {Fasting}

Astragalus

D-ribofuranoside {Ribose} 10 gram/day

Escherichia coli cryodesiccata {colinfant probiotics}

Ferrum {Iron Supplements} 400 mg/day

Sleep apnea {partial sleep deprivation}

synthetic disaccharide derivative of lactose {Lactulose}

Titanium Dioxide {E171}

Tobacco consumption {Smoking}

Under cooked animal protein {Rare meat}

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.

5,6-dihydro-9,10-dimethoxybenzo[g]-1,3-benzodioxolo[5,6-a]quinolizinium {Berberine}
3,3',4',5,7-pentahydroxyflavone {Quercetin}
allium sativum {garlic}
Azadirachta indica {Neem}
Cinnamomum zeylanicum {Ceylon Cinnamon}
Curcuma longa {Turmeric}
D-(-)-Fructose {Fruit sugar}
Diferuloylmethane {Curcumin}
foeniculum vulgare,fennel
Honey {Honey }
Lactobacillus plantarum {L. plantarum}

Metha family {Mint}
Moringa Oleifera
Nigella sativa {black cumin}
Ocimum basilicum {Basil}
origanum vulgare {oregano}
Propolis {Bee glue}
Punica granatum {pomegranate}
rosmarinus officinalis {rosemary}
syzygium aromaticum {clove}
Thymus vulgaris {thyme}
Zingiber officinale Roscoe {ginger}

Sample of Literature Used

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

[Impact of mixed Staphylococcus aureus-Pseudomonas aeruginosa biofilm on susceptibility to antimicrobial treatments in a 3D in vitro model.](#)

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

Authors Landa G,Clarhaut J,Buyck J,Mendoza G,Arruebo M,Tewes F

[In vitro plaque formation model to unravel biofilm formation dynamics on implant abutment surfaces.](#)

Journal of oral microbiology , Volume: 16 Issue: 1 2024

Authors Utomo RNC,Palkowitz AL,Gan L,Rudzinski A,Franzen J,Ballerstedt H,Zimmermann M,Blank LM,Fischer H,Wolfart S,Tuna T

[Chitosan oligosaccharide efficiently inhibits Cronobacter sakazakii biofilm by interacting with out membrane protein A for regulating CpxRA-mediated cellulose production pathway.](#)

International journal of biological macromolecules , Volume: 282 Issue: Pt 6 2024 Nov 7

Authors Yu Y,Dong Q,Wang J,Hu Y,Liu Z,Chen Q

[Differential expression of small RNAs in biofilm-producing clinical methicillin-susceptible Staphylococcus aureus recovered from human urine.](#)

Heliyon , Volume: 10 Issue: 20 2024 Oct 30

Authors Jones SU,Kee BP,Chew CH,Yeo CC,Chua KH,Puah SM

[Emergence of lineage ST150 and linezolid resistance in Enterococcus faecalis: a molecular epidemiology study of UTIs in Tehran, Iran.](#)

Frontiers in microbiology , Volume: 15 2024

Authors Seyedolmohadesin M,Kouhzad M,Götz F,Ashkani M,Aminzadeh S,Bostanghadiri N

[Screening of Klebsiella pneumoniae isolates reveals the spread of strong biofilm formers and class 1 integrons.](#)

Journal of applied microbiology , Volume: 135 Issue: 11 2024 Nov 4

Authors Saha U,Jadhav SV,Pathak KN,Saroj SD

[Biofilm Producing Organisms and Their Antibiotic Sensitivity in Chronic Suppurative Otitis Media: A Cross-Sectional Study.](#)

Indian journal of otolaryngology and head and neck surgery : official publication of the Association of Otolaryngologists of India , Volume: 76 Issue: 5 2024 Oct

Authors Mujahid ZA,Palal SS,Gopan G,Ramabhadraiah AK

[PDIA iminosugar influence on subcutaneous Staphylococcus aureus and Pseudomonas aeruginosa infections in mice.](#)

Frontiers in cellular and infection microbiology , Volume: 14 2024

Authors Koziem L,Policht A,Heczko P,Arent Z,Bracha U,Pardyak L,Pietsch-Fulbiszewska A,Gallienne E,Piwowar P,Okon K,Tomusiak-Plebanek A,Strus M

[Fungal biofilm formation and its regulatory mechanism.](#)

Heliyon , Volume: 10 Issue: 12 2024 Jun 30

Authors Wang D,Zeng N,Li C,Li Z,Zhang N,Li B

[Regulation of biofilm gene expression by DNA replication in Bacillus subtilis.](#)

Journal of cellular and molecular medicine , Volume: 28 Issue: 12 2024 Jun

Authors Wu R,Kong LX,Liu F

[Biofilm generation and antibiotic resistant profile of extensive and multidrug resistant Pseudomonas aeruginosa from burn patients in Ahvaz: A cross-sectional study.](#)

Health science reports , Volume: 7 Issue: 6 2024 Jun

Authors Akrami S,Ekrami A,Avarvand AY

[Investigating the antimicrobial and anti-inflammatory effects of Lactobacillus and Bifidobacterium spp. on cariogenic and periodontitis pathogens.](#)

Frontiers in microbiology , Volume: 15 2024

Authors Mahdizade Ari M,Mirkalantari S,Darban-Sarokhalil D,Darbandi A,Razavi S,Talebi M

[The pathogenicity and virulence of the opportunistic pathogen Staphylococcus epidermidis.](#)

Virulence , Volume: 15 Issue: 1 2024 Dec

Authors Burke Ó,Zeden MS,O` Gara JP

[Mechanism and bioinformatics analysis of the effect of berberine-enhanced fluconazole against drug-resistant Candida albicans.](#)

BMC microbiology , Volume: 24 Issue: 1 2024 Jun 7

Authors Wu S,Jia W,Lu Y,Jiang H,Huang C,Tang S,Du L

[Inhibition of Candida albicans Biofilm Formation and Attenuation of Its Virulence by Liriope muscari.](#)

Antibiotics (Basel, Switzerland) , Volume: 13 Issue: 5 2024 May 12

Authors Lee J,Song H,Kim K

[Biofilm of Cutibacterium acnes: a target of different active substances.](#)

International journal of dermatology , 2024 May 18

Authors Ruffier d`Epenoux L,Fayoux E,Veziers J,Dagnelie MA,Khammari A,Dréno B,Corvec S

[Growing a Cystic Fibrosis-Relevant Polymicrobial Biofilm to Probe Community Phenotypes.](#)

Journal of visualized experiments : JoVE , Issue: 206 2024 Apr 19

Authors Poirier S,Jean-Pierre F

[Ginkgo biloba L. exocarp petroleum ether extract inhibits methicillin-resistant Staphylococcus aureus by modulating ion transport, virulence, and biofilm formation in vitro and in vivo.](#)

Journal of ethnopharmacology , Volume: 328 2024 Jun 28

Authors Wei PW,Wang X,Wang C,Chen M,Liu MZ,Liu WX,He YL,Xu GB,Zheng XH,Zhang H,Liu HM,Wang B

[Understanding bacterial biofilms: From definition to treatment strategies.](#)

Frontiers in cellular and infection microbiology , Volume: 13 2023

Authors Zhao A,Sun J,Liu Y

[Anti-Biofilm and Associated Anti-Virulence Activities of Selected Phytochemical Compounds against Klebsiella pneumoniae.](#)

Plants (Basel, Switzerland) , Volume: 11 Issue: 11 2022 May 27

Authors Adeosun U,Baloyi IT,Cosa S

[Development of Desiccation-Tolerant Probiotic Biofilms Inhibitory for Growth of Foodborne Pathogens on Stainless Steel Surfaces.](#)

Foods (Basel, Switzerland) , Volume: 11 Issue: 6 2022 Mar 14

Authors Kim JH,Lee ES,Song KJ,Kim BM,Ham JS,Oh MH

[Mucosal Biofilms Are an Endoscopic Feature of Irritable Bowel Syndrome and Ulcerative Colitis.](#)

Gastroenterology , Volume: 161 Issue: 4 2021 Oct

Authors Baumgartner M,Lang M,Holley H,Crepaz D,Hausmann B,Pjevac P,Moser D,Haller F,Hof F,Beer A,Orgler E,Frick A,Khare V,Evstatiev R,Strohmaier S,Primas C,Dolak W,Köcher T,Klavins K,Rath T,Neurath MF,Berry D,Makristathis A,Muttenthaler M,Gasche C

[Biofilms by bacterial human pathogens: Clinical relevance - development, composition and regulation - therapeutical strategies.](#)

Microbial cell (Graz, Austria) , Volume: 8 Issue: 2 2021 Feb 1

Authors Schulze A,Mitterer F,Pombo JP,Schild S

[Fosfomycin and Staphylococcus aureus: transcriptomic approach to assess effect on biofilm, and fate of unattached cells.](#)

The Journal of antibiotics , Volume: 73 Issue: 2 2020 Feb

Authors Marquès C,Collin V,Franceschi C,Charbonnel N,Chatellier S,Forestier C

[The Microbiome and Irritable Bowel Syndrome - A Review on the Pathophysiology, Current Research and Future Therapy.](#)

Frontiers in microbiology , Volume: 10 2019

Authors Chong PP,Chin VK,Looi CY,Wong WF,Madhavan P,Yong VC

[Bacterial biofilm formation on implantable devices and approaches to its treatment and prevention.](#)

Heliyon , Volume: 4 Issue: 12 2018 Dec

Authors Khatoon Z,McTiernan CD,Suuronen EJ,Mah TF,Alarcon EI

[Strategies for combating bacterial biofilms: A focus on anti-biofilm agents and their mechanisms of action.](#)

Virulence , Volume: 9 Issue: 1 2018 Jan 1

Authors Roy R,Tiwari M,Donelli G,Tiwari V

[Acetyl-11-keto- \$\beta\$ -boswellic acid \(AKBA\): targeting oral cavity pathogens.](#)

BMC research notes , Volume: 4 2011 Oct 13

Authors Raja AF,Ali F,Khan IA,Shawl AS,Arora DS

[Generalized relationship between numbers of bacteria and their viability in biofilms.](#)

Applied and environmental microbiology , Volume: 77 Issue: 14 2011 Jul

Authors Sjollem J,Rustema-Abbing M,van der Mei HC,Busscher HJ

[Biofilms.](#)

Cold Spring Harbor perspectives in biology , Volume: 2 Issue: 7 2010 Jul

Authors López D,Vlamakis H,Kolter R

[Biofilms.](#)

Cold Spring Harbor perspectives in biology , Volume: 2 Issue: 7 2010 Jul

Authors López D,Vlamakis H,Kolter R

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

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

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

Biological Characterization and Essential Oil Profiles of Eastern European Cultivars of Thymus, Satureja, and Monarda.**Molecules (Basel, Switzerland) , Volume: 31 Issue: 2 2026 Jan 19**

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

Phenolic Compounds, Antioxidant and Antimicrobial Activities of Punica granatum L. Fruit Extracts.**Molecules (Basel, Switzerland) , Volume: 31 Issue: 2 2026 Jan 19**

Authors Božovic M,Tadic V,Oliva A,Mladenovic M,Astolfi R,Ragno R

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

The effect of fruit extracts containing phenolic compounds on the survivability of Streptococcus mutans: an in vitro study.**European archives of paediatric dentistry : official journal of the European Academy of Paediatric Dentistry , 2026 Jan 19**

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

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-Mañez R,Mima EGO

Lactiplantibacillus plantarum Membrane Vesicles (MVs) exhibit immunomodulatory and bactericidal effects against Escherichia coli and Salmonella Typhimurium.**PloS one , Volume: 21 Issue: 1 2026**

Authors Lonngj Sosa CD,González Díaz FR,Ramírez Álvarez H,Vargas Ruiz A,Muciño Hernández JL,Higuera Piedrahita RI,de la Cruz Cruz HA,Leal Hernández M,Ramírez-Rico G,Cuéllar Ordaz JA,González Ruiz C

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

Synergistic Effects of Garlic Extract and Mannan-Oligosaccharide Prebiotic Supplementation on Growth Performance, Carcass Quality, Immunity, Gut Morphology and Microbiome in Broiler Chickens.**Veterinary medicine and science , Volume: 12 Issue: 1 2026 Jan**

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

Energy-sparing effect of oregano (Origanum vulgare subsp. hirtum) essential oil and its mixtures in broilers: Improved feed efficiency via optimized intestinal health.**Poultry science , Volume: 105 Issue: 3 2025 Dec 29**

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

Change of oral microbiome diversity by smoking across different age groups.**Frontiers in microbiology , Volume: 16 2025**

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

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

Lactulose as a prebiotic improved the intestinal health and metabolism of geese.**Frontiers in veterinary science , Volume: 12 2025**

Authors Wang X,Ye P,Zhu J,Zhu X,He X,Meng Y,Cao S,Zhao L

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,Yigft A,Basar Y,Ertas M,Samsa CG,Ozturk D,Genç H

Dietary composition and fasting regimens differentially impact the gut microbiome and short-chain fatty acid profile in a Pakistani cohort.**Frontiers in systems biology , Volume: 5 2025**

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

Phytochemical analysis and bioactive potential of Moringa, Eucalyptus, and Nerium extracts against microbial, diabetic, inflammatory, and oxidative stress challenges.**3 Biotech , Volume: 15 Issue: 11 2025 Nov**

Authors Challa BR,Kantamneni GD, Suravajhala M,Vadlamudi S,Manne M,Chathyushya KB

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

The addition of encapsulated Bacillus subtilis, Enterococcus faecium, and Lactobacillus plantarum postbiotics, either alone or with inulin, improves slaughter weight, gut function, and microbiota in broilers.**BMC veterinary research** , Volume: 21 Issue: 1 2025 Oct 14

Authors Atan Çirpici H,Kirkpinar F

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

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

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

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

In Vitro and In Silico Analysis of Differential Antibacterial Activity of Pomegranate Polyphenols Against Gram-Positive and Gram-Negative Bacteria.**Antibiotics (Basel, Switzerland)** , Volume: 14 Issue: 9 2025 Sep 10

Authors Surucic R,Travar M,Kundakovic Vasovic T,Radovic Selgrad J,Surucic L,Momcilovic M,Stojiljkovic MP,Škrbic R

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

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

Lactobacillus plantarum and Lactobacillus brevis alleviate enterotoxigenic Escherichia coli-induced intestinal inflammation and stabilize intestinal microorganisms and serum metabolites in piglets.**Animal nutrition (Zhongguo xu mu shou yi xue hui)** , Volume: 22 2025 Sep

Authors Han X,Gao R,Ding S,Yao H,Fang J,Liu G

Probiotic Lactiplantibacillus plantarum Probio87 Improves Gut Microbial Profiles in HPV-Positive Women: A Randomized, Placebo-Controlled and Double-Blind Study.**Molecular nutrition & food research** , 2025 Aug 30

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

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

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

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

The mechanism of curcumin inhibits Bacillus cereus protease production by modulating the LuxS/AI-2 system.**International journal of food microbiology** , Volume: 442 2025 Aug 5

Authors Wang L,Li S,Liu J,Qi X,Cheng J,Guo L,Yang X,Jiang Y

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

Synergistic bactericidal and antibiofilm effects of curcumin and nisin dual-loaded liposomes combined with photodynamic treatment on Listeria monocytogenes.**Food chemistry** , Volume: 492 Issue: Pt 3 2025 Jul 19

Authors Zhang J,Qin J,Fu Z,Tang W,Pu C,Sun Q

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

The potential of cell-free supernatants from Lactocaseibacillus paracasei B1 and Lactiplantibacillus plantarum O24 as antioxidant and antimicrobial agents.**Food chemistry , Volume: 492 Issue: Pt 2 2025 Jul 3**

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

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,Kenack LBM,Miégué E,Fokom DW,Kuitche HM,Kesnel ZDD,Tendonkeng F,Clerge T,Hornick JL

Impact of the Probiotic on the Modulation of Vaginal Bacterial and Fungal Microbiota in HPV-Positive Women.**Molecular nutrition & food research , 2025 Jun 11**

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

Impact of Iron Deficiency on the Growth and Bioelectrical Profile of Different Gut Bacteria.**MicrobiologyOpen , Volume: 14 Issue: 3 2025 Jun**

Authors Quarta E,Bourqia-Ramzi M,Muñoz-Rodríguez D,García-Esteban MT,Murciano-Cespedosa A,Mateos González Á,Conejero-Meca FJ,Lombardo-Hernandez J,Mansilla-Guardiola J,Baroni S,Geninatti Crich S,Geuna S,Munaron L,Chiabrando D,Herrera-Rincon C

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

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

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

Authors Thakur A,Sharma K

Metabolic Profile, Antioxidant, Antimicrobial, Contractile, and Anti-Inflammatory Potential of Moringa oleifera Leaves (India).**Life (Basel, Switzerland) , Volume: 15 Issue: 4 2025 Apr 1**

Authors Panova N,Gerasimova A,Tumbariski Y,Ivanov I,Todorova M,Dincheva I,Gentscheva G,Gledacheva V,Slavchev V,Stefanova I,Petkova N,Nikolova S,Nikolova K

Moringa oleifera seed preparations containing the lectin WSMoL inhibit growth, cell aggregation, and biofilm production of Listeria monocytogenes.**Microbial pathogenesis , 2025 Apr 15**

Authors Filho Lima da Silva WS,Amorim PK,Salles Ferreira GR,Raion de Vasconcelos Alves R,Sales da Silva CE,Monteiro Dos Santos PE,Guedes Paiva PM,Ingmer H,Pedrosa da Silva S,Michelle da Silva P,Napoleão TH

Electrostatically assembled maghemite nanoparticles-Lactobacillus plantarum: A novel hybrid for enhanced antioxidant, antimicrobial, and antibiofilm efficacy.**Bioresource technology , 2025 Apr 12**

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

Dry ginger and Schisandra chinensis modulate intestinal flora and bile acid metabolism to treatment asthma.**Frontiers in microbiology , Volume: 16 2025**

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

GC/MS and LC Composition Analysis of Essential Oil and Extracts From Wild Rosemary: Evaluation of Their Antioxidant, Antimicrobial, and Anti-Inflammatory Activities.**Biomedical chromatography : BMC , Volume: 39 Issue: 5 2025 May**

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

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

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

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

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

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

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

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

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

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

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

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

Authors Obeidat M,Haddad MA,Ghnamat SA

Effect of ozonation on the phytochemicals of black seed oil and its anti-microbial, anti-oxidant, anti-inflammatory, and anti-neoplastic activities in vitro.

Scientific reports , Volume: 14 Issue: 1 2024 Dec 11

Authors Al-Rajhi AMH,Abdelghany TM,Almuhayawi MS,Airuhaili MH,Saddiq AA,Baghdadi AM,Al Jaouni SK,Albasri HM,Waznah MS,Alraddadi FA,Selim S

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

Effects of *Lactiplantibacillus plantarum* LM1215 on *Candida albicans* and *Gardnerella vaginalis*.

Yonsei medical journal , Volume: 65 Issue: 12 2024 Dec

Authors Bae WY,Lee YJ,Jo S,Shin SL,Kim TR,Sohn M,Seol HJ

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

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

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

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

Authentication of *Ziziphus lotus* Honey from the Middle Atlas Mountains of Morocco: Physicochemical Properties, Mineral Content, Sugar, Polyphenol Profiles, and Antioxidant Capacity.

ACS omega , Volume: 9 Issue: 45 2024 Nov 12

Authors Bouddine T,Kachmar MR,Akdad M,Bouymajane A,Ajebli M,Mothana RA,Alanzi AR,Hajjaj H,Khallouki F,Reybroeck W,Van Poucke C,Hajji L

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

Dipeptides from *Lactiplantibacillus plantarum* limit *Pseudomonas aeruginosa* pathogenesis.

Journal of applied microbiology , Volume: 135 Issue: 11 2024 Nov 4

Authors Narasimulu J,Baburajan N,Saravanan TS,Raorane CJ,Vaidyanathan VK,Ravichandran V,Rajasekharan SK

The Antifungal Effects of Berberine and Its Proposed Mechanism of Action Through CYP51 Inhibition, as Predicted by Molecular Docking and Binding Analysis.

Molecules (Basel, Switzerland) , Volume: 29 Issue: 21 2024 Oct 27

Authors Zhang CW,Huang DY,Rajoka MSR,Wu Y,He ZD,Ye L,Wang Y,Song X

Synergistic defense: Quercetin and chondroitin sulfate combat bacterial trigger of rheumatoid arthritis, Proteus mirabilis through in-vitro and in-vivo mechanisms.

Microbial pathogenesis , 2024 Oct 26

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

In-vitro and In-silico evaluation of antimicrobial and antibiofilm effect of Neem oil and Calcium hydroxide nanoparticles against Mutans Streptococci and Enterococcus faecalis isolated from endodontic infections.

Scientific reports , Volume: 14 Issue: 1 2024 Nov 2

Authors Nageeb WM,Adam SH,Hashem N,Abdelsalam N

Cigarette smoke compromises macrophage innate sensing in response to pneumococcal infection.

Journal of microbiology, immunology, and infection = Wei mian yu gan ran za zhi , 2024 Oct 28

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

Effects of Thyme (Thymus vulgaris) Essential Oil on Bacterial Growth and Expression of Some Virulence Genes in Salmonella enterica Serovar Enteritidis.

Veterinary medicine and science , Volume: 10 Issue: 6 2024 Nov

Authors Hassanzadeh M,Mirzaie S,Pirmahalle FR,Yahyaaray R,Razmyar J

Potential probiotic Lactiplantibacillus plantarum strains alleviate TNF- α by regulating ADAM17 protein and ameliorate gut integrity through tight junction protein expression in in vitro model.

Cell communication and signaling : CCS , Volume: 22 Issue: 1 2024 Oct 28

Authors Devi MB,Bhattacharya A,Kumar A,Singh CT, Das S,Sarma HK,Mukherjee AK,Khan MR

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

Lecithin-based mixed polymeric micelles for activity improvement of curcumin against Staphylococcus aureus.

Journal of biomaterials science. Polymer edition , 2024 Oct 26

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

Oregano essential oil and Bacillus subtilis role in enhancing broiler's growth, stress indicators, intestinal integrity, and gene expression under high stocking density.

Scientific reports , Volume: 14 Issue: 1 2024 Oct 25

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

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

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

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

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

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

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

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

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

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

Development and Assessment of a Multipurpose Herbal Cream With Moringa oleifera Lam.

Cureus , Volume: 16 Issue: 9 2024 Sep

Authors Suresh M,Mukundan SK,Rajasekar S,Gokulakrishnan S,Purushothaman N,Sethuraman SP

Biocompatible Poly(ϵ -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

Rosmarinus officinalis and Zataria multiflora extracts enhanced antibacterial activity of ciprofloxacin against methicillin-

resistant Staphylococcus aureus.

Natural product research , 2024 Oct 1

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

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

Frontiers in immunology , Volume: 15 2024

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

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

Microorganisms , Volume: 12 Issue: 9 2024 Sep 19

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

Synthesis of Tellurium Nanoparticles Using Moringa oleifera Extract, and Their Antibacterial and Antibiofilm Effects against Bacterial Pathogens.

Microorganisms , Volume: 12 Issue: 9 2024 Sep 6

Authors Ao B,Jiang H,Cai X,Liu D,Tu J,Shi X,Wang Y,He F,Lv J,Li J,Hu Y,Xia X,Hou J

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

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

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

Molecular biotechnology , 2024 Sep 6

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

Cytotoxicity assessment and antimicrobial effects of cell-free supernatants from probiotic lactic acid bacteria and yeast against multi-drug resistant Escherichia coli.

Letters in applied microbiology , Volume: 77 Issue: 9 2024 Sep 2

Authors Ozma MA,Ghotaslou R,Asgharzadeh M,Abbasi A,Rezaee MA,Kafil HS

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

Microorganisms , Volume: 12 Issue: 8 2024 Jul 27

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

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

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

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

Comparative Evaluation of Antibacterial Efficacy and Remineralization Potential of Acidulated Phosphate Fluoride Gel with Herbal Dental Gel Containing Zingiber officinale, Salvadora persica, and Cinnamomum zeylanicum: An In Vitro Study.

International journal of clinical pediatric dentistry , Volume: 17 Issue: 3 2024 Mar

Authors Kohli N,Hugar SM,Hallikerimath S,Gokhale N,Kadam K,Soneta SP

A Comparative Evaluation of Herbal Extracts and Triple Antibiotic Paste as Intracanal Medicament against Enterococcus faecalis: A Microbiological Study.

International journal of clinical pediatric dentistry , Volume: 17 Issue: 3 2024 Mar

Authors Golla S,Gambhir N,Gupta N,Singh R,Singh D

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

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

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

Lactobacillus plantarum LPYC225 mixture partially modulates the vaginal bacterial community of Gardnerella vaginalis-infected bacterial vaginosis in mice.

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

Authors Kim HJ,Kim DG,Kang SH,Choi H,Go SW,Kim DK,Myung JH,Park JH,Soh JR,Kim SK,Hong SW,Kang M,Park ES,Park I,Kang J,Kwon HJ,Jin JS

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

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

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

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

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

Authors Zhang J,Wang Q,Duan Z

Effect of dietary Moringa oleifera on production performance and gut health in broilers.

Journal of advanced veterinary and animal research , Volume: 11 Issue: 2 2024 Jun

Authors Gul S,Hussain F,Taj R,Ullah A

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

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

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

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

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

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

Authors Pourhajibagher M, Ghafari HA, Bahador A

In vitro analysis of postbiotic antimicrobial activity against Candida Species in a minimal synthetic model simulating the gut mycobiota in obesity.

Scientific reports , Volume: 14 Issue: 1 2024 Jul 21

Authors García-Gamboa R, Perfecto-Avalos Y, Gonzalez-Garcia J, Alvarez-Calderon MJ, Gutierrez-Vilchis A, Garcia-Gonzalez A

Effects of Lactiplantibacillus plantarum CCFM1214 and Ligilactobacillus salivarius CCFM1215 on halitosis: a double-blind, randomized controlled trial.

Food & function , 2024 Jul 19

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

Unlocking the therapeutic potential of Nigella sativa extract: phytochemical analysis and revealing antimicrobial and antioxidant marvels.

BMC complementary medicine and therapies , Volume: 24 Issue: 1 2024 Jul 12

Authors Rahman AU, Abdullah A, Faisal S, Mansour B, Yahya G

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, Pirsá S, Toupchi FM, Mohtarami F

Inhibitory effect of polyphenols from sumac, pomegranate and Indian almond on urease producing bacteria and jack bean urease activity.

International journal of biological macromolecules , Volume: 276 Issue: Pt 1 2024 Sep

Authors Haq MA, Nazir M, Jabeen G, Jabeen N, Naz S, Nawaz H, Xu J

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

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

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

3D printed scaffolds with quercetin and vitamin D3 nanocarriers: In vitro cellular evaluation.

Journal of biomedical materials research. Part A , 2024 Jun 18

Authors Bose S, Chaudhari VS, Kushram P

Fasting-Induced Molting Impacts the Intestinal Health by Altering the Gut Microbiota.**Animals : an open access journal from MDPI , Volume: 14 Issue: 11 2024 May 31**

Authors Zhang H,Zhang Y,Gong Y,Zhang J,Li D,Tian Y,Han R,Guo Y,Sun G,Li W,Zhang Y,Zhao X,Zhang X,Wang P,Kang X,Jiang R

Lactobacillus plantarum-Derived Extracellular Vesicles Modulate Macrophage Polarization and Gut Homeostasis for Alleviating Ulcerative Colitis.**Journal of agricultural and food chemistry , Volume: 72 Issue: 26 2024 Jul 3**

Authors Chen Q,Fang Z,Yang Z,Xv X,Yang M,Hou H,Li Z,Chen Y,Gong A

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

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

Smoking induced salivary microbiome dysbiosis and is correlated with lipid biomarkers.**BMC oral health , Volume: 24 Issue: 1 2024 May 25**

Authors Mohammed LI,Razali R,Zakaria ZZ,Benslimane FM,Cyprian F,Al-Asmakh M

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

Insights into the antioxidant, anti-inflammatory and anti-microbial potential of Nigella sativa essential oil against oral pathogens.**Scientific reports , Volume: 14 Issue: 1 2024 May 24**

Authors Bhavikatti SK,Zainuddin SLA,Ramli RB,Nadaf SJ,Dandge PB,Khalate M,Karobari MI

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

Antimicrobial and antibiofilm activities of Brazilian organic honey against oral microorganisms.**Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology] , Volume: 55 Issue: 3 2024 Sep**

Authors Romário-Silva D,Franchin M,Alencar SM,Bueno-Silva B,de Cássia Orlandi Sardi J,da Silva ACB,Cruz-Vieira F,da Silva PV,Rosalen PL

Differential alteration in Lactiplantibacillus plantarum subsp. plantarum quorum-sensing systems and reduced Candida albicans yeast survival and virulence gene expression in dual-species interaction.**Microbiology spectrum , Volume: 12 Issue: 6 2024 Jun 4**

Authors Xu Z,Li Y,Xu A,Xue L,Soteyome T,Yuan L,Ma Q,Seneviratne G,Hong W,Mao Y,Kjellerup BV,Liu J

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

Antivirulence Effects of Trans-Resveratrol and Curcumin on Methicillin-Resistant Staphylococcus aureus (MRSA) from Saudi Arabia.**Life (Basel, Switzerland) , Volume: 14 Issue: 4 2024 Apr 10**

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

Influence of Gelatin and Propolis Extract on Honey Gummy Jelly Properties: Optimization Using D-Optimal Mixture Design.**Gels (Basel, Switzerland) , Volume: 10 Issue: 4 2024 Apr 21**

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

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

Pharmacological Potential Effects of Algerian Propolis Against Oxidative Stress, Multidrug-Resistant Pathogens Biofilm and Quorum-Sensing.

Turkish journal of pharmaceutical sciences , Volume: 21 Issue: 1 2024 Mar 25

Authors Hadjab W,Zellagui A,Mokrani M,Öztürk M,Ceylan Ö,Gherraf N,Bensouici C

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

Antibacterial Potential of Biosynthesized Silver Nanoparticles Using Berberine Extract Against Multidrug-resistant Acinetobacter baumannii and Pseudomonas aeruginosa.

Indian journal of microbiology , Volume: 64 Issue: 1 2024 Mar

Authors Tahan M,Zeraatkar S,Neshani A,Marouzi P,Behmadi M,Alavi SJ,Hashemi Shahri SH,Hosseini Bafghi M

Olive oil nanoemulsion containing curcumin: antimicrobial agent against multidrug-resistant bacteria.

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

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

The pomegranate-derived peptide Pug-4 alleviates nontypeable Haemophilus influenzae-induced inflammation by suppressing NF- κ B signaling and NLRP3 inflammasome activation.

PeerJ , Volume: 12 2024

Authors Jantaruk P,Roytrakul S,Sistayanarain A,Kunthalert D

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

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

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

Authors Mícenková L,Brodíková K,Smetanová S,Bosák J,Šmajs D,Andrla P,Budinská E

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

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

[Analysis of gut target microbiota and species difference in patients with obstructive sleep apnea based on 16S rRNA sequencing].

Nan fang yi ke da xue xue bao = Journal of Southern Medical University , Volume: 44 Issue: 1 2024 Jan 20

Authors Zhu J,Lu M,Jiao Q,Sun Y,Liu L,Ding H,Yu Y,Pan L

Moringa oleifera Gum-Assisted Synthesis and Characterization of CoAg(x)Fe(2-x)O(4): Insight into Structural, Magnetic, Optical, and Biomedical Properties.

ACS omega , Volume: 9 Issue: 3 2024 Jan 23

Authors Tamboli QY,Patange SM,Mohanta YK,Patil AD,Ali R,Bushnak I,Zakde K

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,Charaslertrangsi T

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

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

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

Synthesis of New Derivatives of Berberine Canagliflozin and Study of Their Antibacterial Activity and Mechanism.

Molecules (Basel, Switzerland) , Volume: 29 Issue: 1 2024 Jan 4

Authors Li J,Hou X,Xiao J,Zhu L,Deng Y,Li Z,Zhao Z,Luo Z,Wei H

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

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

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

Chemoprotective 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

Therapeutic Potential of *Punica granatum* and Isolated Compounds: Evidence-Based Advances to Treat Bacterial Infections.

International journal of microbiology , Volume: 2023 2023

Authors Mendes PM,Gomes Fontoura GM,Rodrigues LDS,Souza AS,Viana JPM,Fernandes Pereira AL,Dutra RP,Nogueira

Ferreira AG,Neto MS,Reis AS,Berretta AA,Monteiro-Neto V,Maciel MCG

Effects of *Lactobacillus plantarum* HW1 on Growth Performance, Intestinal Immune Response, Barrier Function, and Cecal Microflora of Broilers with Necrotic Enteritis.

Animals : an open access journal from MDPI , Volume: 13 Issue: 24 2023 Dec 10

Authors Chen P,Lv H,Liu W,Wang Y,Zhang K,Che C,Zhao J,Liu H

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,Mirshafieyan M,Moghaddam ZS,Farassati Far B,Noorbazargan H,Mirzaie A,Ren Q

Effects of pomegranate (*Punica granatum* L.) peel on the growth performance and intestinal microbiota of broilers challenged with *Escherichia coli*.

Poultry science , Volume: 103 Issue: 2 2024 Feb

Authors Xu P,Wang J,Chen P,Ding H,Wang X,Li S,Fan X,Zhou Z,Shi D,Li Z,Cao S,Xiao Y

The Inhibitory Activity of *Lactobacillus plantarum* Supernatant against Enterobacteria, Campylobacter, and Tumor Cells.

Bulletin of experimental biology and medicine , Volume: 176 Issue: 1 2023 Nov

Authors Danilova TA,Adzhieva AA,Mezentseva MV,Suetina IA,Danilina GA,Minko AG,Dmitrieva ML,Zhukhovitsky VG

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

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

Antimicrobial Efficacy of *Allium cepa* and *Zingiber officinale* Against the Milk-Borne Pathogen *Listeria monocytogenes*.

Journal of microbiology (Seoul, Korea) , Volume: 61 Issue: 11 2023 Nov

Authors Arasu A,Prabha N,Devi D,Issac PK,Alarjani KM,Al Farraj DA,Aljeidi RA,Hussein DS,Mohan M,Tayyeb JZ,Guru

A,Arockiaraj J

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

The Impact of Berberine Loaded Selenium Nanoparticles on *K. pneumoniae* and *Candida albicans* Antibiotics Resistance Isolates.

Archives of Razi Institute , Volume: 78 Issue: 3 2023 Jun

Authors Hasan MF,Jawad Kadhim M,Al-Awady MJ

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

Spices as Sustainable Food Preservatives: A Comprehensive Review of Their Antimicrobial Potential.**Pharmaceuticals (Basel, Switzerland) , Volume: 16 Issue: 10 2023 Oct 12**

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

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

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

Analysis of the Antibacterial Activity and the Total Phenolic and Flavonoid Contents of the Moringa oleifera Leaf Extract as an Antimicrobial Agent against Pseudomonas aeruginosa.**Scientifica , Volume: 2023 2023**

Authors Royani A, Hanafi M, Lotulung PDN, Julistiono H, Dinoto A, Manaf A

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

Berberine: An inspiring resource for the treatment of colorectal diseases.**Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 167 2023 Nov**

Authors Cao F, Xia W, Dai S, Wang C, Shi R, Yang Y, Guo C, Xu XL, Luo J

Phytochemical, antioxidant, and antibacterial activity of Moringa oleifera nanosuspension against peri-implantitis bacteria: An in vitro study.**Journal of oral biology and craniofacial research , Volume: 13 Issue: 6 2023 Nov-Dec**

Authors Nugraha AP, Triwardhani A, Sitalaksmi RM, Ramadhani NF, Luthfi M, Ulfa NM, Tengku Ahmad Noor TNEB

Genomic DNA Extracted from Lactiplantibacillus plantarum Attenuates Porphyromonas gingivalis Lipopolysaccharide (LPS)-Induced Inflammatory Responses via Suppression of Toll-Like Receptor (TLR)-Mediated Mitogen-Activated Protein Kinase (MAPK) and Nuclear Factor- κ B (NF- κ B) Signaling Pathways.**Food science of animal resources , Volume: 43 Issue: 5 2023 Sep**

Authors Choi YH, Kim BS, Kang SS

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

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

Whole-genome sequencing and antimicrobial potential of bacteria isolated from Polish honey.**Applied microbiology and biotechnology , Volume: 107 Issue: 20 2023 Oct**

Authors Hafeez AB, Pelka K, Buzun K, Worobo R, Szveda P

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

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, Karuppaiya P, Balakrishnan S, Sathyan A, Kumarasamy A, Raju A

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 biología , 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

Green label marinades: A solution to salmonella and campylobacter in chicken products?

Heliyon , Volume: 9 Issue: 7 2023 Jul

Authors Marmion M,Soro AB,Whyte P,Scannell AGM

Antibacterial and smear layer removal efficacy of moringa (Moringa oleifera): An in vitro study.

Journal of Taibah University Medical Sciences , Volume: 18 Issue: 6 2023 Dec

Authors Natsir N,Yonathan Y,Nugroho JJ,Trilaksana AC,Rovani CA,Tanumihardja M,Muslimin L

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

Cell-free supernatant of probiotic bacteria exerted antibiofilm and antibacterial activities against Pseudomonas aeruginosa: A novel biotic therapy.

Frontiers in pharmacology , Volume: 14 2023

Authors Drumond MM,Tapia-Costa AP,Neumann E,Nunes AC,Barbosa JW,Kassuha DE,Mancha-Agresti P

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-Mîndru RC,Dumitrel GA,Heghedus-Mîndru G,Popa M,Faur DM,Bâllici ?,Teodoru CA

The Impact of Smoking on Microbiota: A Narrative Review.

Biomedicines , Volume: 11 Issue: 4 2023 Apr 10

Authors Cicchinelli S,Rosa F,Manca F,Zanza C,Ojetti V,Covino M,Candelli M,Gasbarrini A,Franceschi F,Piccioni A

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

Carbohydrate polymers , Volume: 313 2023 Aug 1

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

Evaluation of antibacterial effect of the orthodontic composite containing propolis nanoparticles in rat as an animal model.

Folia medica , Volume: 65 Issue: 1 2023 Feb 28

Authors Imani Z,Sodağar A,Pourhajibagher M,Hosseinpour Nader A,Bahador A

Change of gut microbiome structure in preterm infants with hypoxic ischemic encephalopathy induced by apnea.

Pediatrics and neonatology , Volume: 64 Issue: 4 2023 Jul

Authors Chen G,Li F,Du J

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

Proximate Analysis of Moringa oleifera Leaves and the Antimicrobial Activities of Successive Leaf Ethanolic and Aqueous Extracts Compared with Green Chemically Synthesized Ag-NPs and Crude Aqueous Extract against Some Pathogens.

International journal of molecular sciences , Volume: 24 Issue: 4 2023 Feb 9

Authors Ahmed M,Marrez DA,Abdelmoeen NM,Mahmoud EA,Abdel-Shakur Ali M,Decsi K,Tóth Z

Inhibitory Activity of Essential Oils of Mentha spicata and Eucalyptus globulus on Biofilms of Streptococcus mutans in an In Vitro Model.

Antibiotics (Basel, Switzerland) , Volume: 12 Issue: 2 2023 Feb 10

Authors Landeo-Villanueva GE,Salazar-Salvatierra ME,Ruiz-Quiroz JR,Zuta-Arriola N,Jarama-Soto B,Herrera-Calderon O,Pari-Olarte JB,Loyola-Gonzales E

Intestinal microbial composition changes induced by Lactobacillus plantarum GBL 16, 17 fermented feed and intestinal immune homeostasis regulation in pigs.

Journal of animal science and technology , Volume: 64 Issue: 6 2022 Nov

Authors Yu DY,Oh SH,Kim IS,Kim GI,Kim JA,Moon YS,Jang JC,Lee SS,Jung JH,Park J,Cho KK

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,Suliman AME

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

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

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

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

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

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

Chemical Composition and Antimicrobial Activity of New Honey Varietals

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

Authors Kunat-Budzynska M,Rysiak A,Wiater A,Graz M,Andrejko M,Budzynski M,Brys MS,Sudzinski M,Tomczyk M,Gancarz M,Rusinek R,Ptaszynska AA

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 Coşeriu RL,Vintila C,Pribac M,Mare AD,Ciurea CN,Toganel RO,Cighir A,Simion A,Man A

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,Kanamaru MYS,de Souza FG,Duarte MCT,de Andrade CJ,Pastore GM

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

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 Querfelli M,Metón I,Codina-Torrella I,Almajano MP

Investigation of Immunostimulatory Effects of Heat-Treated *Lactiplantibacillus plantarum* LM1004 and Its Underlying Molecular Mechanism

Food science of animal resources , Volume: 42 Issue: 6 2022 Nov

Authors Bae WY,Jung WH,Shin SL,Kwon S,Sohn M,Kim TR

Curcumin carbon dots inhibit biofilm formation and expression of *esp* and *gelE* genes of *Enterococcus faecium*

Microbial pathogenesis , Volume: 173 Issue: Pt A 2022 Dec

Authors Sadaqat MH,Mobarez AM,Nikkhah M

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

The potential role of lactulose pharmacotherapy in the treatment and prevention of diabetes

Frontiers in endocrinology , Volume: 13 2022

Authors Chu N,Ling J,Jie H,Leung K,Poon E

Nigella sativa oil protects against cadmium-induced intestinal toxicity via promotion of anti-inflammatory mechanisms, mucin expression and microbiota integrity

Avicenna journal of phytomedicine , Volume: 12 Issue: 3 2022 May-Jun

Authors Akinrinde AS,Adekanmbi AO,Olojo FO

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

Biomaterials advances , Volume: 141 2022 Oct

Authors Mohammadi A,Sahabi M,Beigi-Boroujeni S,Abdolvand H,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,Abdeltawab 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

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

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

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

Antibacterial, antibiofilm, and antimotility signatures of some natural antimicrobials against Vibrio cholerae.

FEMS microbiology letters , Volume: 369 Issue: 1 2022 Nov 11

Authors Caigoy JC,Xedzro C,Kusalaruk W,Nakano H

Phytochemical Analysis and Antioxidant, Antibacterial, and Antifungal Effects of Essential Oil of Black Caraway (Nigella sativa L.) Seeds against Drug-Resistant Clinically Pathogenic Microorganisms.

BioMed research international , Volume: 2022 2022

Authors Zouirech O,Alyousef AA,El Barnossi A,El Moussaoui A,Bourhia M,Salamatullah AM,Ouahmane L,Giesy JP,Aboul-Soud MAM,Lyousi B,Derwich E

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

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

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

Effect of ellagic acid and mesocarp extract of Punica granatum on productive and reproductive performances of laying hens.

Tropical animal health and production , Volume: 54 Issue: 4 2022 Jul 9

Authors Gul H,Geng Z,Habib G,Hayat A,Rehman MU,Khan I

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 local application of thymoquinone, Nigella sativa's bioactive component, on bone healing in experimental bone defects infected with Porphyromonas gingivalis.

Journal of periodontal & implant science , Volume: 52 Issue: 3 2022 Jun

Authors Bastug AY,Tomruk CÖ,Güzel E,Özdemir I,Duygu G,Kütan E,Ülker GMY,Arici FÖ

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

Multi-Target Antibacterial Mechanism of Moringin From Moringa oleifera Seeds Against Listeria monocytogenes.

Frontiers in microbiology , Volume: 13 2022

Authors Wen Y,Li W,Su R,Yang M,Zhang N,Li X,Li L,Sheng J,Tian Y

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,Prelicean AM,Anton RE,Utoiu E,Oancea A,Craciunescu O,Cimpean A

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

The Antimicrobial Efficacy Against Selective Oral Microbes, Antioxidant Activity and Preliminary Phytochemical Screening of Zingiber officinale.

Infection and drug resistance , Volume: 15 2022

Authors Ahmed N,Karobari MI,Yousaf A,Mohamed RN,Arshad S,Basheer SN,Peeran SW,Noorani TY,Assiry AA,Alharbi AS,Yean CY

Characterization of a Novel Antimicrobial Peptide Isolated from Moringa oleifera Seed Protein Hydrolysates and Its Membrane Damaging Effects on Staphylococcus aureus.

Journal of agricultural and food chemistry , Volume: 70 Issue: 20 2022 May 25

Authors Zhao Q,He L,Wang X,Ding X,Li L,Tian Y,Huang A

Novel strategies of essential oils, chitosan, and nano- chitosan for inhibition of multi-drug resistant: E. coli O157:H7 and Listeria monocytogenes.

Saudi journal of biological sciences , Volume: 29 Issue: 4 2022 Apr

Authors El-Zehery HRA,Zaghloul RA,Abdel-Rahman HM,Salem AA,El-Dougdoug KA

Pomegranate juice alters the microbiota in breast milk and infant stool: a pilot study.

Food & function , Volume: 13 Issue: 10 2022 May 23

Authors Henning SM,Yang J,Lee RP,Huang J,Thames G,Korn M,Ben-Nissan D,Heber D,Li Z

Storage Stability and Consumer Acceptability of Dried Apple: Impact of Citric Acid, Potassium Sorbate and Moringa oleifera Leaf Extract Powder.

Foods (Basel, Switzerland) , Volume: 11 Issue: 7 2022 Mar 28

Authors Arendse W,Jideani V

In vitro evaluation of probiotic properties of lactic acid bacteria isolated from the vagina of yak (Bos grunniens).

PeerJ , Volume: 10 2022

Authors Zhang Q,Pan Y,Wang M,Sun L,Xi Y,Li M,Zeng Q

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

Antibacterial efficacies and time-kill kinetics of indigenous Ghanaian spice extracts against Listeria monocytogenes and some other food-borne pathogenic bacteria.

Microbiological research , Volume: 258 2022 May

Authors Xedzro C,Tano-Debrah K,Nakano H

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 pharmaceuticals , 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

Antimicrobial, immunological and biochemical effects of florfenicol and garlic (Allium sativum) on rabbits infected with Escherichia coli serotype O55: H7.

Veterinary research communications , 2021 Nov 10

Authors Farag VM,El-Shafei RA,Ekenany RM,Ali HS,Eladi AH

Synergistic Antibiofilm Effect of Thymol and Piperine in Combination with Aminoglycosides Antibiotics against Four Salmonella enterica Serovars.

Evidence-based complementary and alternative medicine : eCAM , Volume: 2021 2021

Authors Tokam Kuaté CR,Bisso Ndezo B,Dzoyem JP

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

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 GJ,Scaria J

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

Low-Dose Lactulose as a Prebiotic for Improved Gut Health and Enhanced Mineral Absorption.

Frontiers in nutrition , Volume: 8 2021

Authors Karakan T,Tuohy KM,Janssen-van Solingen 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

Effects of Smoking on Inflammatory Markers in a Healthy Population as Analyzed via the Gut Microbiota.

Frontiers in cellular and infection microbiology , Volume: 11 2021

Authors Yan S,Ma Z,Jiao M,Wang Y,Li A,Ding S

Promiscuous Pseudomonas: Uptake of Non-Endogenous Ligands for Iron Acquisition.

Tetrahedron letters , Volume: 75 2021 Jul 6

Authors Kaplan AR,Wuest WM

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

Imbalanced dietary intake alters the colonic microbial profile in growing rats.**PloS one** , Volume: 16 Issue: 6 2021

Authors Jung TH,Han KS

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

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

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

Inhibitory effect of black cumin (Nigella sativa) seed essential oil on Fusobacterium nucleatum L-methionine- γ -lyase (L-methioninase) activity.**FEMS microbiology letters** , Volume: 368 Issue: 7 2021 May 3

Authors Ishikawa M,Murata T,Okamoto M,Miyanohara M,Yamashita M,Hanada N,Senpuku H,Shibuya K

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

Phytochemical analysis of medicinal plants of Nepal and their antibacterial and antibiofilm activities against uropathogenic Escherichia coli.**BMC complementary medicine and therapies** , Volume: 21 Issue: 1 2021 Apr 9

Authors Bhandari S,Khadayat K,Poudel S,Shrestha S,Shrestha R,Devkota P,Khanal S,Marasini BP

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

Ramadan Fasting Leads to Shifts in Human Gut Microbiota Structured by Dietary Composition.**Frontiers in microbiology** , Volume: 12 2021

Authors Ali I,Liu K,Long D,Faisal S,Hilal MG,Ali I,Huang X,Long R

Assessment of Antimicrobial Activity of Pomegranate, Cranberry, and Black Chokeberry Extracts against Foodborne Pathogens.**Foods (Basel, Switzerland)** , Volume: 10 Issue: 3 2021 Feb 24

Authors Daoutidou M,Plessas S,Alexopoulos A,Mantzourani I

Berberine Promotes Induction of Immunological Tolerance to an Allograft via Downregulating Memory CD8(+) T-Cells Through Altering the Gut Microbiota.**Frontiers in immunology** , Volume: 12 2021

Authors Qiu F, Lu W, Ye S, Liu H, Zeng Q, Huang H, Liang CL, Chen Y, Zheng F, Zhang Q, Lu CJ, Dai Z

Antibiofilm effects of *Thymus vulgaris* and *Hyptis spicigera* essential oils on cariogenic bacteria.

Future microbiology , Volume: 16 2021 Mar

Authors de Oliveira MA, da C Vegian MR, Brighenti FL, Salvador MJ, Koga-Ito CY

Effect of probiotic *Lactobacillus plantarum* Dad-13 powder consumption on the gut microbiota and intestinal health of overweight adults.

World journal of gastroenterology , Volume: 27 Issue: 1 2021 Jan 7

Authors Rahayu ES, Mariyatun M, Putri Manurung NE, Hasan PN, Therdtatha P, Mishima R, Komalasari H, Mahfuzah

NA, Pamungkaningtyas FH, Yoga WK, Nurfiana DA, Liwan SY, Juffrie M, Nugroho AE, Utami T

The antimicrobial capacity of *Cistus salviifolius* and *Punica granatum* plant extracts against clinical pathogens is related to their polyphenolic composition.

Scientific reports , Volume: 11 Issue: 1 2021 Jan 12

Authors Álvarez-Martínez FJ, Rodríguez JC, Borrás-Rocher F, Barrajón-Catalán E, Micol V

Effects of Iron and Zinc Biofortified Foods on Gut Microbiota In Vivo (*Gallus gallus*): A Systematic Review.

Nutrients , Volume: 13 Issue: 1 2021 Jan 9

Authors Juste Contin Gomes M, Stampini Duarte Martino H, Tako E

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

Diallyl sulfide from garlic suppresses quorum-sensing systems of *Pseudomonas aeruginosa* and enhances biosynthesis of three B vitamins through its thioether group.

Microbial biotechnology , Volume: 14 Issue: 2 2021 Mar

Authors Li WR, Zeng TH, Yao JW, Zhu LP, Zhang ZQ, Xie XB, Shi QS

Characterization, activities, and ethnobotanical uses of *Mentha* species in Morocco.

Heliyon , Volume: 6 Issue: 11 2020 Nov

Authors El Hassani FZ

[Synergistic Antibacterial Activity of Berberine in Combination with Amylmetacresol Against *Enterococcus faecalis* in vitro].

Sichuan da xue xue bao. Yi xue ban = Journal of Sichuan University. Medical science edition , Volume: 51 Issue: 6 2020 Nov

Authors Gong T, Cui YJ, Zhou XD, Tang BY, Ren B, Li YQ

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

A comparative evaluation of the antibacterial efficacy of *Thymus vulgaris*, *Salvadora persica*, *Acacia nilotica*, *Calendula arvensis*, and 5% sodium hypochlorite against *Enterococcus faecalis*: An in-vitro study.

Journal of conservative dentistry : JCD , Volume: 23 Issue: 1 2020 Jan-Feb

Authors Gupta D, Kamat S, Hugar S, Nanjannawar G, Kulkarni R

Lactobacillus plantarum relieves diarrhea caused by enterotoxin-producing *Escherichia coli* through inflammation modulation and gut microbiota regulation.

Food & function , Volume: 11 Issue: 12 2020 Dec 1

Authors Yue Y, He Z, Zhou Y, Ross RP, Stanton C, Zhao J, Zhang H, Yang B, Chen W

Effect of Five Commercial Probiotic Formulations on *Candida Albicans* Growth: In Vitro Study.

The Journal of clinical pediatric dentistry , Volume: 44 Issue: 5 2020 Sep 1

Authors Hernández-Bautista LM, Márquez-Preciado R, Ortiz-Magdaleno M, Pozos-Guillén A, Aranda-Romo S, Sánchez-Vargas LO

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, Tvrdá 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

Inhibition of *Staphylococcus aureus* LC554891 by *Moringa oleifera* Seed Extract either Singly or in Combination with Antibiotics.

Molecules (Basel, Switzerland) , Volume: 25 Issue: 19 2020 Oct 7

Authors Enan G,Al-Mohammadi AR,Mahgoub S,Abdel-Shafi S,Askar E,Ghaly MF,Taha MA,El-Gazzar N

[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

[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

[Modulatory Effects of Triphala and Manjistha Dietary Supplementation on Human Gut Microbiota: A Double-Blind, Randomized, Placebo-Controlled Pilot Study.](#)

Journal of alternative and complementary medicine (New York, N.Y.) , 2020 Sep 18

Authors Peterson CT,Pourang A,Dhaliwal S,Kohn JN,Uchitel S,Singh H,Mills PJ,Peterson SN,Sivamani RK

[Effects of Brazilian green propolis extract on planktonic cells and biofilms of multidrug-resistant strains of Klebsiella pneumoniae and Pseudomonas aeruginosa.](#)

Biofouling , Volume: 36 Issue: 7 2020 Aug

Authors Santos PBDRED,Ávila DDS,Ramos LP,Yu AR,Santos CEDR,Berretta AA,Camargo SEA,Oliveira JR,Oliveira LD

[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,Mejia 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

[In vitro Synergy of Polyphenolic Extracts From Honey, Myrtle and Pomegranate Against Oral Pathogens, S. mutans and R. dentocariosa.](#)

Frontiers in microbiology , Volume: 11 2020

Authors Sateriale D,Facchiano S,Colicchio R,Pagliuca C,Varricchio E,Paolucci M,Volpe MG,Salvatore P,Pagiarulo C

[TLC bioautography-guided isolation of essential oil components of cinnamon and clove and assessment of their antimicrobial and antioxidant potential in combination.](#)

Environmental science and pollution research international , Volume: 28 Issue: 1 2021 Jan

Authors Purkait S,Bhattacharya A,Bag A,Chattopadhyay RR

[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

[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

[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 pneumonia].

Annales pharmaceutiques francaises , Volume: 79 Issue: 1 2021 Jan

Authors Akroum S

Antioxidant and antimicrobial activity of red propolis embedded mesoporous silica nanoparticles.

Drug development and industrial pharmacy , Volume: 46 Issue: 7 2020 Jul

Authors Azevedo de M Oliveira LF,Teles da Silva LVA,do Nascimento TG,de Almeida LM,Calumby RJN,Nunes ÁM,de Magalhães Oliveira LMT,da Silva Fonseca EJ

Thyroid-Gut-Axis: How Does the Microbiota Influence Thyroid Function?

Nutrients , Volume: 12 Issue: 6 2020 Jun 12

Authors Knezevic J,Starchl C,Tmava Berisha A,Amrein K

Innate Immune Response against Staphylococcus aureus Preincubated with Subinhibitory Concentration of trans-Anethole.

International journal of molecular sciences , Volume: 21 Issue: 11 2020 Jun 11

Authors Kwiatkowski P,Wojciuk B,Wojciechowska-Koszko I,Lopusiewicz L,Grygorcewicz B,Pruss A,Sienkiewicz M,Fijalkowski K,Kowalczyk E,Dolegowska B

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

Curcuma longa L. (turmeric), Rosmarinus officinalis L. (rosemary), and Thymus vulgaris L. (thyme) extracts aid murine macrophages (RAW 264.7) to fight Streptococcus mutans during in vitro infection.

Archives of microbiology , Volume: 202 Issue: 8 2020 Oct

Authors Figueira LW,de Oliveira JR,Camargo SEA,de Oliveira LD

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

Growth Inhibitory Effects of Antimicrobial Natural Products against Cariogenic and Health-Associated Oral Bacterial Species.

Oral health & preventive dentistry , Volume: 18 Issue: 3 2020 Jul 4

Authors Philip N,Leishman S,Bandara H,Walsh 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

Berberine Damages the Cell Surface of Methicillin-Resistant Staphylococcus aureus.

Frontiers in microbiology , Volume: 11 2020

Authors Zhang X,Sun X,Wu J,Wu Y,Wang Y,Hu X,Wang X

[Discussion on the curative effect and mechanisms of berberine in rats with non-alcoholic fatty liver].

Zhonghua gan zang bing za zhi = Zhonghua ganzangbing zazhi = Chinese journal of hepatology , Volume: 28 Issue: 4 2020 Apr 20

Authors Li DH,Liu YT,Hao SR,Zheng JM,Hou HT,Wang YZ

Phytochemical Study and Antibacterial and Antibiotic Modulation Activity of Punica granatum (Pomegranate) Leaves.

Scientifica , Volume: 2020 2020

Authors Trabelsi A,El Kaibi MA,Abbassi A,Horchani A,Chekir-Ghedira L,Ghedira K

Identification of essential oils with activity against stationary phase Staphylococcus aureus.

BMC complementary medicine and therapies , Volume: 20 Issue: 1 2020 Mar 24

Authors Xiao S,Cui P,Shi W,Zhang Y

[Antibacterial activity of phellodendron bark against Streptococcus mutans.](#)

Microbiology and immunology , Volume: 64 Issue: 6 2020 Jun

Authors Tsujii T,Kawada-Matsuo M,Migita H,Ohta K,Oogai Y,Yamasaki Y,Komatsuzawa H

[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

[Use of A Hydroalcoholic Extract of Moringa oleifera Leaves for the Green Synthesis of Bismuth Nanoparticles and Evaluation of Their Anti-Microbial and Antioxidant Activities.](#)

Materials (Basel, Switzerland) , Volume: 13 Issue: 4 2020 Feb 15

Authors Das PE,Majdalawieh AF,Abu-Yousef IA,Narasimhan S,Poltronieri P

[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

[Green Synthesis of Encapsulated Copper Nanoparticles Using a Hydroalcoholic Extract of Moringa oleifera Leaves and Assessment of Their Antioxidant and Antimicrobial Activities.](#)

Molecules (Basel, Switzerland) , Volume: 25 Issue: 3 2020 Jan 28

Authors Das PE,Abu-Yousef IA,Majdalawieh AF,Narasimhan S,Poltronieri P

[Elucidation of the potential of Moringa oleifera leaves extract as a novel alternate to the chemical coagulant in water treatment process.](#)

Water environment research : a research publication of the Water Environment Federation , Volume: 92 Issue: 7 2020 Jul

Authors Pandey P,Khan F,Mishra R,Singh SK

[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

[The Structure Features and Improving Effects of Polysaccharide from Astragalus membranaceus on Antibiotic-Associated Diarrhea.](#)

Antibiotics (Basel, Switzerland) , Volume: 9 Issue: 1 2019 Dec 23

Authors Li S,Qi Y,Ren D,Qu D,Sun Y

[Effect of dietary Moringa oleifera leaves on the performance, ileal microbiota and antioxidative status of broiler chickens.](#)

Journal of animal physiology and animal nutrition , Volume: 104 Issue: 2 2020 Mar

Authors Abu Hafsa SH,Ibrahim SA,Eid YZ,Hassan AA

[Changes in human gut microbiota composition are linked to the energy metabolic switch during 10 d of Buchinger fasting.](#)

Journal of nutritional science , Volume: 8 2019

Authors Mesnage R,Grundler F,Schwiertz A,Le Maho Y,Wilhelmi de Toledo F

[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

[Effects of Lactobacillus plantarum on the intestinal morphology, intestinal barrier function and microbiota composition of suckling piglets.](#)

Journal of animal physiology and animal nutrition , 2019 Sep 9

Authors Wang Q,Sun Q,Qi R,Wang J,Qiu X,Liu Z,Huang J

[Immunomodulatory Effects of Lactobacillus plantarum on Inflammatory Response Induced by Klebsiella pneumoniae.](#)

Infection and immunity , Volume: 87 Issue: 11 2019 Nov

Authors Vareille-Delarbre M,Miquel S,Garcin S,Bertran T,Balestrino D,Evrard B,Forestier C

[Inhibition of Escherichia coli adhesion to human intestinal Caco-2?cells by probiotic candidate Lactobacillus plantarum strain L15.](#)

Microbial pathogenesis , Volume: 136 2019 Nov

Authors Alizadeh Behbahani B,Noshad M,Falah F

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

Sensitivity of Listeria monocytogenes to Selected Spices.**Journal of food protection , Volume: 56 Issue: 10 1993 Oct**

Authors Hefnawy YA,Moustafa SI,Marth EH

Fermented Momordica charantia L. juice modulates hyperglycemia, lipid profile, and gut microbiota in type 2 diabetic rats.**Food research international (Ottawa, Ont.) , Volume: 121 2019 Jul**

Authors Gao H,Wen JJ,Hu JL,Nie QX,Chen HH,Xiong T,Nie SP,Xie MY

Administration of the Probiotic Escherichia coli Strain A0 34/86 Resulted in a Stable Colonization of the Human Intestine During the First Year of Life.**Probiotics and antimicrobial proteins , Volume: 12 Issue: 2 2020 Jun**

Authors Mícenková L,Bosák J,Smatana S,Novotný A,Budinská E,Šmajs D

Home style frying of steak and meat products: Survival of Escherichia coli related to dynamic temperature profiles.**International journal of food microbiology , Volume: 300 2019 Jul 2**

Authors Pesciaroli M,Chardon JE,Delfgou EHM,Kuijpers AFA,Wijnands LM,Evers EG

Purification and Characterization of Plantaricin ZJ316, a Novel Bacteriocin against Listeria monocytogenes from Lactobacillus plantarum ZJ316.**Journal of food protection , Volume: 81 Issue: 12 2018 Dec**

Authors Chen L,Gu Q,Li P,Li Y,Song D,Yang J

Identification of factors involved in Enterococcus faecalis biofilm under quercetin stress.**Microbial pathogenesis , Volume: 126 2019 Jan**

Authors Qayyum S,Sharma D,Bisht D,Khan AU

Antimicrobial activity of spices essential oils and its effectiveness on mature biofilms of human pathogens.**Natural product research , 2018 Oct 13**

Authors Condò C,Anacorso 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

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

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

In vitro investigation of antimicrobial activities of ethnomedicinal plants against dental caries pathogens.**3 Biotech , Volume: 8 Issue: 5 2018 May**

Authors Besra M,Kumar V

Antagonistic effect of isolated probiotic bacteria from natural sources against intestinal Escherichia coli pathotypes.**Electronic physician , Volume: 10 Issue: 3 2018 Mar**

Authors Karimi S,Rashidian E,Birjandi M,Mahmoodnia L

Screening and characterization of selected drugs having antibacterial potential.

Pakistan journal of pharmaceutical sciences , Volume: 31 Issue: 3 2018 May

Authors Javed H,Tabassum S,Erum S,Murtaza I,Muhammad A,Amin F,Nisar MF

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

The bacterium *Pseudomonas aeruginosa* senses and gradually responds to interspecific competition for iron.

Evolution; international journal of organic evolution , 2018 Apr 17

Authors Leinweber A,Weigert M,Kümmerli R

Quercetin inhibits NTHI-triggered CXCR4 activation through suppressing IKK α /NF- κ 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

Molecular Modelling reveals the inhibition mechanism and structure-activity relationship of curcumin and its analogues to *Staphylococcus 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

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

Endophytic Detection in Selected European Herbal Plants.

Polish journal of microbiology , Volume: 65 Issue: 3 2016 Aug 26

Authors Goryluk-Salmonowicz A,Piórek M,Rekosz-Burlaga H,Studnicki M,Blaszczyk M

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

Traditionally used herbal medicines with antibacterial effect on *Aggregatibacter actinomycetemcomitans*: *Boswellia serrata* and *Nigella sativa*.

Journal of Indian Society of Periodontology , Volume: 20 Issue: 6 2016 Nov-Dec

Authors Maraghehpour B,Khayamzadeh M,Najafi S,Kharazifard M

An *in vitro* Comparative Evaluation of Efficacy of Disinfecting Ability of Garlic Oil, Neem Oil, Clove Oil, and Tulsi Oil with autoclaving on Endodontic K Files tested against *Enterococcus faecalis*.

International journal of clinical pediatric dentistry , Volume: 10 Issue: 3 2017 Jul-Sep

Authors Hugar S,M Patel P,Nagmoti J,Uppin C,Mistry L,Dhariwal N

In-vitro antimicrobial activity and identification of bioactive components using GC-MS of commercially available essential oils in Saudi Arabia.

Journal of food science and technology , Volume: 54 Issue: 12 2017 Nov

Authors Ashraf SA,Al-Shammari E,Hussain T,Tajuddin S,Panda BP

The effects of iron fortification and supplementation on the gut microbiome and diarrhea in infants and children: a review.

The American journal of clinical nutrition , Volume: 106 Issue: Suppl 6 2017 Dec

Authors Paganini D,Zimmermann MB

Study of anticancer and antibacterial activities of *Foeniculum vulgare*, *Justicia adhatoda* and *Urtica dioica* as natural curatives.

Cellular and molecular biology (Noisy-le-Grand, France) , Volume: 63 Issue: 9 2017 Sep 30

Authors Batool R,Salahuddin H,Mahmood T,Ismail M

Antimicrobial Activity of Honey with Special Reference to Methicillin Resistant *Staphylococcus aureus* (MRSA) and Methicillin Sensitive *Staphylococcus aureus* (MSSA).

Journal of clinical and diagnostic research : JCDR , Volume: 11 Issue: 8 2017 Aug

Authors Rani GN,Budumuru R,Bandaru NR

Synergistic effect of *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 Semeniac CA,Pop CR,Rotar AM

Characterization of an antimicrobial substance produced by Lactobacillus plantarum NTU 102.

Journal of microbiology, immunology, and infection = Wei mian yu gan ran za zhi , 2017 Aug 29

Authors Lin TH,Pan TM

Effect of Probiotic Lactobacilli on the Growth of Streptococcus Mutans and Multispecies Biofilms Isolated from Children with Active Caries.

Medical science monitor : international medical journal of experimental and clinical research , Volume: 23 2017 Aug 30

Authors Lin X,Chen X,Tu Y,Wang S,Chen H

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

Monitoring <i>in vitro</i> 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

Berberine protects against diet-induced obesity through regulating metabolic endotoxemia and gut hormone levels.

Molecular medicine reports , Volume: 15 Issue: 5 2017 May

Authors Xu JH,Liu XZ,Pan W,Zou DJ

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

Good Bugs vs Bad Bugs: Evaluation of Inhibitory Effect of Selected Probiotics against Enterococcus faecalis.

The journal of contemporary dental practice , Volume: 18 Issue: 4 2017 Apr 1

Authors Bohora AA,Kokate SR

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

Assessment of safe bioactive doses of Foeniculum vulgare Mill. essential oil from Portugal.

Natural product research , Volume: 31 Issue: 22 2017 Nov

Authors Cabral C,Miranda M,Gonçalves MJ,Cavaleiro C,Cruz MT,Salgueiro L

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,Soltani 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

Effect of Addition of Curcumin Nanoparticles on Antimicrobial Property and Shear Bond Strength of Orthodontic Composite to Bovine Enamel.

Journal of dentistry (Tehran, Iran) , Volume: 13 Issue: 5 2016 Sep

Authors Sodağar A,Bahador A,Pourhajibagher M,Ahmadi B,Baghaeian P

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

Breaking the resistance of Escherichia coli: Antimicrobial activity of Berberis lycium Royle.

Microbial pathogenesis , Volume: 102 2017 Jan

Authors Malik TA,Kamili AN,Chishti MZ,Ahad S,Tantry MA,Hussain PR,Johri RK

Insights from 100 Years of Research with Probiotic E. Coli

European Journal of Microbiology & Immunology , Volume: 6 Issue: 3 2016 Sep 29

Authors Wassenaar TM

Antibacterial in vitro effects of preparations from Anthroposophical Medicine.

BMC complementary and alternative medicine , Volume: 16 Issue: 1 2016 Sep 22

Authors Roser E,Gründemann C,Engels I,Huber R

In vitro activity of plant extracts against biofilm-producing food-related bacteria.

International journal of food microbiology , Volume: 238 2016 Dec 5

Authors Nostro A,Guerrini A,Marino A,Tacchini M,Di Giulio M,Grandini A,Akin M,Cellini L,Bisignano G,Saraçoğlu HT

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

Berberine Is a Novel Type Efflux Inhibitor Which Attenuates the MexXY-Mediated Aminoglycoside Resistance in Pseudomonas aeruginosa.

Frontiers in microbiology , Volume: 7 2016

Authors Morita Y,Nakashima K,Nishino K,Kotani K,Tomida J,Inoue M,Kawamura Y

Iron Fortification of Foods for Infants and Children in Low-Income Countries: Effects on the Gut Microbiome, Gut Inflammation, and Diarrhea.

Nutrients , Volume: 8 Issue: 8 2016 Aug 12

Authors Paganini D,Uyoga MA,Zimmermann MB

Antimicrobial effects of Lactobacillus plantarum and Lactobacillus acidophilus against multidrug-resistant enteroaggregative Escherichia coli.

International journal of antimicrobial agents , Volume: 48 Issue: 3 2016 Sep

Authors Kumar M,Dhaka P,Vijay D,Vergis J,Mohan V,Kumar A,Kurkure NV,Barbuddhe SB,Malik SV,Rawool DB

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

Physical and antimicrobial properties of cinnamon bark oil co-nanoemulsified by lauric arginate and Tween 80.

International journal of food microbiology , Volume: 233 2016 Sep 16

Authors Hilbig J,Ma Q,Davidson PM,Weiss J,Zhong Q

The effect of berberine hydrochloride on Enterococcus faecalis biofilm formation and dispersion in vitro.

Microbiological research , Volume: 186-187 2016 May-Jun

Authors Chen L,Bu Q,Xu H,Liu Y,She P,Tan R,Wu Y

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

Exposure to TiO2 nanoparticles increases Staphylococcus aureus infection of HeLa cells.

Journal of nanobiotechnology , Volume: 14 2016 Apr 22

Authors Xu Y,Wei MT,Ou-Yang HD,Walker SG,Wang HZ,Gordon CR,Guterman S,Zawacki E,Applebaum E,Brink PR,Rafailovich M,Mironava T

Gas chromatography coupled with mass spectrometric characterization of Curcuma longa: Protection against pathogenic microbes and lipid peroxidation in rat's tissue homogenate.

Pakistan journal of pharmaceutical sciences , Volume: 29 Issue: 2 2016 Mar

Authors Hassan W,Gul S,Rehman S,Kanwal F,Afridi MS,Fazal H,Shah Z,Rahman A,da Rocha JB

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

Antimicrobial activity of herbal medicines (tulsi extract, neem extract) and chlorhexidine against Enterococcus faecalis in Endodontics: An in vitro study.

Journal of International Society of Preventive & Community Dentistry , Volume: 5 Issue: Suppl 2 2015 Dec

Authors Chandrappa PM,Dupper A,Tripathi P,Arrojo R,Sharma P,Sulochana K

Lactobacillus plantarum NCU116 attenuates cyclophosphamide-induced intestinal mucosal injury, metabolism and intestinal microbiota disorders in mice.

Food & function , Volume: 7 Issue: 3 2016 Mar

Authors Xie JH,Fan ST,Nie SP,Yu Q,Xiong T,Gong D,Xie MY

In Vitro Antimicrobial Activity of Spices and Medicinal Herbs against Selected Microbes Associated with Juices.

International journal of microbiology , Volume: 2016 2016

Authors Dhiman R,Aggarwal N,Aneja KR,Kaur M

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

Evaluation of probiotic properties of Lactobacillus plantarum WLPL04 isolated from human breast milk.

Journal of dairy science , Volume: 99 Issue: 3 2016 Mar

Authors Jiang M,Zhang F,Wan C,Xiong Y,Shah NP,Wei H,Tao X

Antibacterial Activity of Probiotic Lactobacillus plantarum HK01: Effect of Divalent Metal Cations and Food Additives on Production Efficiency of Antibacterial Compounds.

Probiotics and antimicrobial proteins , Volume: 5 Issue: 2 2013 Jun

Authors Sharafi H,Alidost L,Lababpour A,Shahbani Zahiri H,Abbasi H,Vali H,Akbari Noghabi K

Probiotic Characteristics of Lactobacillus plantarum FH185 Isolated from Human Feces.

Korean journal for food science of animal resources , Volume: 35 Issue: 5 2015

Authors Park SY,Lim SD

An in vitro evaluation of antimicrobial activity of five herbal extracts and comparison of their activity with 2.5% sodium hypochlorite against Enterococcus faecalis.

Indian journal of dental research : official publication of Indian Society for Dental Research , Volume: 26 Issue: 5 2015 Sep-Oct

Authors Saxena D,Saha SG,Saha MK,Dubey S,Khatri 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

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

Bacteriocin-producing strains of Lactobacillus plantarum inhibit adhesion of Staphylococcus aureus to extracellular matrix: quantitative insight and implications in antibacterial therapy.

Journal of medical microbiology , Volume: 64 Issue: 12 2015 Dec

Authors Mukherjee S,Ramesh A

Health-promoting value and food applications of black cumin essential oil: an overview.

Journal of food science and technology , Volume: 52 Issue: 10 2015 Oct

Authors Hassanien MF,Assiri AM,Alzohairy AM,Oraby HF

Antibacterial activity of cinnamaldehyde and clove oil: effect on selected foodborne pathogens in model food systems and watermelon juice.

Journal of food science and technology , Volume: 52 Issue: 9 2015 Sep

Authors Siddiqua S, Anusha BA, Ashwini LS, Negi PS

[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- \$\kappa\$ B Signaling Pathway.](#)

Evidence-based complementary and alternative medicine : eCAM , Volume: 2015 2015

Authors Oliveira T, Figueiredo CA, Brito C, Stavroullakis A, Ferreira AC, Nogueira-Filho G, Prakki A

[TLC-Direct Bioautography as a Bioassay Guided Method for Investigation of Antibacterial Compounds in Hypericum perforatum L.](#)

Journal of AOAC International , Volume: 98 Issue: 4 2015 Jul-Aug

Authors Jesionek W, Móricz ÁM, Alberti Á, Ott PG, Kocsis B, Horváth G, Choma IM

[In Vitro Activity of Epigallocatechin Gallate and Quercetin Alone and in Combination versus Clinical Isolates of Methicillin-Resistant Staphylococcus aureus.](#)

Journal of natural products , Volume: 78 Issue: 8 2015 Aug 28

Authors Betts JW, Sharili AS, Phee LM, Wareham DW

[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

[Composition and Comprehensive Antioxidant Activity of Ginger \(Zingiber officinale\) Essential Oil from Ecuador.](#)

Natural product communications , Volume: 10 Issue: 6 2015 Jun

Authors Höferl M, Stoilova I, Wanner J, Schmidt E, Jirovetz L, Trifonova D, Stanchev V, Krastanov A

[Antibacterial activity and mechanism of berberine against Streptococcus agalactiae.](#)

International journal of clinical and experimental pathology , Volume: 8 Issue: 5 2015

Authors Peng L, Kang S, Yin Z, Jia R, Song X, Li L, Li Z, Zou Y, Liang X, Li L, He C, Ye G, Yin L, Shi F, Lv C, Jing B

[Pomegranate extract induces ellagitannin metabolite formation and changes stool microbiota in healthy volunteers.](#)

Food & function , Volume: 6 Issue: 8 2015 Aug

Authors Li Z, Henning SM, Lee RP, Lu QY, Summanen PH, Thames G, Corbett K, Downes J, Tseng CH, Finegold SM, Heber D

[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

[In vitro probiotic characteristics of Lactobacillus plantarum ZDY 2013 and its modulatory effect on gut microbiota of mice.](#)

Journal of dairy science , Volume: 98 Issue: 9 2015 Sep

Authors Huang R, Tao X, Wan C, Li S, Xu H, Xu F, Shah NP, Wei H

[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 Activity of Pomegranate and Green Tea Extract on Propionibacterium Acnes, Propionibacterium Granulosum, Staphylococcus Aureus and Staphylococcus Epidermidis.](#)

Journal of drugs in dermatology : JDD , Volume: 14 Issue: 6 2015 Jun

Authors Li Z, Summanen PH, Downes J, Corbett K, Komoriya T, Henning SM, Kim J, Finegold SM

[Antimicrobial Impacts of Essential Oils on Food Borne-Pathogens.](#)

Recent patents on food, nutrition & agriculture , Volume: 7 Issue: 1 2015

Authors Ozogul Y, Kuley E, Ucar Y, Ozogul F

[Effectiveness of inactivation of foodborne pathogens during simulated home pan frying of steak, hamburger or meat strips.](#)

International journal of food microbiology , Volume: 206 2015 Aug 3

Authors Lahou E, Wang X, De Boeck E, Verguldt E, Geeraerd A, Devlieghere F, Uyttendaele M

[Antimicrobial activity and chemical composition of the essential oils of Portuguese Foeniculum vulgare fruits.](#)

Natural product communications , Volume: 10 Issue: 4 2015 Apr

Authors Mota AS, Martins MR, Arantes S, Lopes VR, Bettencourt E, Pombal S, Gomes AC, Silva LA

[Immunomodulation and anti-inflammatory effects of garlic compounds.](#)

Journal of immunology research , Volume: 2015 2015

Authors Arreola R, Quintero-Fabián S, López-Roa RI, Flores-Gutiérrez EO, Reyes-Grajeda JP, Carrera-Quintanar L, Ortuño-Sahagún D

[Quercetin Potently Reduces Biofilm Formation of the Strain Pseudomonas aeruginosa PAO1 in vitro.](#)

Current pharmaceutical biotechnology , Volume: 16 Issue: 8 2015

Authors Pejcin B, Ćirić A, Marković 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

Comparative Evaluation of Antibacterial Efficacy of Six Indian Plant Extracts against Streptococcus Mutans.**Journal of clinical and diagnostic research : JCDR** , Volume: 9 Issue: 2 2015 Feb

Authors Jain I,Jain P,Bisht D,Sharma A,Srivastava B,Gupta N

High-performance thin-layer chromatography linked with (bio)assays and mass spectrometry - a suited method for discovery and quantification of bioactive components? Exemplarily shown for turmeric and milk thistle extracts.**Journal of chromatography. A** , Volume: 1394 2015 May 15

Authors Taha MN,Krawinkel MB,Morlock GE

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,Patrighani F,Gardini F,Lanciotti R

Allidin from garlic inhibits the biofilm formation and urease activity of Proteus mirabilis in vitro.**FEMS microbiology letters** , Volume: 362 Issue: 9 2015 May

Authors Ranjbar-Omid M,Arzanlou M,Amani M,Shokri Al-Hashem SK,Amir Mozafari N,Peeri Doghaheh H

Empirical prediction and validation of antibacterial inhibitory effects of various plant essential oils on common pathogenic bacteria.**International journal of food microbiology** , Volume: 202 2015 Jun 2

Authors Akdemir Evrendilek G

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

Anti-inflammatory effect of garlic 14-kDa protein on LPS-stimulated-J774A.1 macrophages.**Immunopharmacology and immunotoxicology** , Volume: 37 Issue: 2 2015 Apr

Authors Rabe SZ,Ghazanfari T,Siadat Z,Rastin M,Rabe SZ,Mahmoudi M

Probiotic potential of lactobacillus strains isolated from sorghum-based traditional fermented food.**Probiotics and antimicrobial proteins** , Volume: 7 Issue: 2 2015 Jun

Authors Rao KP,Chennappa G,Suraj U,Nagaraja H,Raj AP,Sreenivasa MY

The impact of oral consumption of Lactobacillus plantarum P-8 on faecal bacteria revealed by pyrosequencing.**Beneficial microbes** , Volume: 6 Issue: 4 2015

Authors Kwok LY,Guo Z,Zhang J,Wang L,Qiao J,Hou Q,Zheng Y,Zhang H

Efficacy of contemporary and novel Intracanal medicaments against enterococcus faecalis.**The Journal of clinical pediatric dentistry** , Volume: 39 Issue: 1 2014 Fall

Authors Marickar RF,Geetha RV,Neelakantan P

Antimicrobial and antioxidant activities and chemical characterization of essential oils of Thymusvulgaris, 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

Inhibitory effects of different lactobacilli on Candida albicans hyphal formation and biofilm development.**Journal of biological regulators and homeostatic agents** , Volume: 28 Issue: 4 2014 Oct-Dec

Authors Orsi CF,Sabia C,Ardizzoni A,Colombi B,Neglia RG,Peppoloni S,Morace G,Blasi E

Bioanalytical evaluation of Cinnamomum zeylanicum essential oil.**Natural product research** , Volume: 29 Issue: 19 2015

Authors Saleem M,Bhatti HN,Jilani MI,Hanif MA

Curcumin attenuated acute Propionibacterium acnes-induced liver injury through inhibition of HMGB1 expression in mice.**International immunopharmacology** , Volume: 24 Issue: 2 2015 Feb

Authors Gu Q,Guan H,Shi Q,Zhang Y,Yang H

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,Głowacka A,Kowalczyk E,Lysakowska M,Sienkiewicz M

Antibacterial activity of bark extracts of *Moringa oleifera* Lam. against some selected bacteria.

Pakistan journal of pharmaceutical sciences , Volume: 27 Issue: 6 2014 Nov

Authors Zaffer M,Ahmad S,Sharma R,Mahajan S,Gupta A,Agnihotri RK

In vitro fermentation of lactulose by human gut bacteria.

Journal of agricultural and food chemistry , Volume: 62 Issue: 45 2014 Nov 12

Authors Mao B,Li D,Zhao J,Liu X,Gu Z,Chen YQ,Zhang H,Chen W

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 tecnologia de los alimentos internacional , Volume: 21 Issue: 8 2015 Dec

Authors da Silva Luz I,Gomes-Neto NJ,Magnani M,de Souza EL

Retardation of *Listeria monocytogenes* growth in mozzarella cheese using antimicrobial sachets containing rosemary oil and thyme oil.

Journal of food science , Volume: 79 Issue: 11 2014 Nov

Authors Han JH,Patel D,Kim JE,Min SC

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

Iron fortification adversely affects the gut microbiome, increases pathogen abundance and induces intestinal inflammation in Kenyan infants.

Gut , Volume: 64 Issue: 5 2015 May

Authors Jaeggli T,Kortman GA,Moretti D,Chassard C,Holding P,Dostal A,Boekhorst J,Timmerman HM,Swinkels DW,Tjalsma H,Njenga J,Mwangi A,Kvalsvig J,Lacroix C,Zimmermann MB

Antibacterial activities of plant-derived compounds and essential oils toward *Cronobacter sakazakii* and *Cronobacter malonaticus*.

Foodborne pathogens and disease , Volume: 11 Issue: 10 2014 Oct

Authors Franková A,Marounek M,Mozrová V,Weber J,Kloucek P,Lukešová D

Antioxidant, antimicrobial and phytochemical variations in thirteen *Moringa oleifera* Lam. cultivars.

Molecules (Basel, Switzerland) , Volume: 19 Issue: 7 2014 Jul 18

Authors Ndhlala AR,Mulaudzi R,Ncube B,Abdelgadir HA,du Plooy CP,Van Staden J

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

Evaluation of the effects of manuka honey on salivary levels of mutans streptococci in children: a pilot study.

Journal of the Indian Society of Pedodontics and Preventive Dentistry , Volume: 32 Issue: 3 2014 Jul-Sep

Authors Rupesh S,Winnier JJ,Nayak UA,Rao AP,Reddy NV,Peter J

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

The antimicrobial activity of *Azadirachta indica*, *Mimusops elengi*, *Tinospora cardifolia*, *Ocimum sanctum* and 2% chlorhexidine gluconate on common endodontic pathogens: An in vitro study.

European journal of dentistry , Volume: 8 Issue: 2 2014 Apr

Authors Mistry KS,Sanghvi Z,Parmar G,Shah S

Effects of 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

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

A comparison of the anti-*Staphylococcus aureus* activity of extracts from commonly used medicinal plants.

Journal of alternative and complementary medicine (New York, N.Y.) , Volume: 20 Issue: 5 2014 May

Authors Snowden R,Harrington H,Morrill K,Jeane L,Garrity J,Orian M,Lopez E,Rezaie S,Hassberger K,Familoni D,Moore J,Virdee K,Albornoz-Sanchez L,Walker M,Cavins J,Russell T,Guse E,Reker M,Tschudy O,Wolf J,True T,Ukaegbu O,Ahaghotu E,Jones A,Polanco S,Rochon Y,Waters R,Langland J

Evaluation of antibacterial activity of crude protein extracts from seeds of six different medical plants against standard bacterial strains.

Saudi journal of biological sciences , Volume: 21 Issue: 2 2014 Apr

Authors Al Akeel R,Al-Sheikh Y,Mateen A,Syed R,Janardhan K,Gupta VC

Sublethal amounts of *Origanum vulgare* L. essential oil and carvacrol cause injury and changes in membrane fatty acid of *Salmonella Typhimurium* cultivated in a meat broth.

Foodborne pathogens and disease , Volume: 11 Issue: 5 2014 May

Authors Luz Ida S,de Melo AN,Bezerra TK,Madruga MS,Magnani M,de Souza EL

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

Preliminary ex-vivo and an animal model evaluation of *Ocimum sanctum*'s essential oil extract for its antibacterial and anti-inflammatory properties.

Oral health and dental management , Volume: 12 Issue: 3 2013 Sep

Authors Navin M,Ajay L,Naseem S,Seema S,Surendra S,Isha N

Assessment of berberine as a multi-target antimicrobial: a multi-omics study for drug discovery and repositioning.

Omics : a journal of integrative biology , Volume: 18 Issue: 1 2014 Jan

Authors Karaosmanoglu K,Sayar NA,Kurnaz IA,Akbulut BS

Role of probiotics in the prevention and treatment of methicillin-resistant *Staphylococcus aureus* infections.

International journal of antimicrobial agents , Volume: 42 Issue: 6 2013 Dec

Authors Sikorska H,Smoragiewicz W

Antioxidant, antibacterial and ACE-inhibitory activity of four monofloral honeys in relation to their chemical composition.

Food & function , Volume: 4 Issue: 11 2013 Nov

Authors León-Ruiz V,González-Porto AV,Al-Habsi N,Vera S,San Andrés MP,Jauregi P

Probiotic features of two oral *Lactobacillus* isolates.

Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology] , Volume: 43 Issue: 1 2012 Jan

Authors Zavisic G,Petricevic S,Radulovic Z,Begovic J,Golic N,Topisirovic L,Strahinic I

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

Chemical composition and biological activity of the essential oil from leaves of *Moringa oleifera* Lam. cultivated in Mozambique.

Molecules (Basel, Switzerland) , Volume: 18 Issue: 9 2013 Sep 9

Authors Marrufo T,Nazzaro F,Mancini E,Fratianni F,Coppola R,De Martino L,Agostinho AB,De Feo V

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

Composition and Antimicrobial Activity of the Essential Oil from Leaves of *Curcuma longa* L. Kasur Variety.

Indian journal of pharmaceutical sciences , Volume: 75 Issue: 1 2013 Jan

Authors Parveen Z,Nawaz S,Siddique S,Shahzad K

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

Involvement of the ribose operon repressor RbsR in regulation of purine nucleotide synthesis in *Escherichia coli*.

FEMS microbiology letters , Volume: 344 Issue: 2 2013 Jul

Authors Shimada T,Kori A,Ishihama A

Comparative evaluation of the antimicrobial efficacy of four chewing sticks commonly used in South India: an in vitro study.

Indian journal of dental research : official publication of Indian Society for Dental Research , Volume: 23 Issue: 6 2012 Nov-Dec

Authors Elangovan A,Muranga J,Joseph E

Potential antibacterial activity of berberine against multi drug resistant enterovirulent *Escherichia coli* isolated from yaks (*Poephagus grunniens*) with haemorrhagic diarrhoea.

Asian Pacific journal of tropical medicine , Volume: 6 Issue: 4 2013 Apr 13

Authors Bandyopadhyay S,Patra PH,Mahanti A,Mondal DK,Dandapat P,Bandyopadhyay S,Samanta I,Lodh C,Bera AK,Bhattacharyya D,Sarkar M,Baruah KK

Rosmarinus officinalis extract suppresses *Propionibacterium acnes*-induced inflammatory responses.

Journal of medicinal food , Volume: 16 Issue: 4 2013 Apr

Authors Tsai TH,Chuang LT,Lien TJ,Liing YR,Chen WY,Tsai PJ

Eugenol alters the integrity of cell membrane and acts against the nosocomial pathogen *Proteus mirabilis*.

Archives of pharmacal research , Volume: 36 Issue: 3 2013 Mar

Authors Devi KP,Sakthivel R,Nisha SA,Suganthi N,Pandian SK

Antimicrobial isothiocyanates from the seeds of *Moringa oleifera* Lam.

Zeitschrift fur Naturforschung. C, Journal of biosciences , Volume: 67 Issue: 11-12 2012 Nov-Dec

Authors Padla EP,Solis LT,Levida RM,Shen CC,Ragasa CY

Effectiveness of curcumin against *Enterococcus faecalis* biofilm.

Acta odontologica Scandinavica , Volume: 71 Issue: 6 2013 Nov

Authors Neelakantan P,Subbarao C,Sharma S,Subbarao CV,Garcia-Godoy F,Gutmann JL

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-Gimernan 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

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

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

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, Hliferl M, Jirovetz L, Buchbauer G, Gochev V, Girova T, Stoyanova A, Geissler M

The inhibitory activity of tyfified propolis against Enterococcus species.

Zeitschrift fur Naturforschung. C, Journal of biosciences , Volume: 67 Issue: 5-6 2012 May-Jun

Authors Moncla BJ, Guevara PW, Wallace JA, Marcucci MC, Nor JE, Bretz WA

Effect of berberine on Escherichia coli, Bacillus subtilis, and their mixtures as determined by isothermal microcalorimetry.

Applied microbiology and biotechnology , Volume: 96 Issue: 2 2012 Oct

Authors Kong WJ, Xing XY, Xiao XH, Zhao YL, Wei JH, Wang JB, Yang RC, Yang MH

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

Efficacy of berberine, an antimicrobial plant alkaloid, as an endodontic irrigant against a mixed-culture biofilm in an in vitro tooth model.

Journal of endodontics , Volume: 38 Issue: 8 2012 Aug

Authors Xie Q, Johnson BR, Wenckus CS, Fayad MI, Wu CD

Report: Studies on antibacterial activity of some traditional medicinal plants used in folk medicine.

Pakistan journal of pharmaceutical sciences , Volume: 25 Issue: 3 2012 Jul

Authors Israr F, Hassan F, Naqvi BS, Azhar I, Jabeen S, Hasan SM

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

The in vitro antimicrobial activities of metabolites from lactobacillus strains on Candida species implicated in Candida vaginitis.

The Malaysian journal of medical sciences : MJMS , Volume: 18 Issue: 4 2011 Oct

Authors Ogunshe AA, Omotoso MA, Bello VB

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

Antimicrobial action of the leaf extract of moringa oleifera lam.

Ancient science of life , Volume: 14 Issue: 3 1995 Jan

Authors Pal SK, Mukherjee PK, Saha K, Pal M, Saha BP

Detection of the antibacterial effect of Nigella sativa ground seeds with water.

African journal of traditional, complementary, and alternative medicines : AJTCAM , Volume: 8 Issue: 2 2011

Authors Bakathir HA, Abbas NA

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

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

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

Antimicrobial activity of plant essential oils against bacterial and fungal species involved in food poisoning and/or food decay.

Roumanian archives of microbiology and immunology , Volume: 69 Issue: 4 2010 Oct-Dec

Authors Lixandru BE, Dracea NO, Dragomirescu CC, Dragulescu EC, Coldea IL, Anton L, Dobre E, Rovinaru C, Codita I

Goldenseal (*Hydrastis canadensis* L.) extracts synergistically enhance the antibacterial activity of berberine via efflux pump inhibition.

Planta medica , Volume: 77 Issue: 8 2011 May

Authors Ettefagh KA, Burns JT, Junio HA, Kaatz GW, Cech NB

Antibacterial effects of the essential oils of commonly consumed medicinal herbs using an in vitro model.

Molecules (Basel, Switzerland) , Volume: 15 Issue: 11 2010 Oct 27

Authors Sokovic M, Glamoclija J, Marin PD, Brkic D, van Griensven LJ

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

In vitro antimicrobial activity and chemical composition of the essential oil of *Foeniculum vulgare* Mill.

Revista medico-chirurgicala a Societatii de Medici si Naturalisti din Iasi , Volume: 112 Issue: 3 2008 Jul-Sep

Authors Aprotosoia AC, Hancianu M, Poata A, Tuchilus C, Spac A, Cioana O, Gille E, Stanescu U

Antimicrobial effects of Turkish propolis, pollen, and laurel on spoilage and pathogenic food-related microorganisms.

Journal of medicinal food , Volume: 11 Issue: 3 2008 Sep

Authors Erkmen O, Ozcan MM

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

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

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

Antibacterial activity of guava (*Psidium guajava* L.) and Neem (*Azadirachta indica* A. Juss.) extracts against foodborne pathogens and spoilage bacteria.

Foodborne pathogens and disease , Volume: 4 Issue: 4 2007 Winter

Authors Mahfuzul Hoque MD, Bari ML, Inatsu Y, Juneja VK, Kawamoto S

Inhibitory activity of garlic (*Allium sativum*) extract on multidrug-resistant *Streptococcus mutans*.

Journal of the Indian Society of Pedodontics and Preventive Dentistry , Volume: 25 Issue: 4 2007 Oct-Dec

Authors Fani MM, Kohanteb J, Dayaghi M

Antibacterial effect of five Zingiberaceae essential oils.

Molecules (Basel, Switzerland) , Volume: 12 Issue: 8 2007 Aug 23

Authors Norajit K,Laohakunjit N,Kerdchoechuen O

Investigation of antibacterial activity of rosemary essential oil against Propionibacterium acnes with atomic force microscopy.

Planta medica , Volume: 73 Issue: 12 2007 Oct

Authors Fu Y,Zu Y,Chen L,Efferth T,Liang H,Liu Z,Liu W

L-fucose stimulates utilization of D-ribose by Escherichia coli MG1655 DeltafucAO and E. coli Nissle 1917 DeltafucAO mutants in the mouse intestine and in M9 minimal medium.

Infection and immunity , Volume: 75 Issue: 11 2007 Nov

Authors Autieri SM,Lins JJ,Leatham MP,Laux DC,Conway T,Cohen PS

Chemical composition and biological activity of a new type of Brazilian propolis: red propolis.

Journal of ethnopharmacology , Volume: 113 Issue: 2 2007 Sep 5

Authors Alencar SM,Oldoni TL,Castro ML,Cabral IS,Costa-Neto CM,Cury JA,Rosalen PL,Ikegaki M

Effect of oral application of a probiotic E. coli strain on the intestinal microflora of children of allergic mothers during the first year of life.

Folia microbiologica , Volume: 52 Issue: 2 2007

Authors Kocourková I,Žádníková R,Žižka J,Rosová V

Vapor-phase activities of cinnamon, thyme, and oregano essential oils and key constituents against foodborne microorganisms.

Journal of agricultural and food chemistry , Volume: 55 Issue: 11 2007 May 30

Authors López P,Sánchez C,Batlle R,Nerín C

Antibacterial, antisecretory and antihemorrhagic activity of Azadirachta indica used to treat cholera and diarrhea in India.

Journal of ethnopharmacology , Volume: 111 Issue: 3 2007 May 22

Authors Thakurta P,Bhowmik P,Mukherjee S,Hajra TK,Patra A,Bag PK

Inhibitory effects of spice essential oils on the growth of Bacillus species.

Journal of medicinal food , Volume: 9 Issue: 3 2006 Fall

Authors Ozcan MM,Sagdic O,Ozkan G

Susceptibility of Prevotella intermedia/Prevotella nigrescens (and Porphyromonas gingivalis) to propolis (bee glue) and other antimicrobial agents.

Anaerobe , Volume: 8 Issue: 1 2002 Feb

Authors Santos FA,Bastos EM,Rodrigues PH,de Uzeda M,de Carvalho MA,Farias Lde M,Moreira ES

Antimicrobial and antiplasmid 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,Pantanella 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

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.

Memórias do Instituto Oswaldo Cruz , Volume: 100 Issue: 5 2005 Aug

Authors Fernandes Júnior A,Balestrin EC,Betoni JE,Orsi Rde O,da Cunha Mde L,Montelli AC

Effect of propolis in the treatment of experimental Staphylococcus aureus keratitis in rabbits.

Ophthalmic research , Volume: 37 Issue: 6 2005 Nov-Dec

Authors Oksuz H,Duran N,Tamer C,Cetin M,Silici S

The influence of a novel propolis on mutans streptococci biofilms and caries development in rats.

Archives of oral biology , Volume: 51 Issue: 1 2006 Jan

Authors Duarte S,Rosalen PL,Hayacibara MF,Cury JA,Bowen WH,Marquis RE,Rehder VL,Sartoratto A,Ikegaki M,Koo H

Antibacterial activity of propolis against Staphylococcus aureus.

International journal of food microbiology , Volume: 102 Issue: 2 2005 Jul 15

Authors Lu LC,Chen YW,Chou CC

In vitro and in vivo effects of isolated fractions of Brazilian propolis on caries development.

Journal of ethnopharmacology , Volume: 101 Issue: 1-3 2005 Oct 3

Authors Hayacibara MF,Koo H,Rosalen PL,Duarte S,Franco EM,Bowen WH,Ikegaki M,Cury JA

Chemical compositions and antimicrobial activities of four different Anatolian propolis samples.

Microbiological research , Volume: 160 Issue: 2 2005

Authors Uzel A,Sorkun K,Onçag O,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 Postoienco VO,Senchuhova NA,Postoienco OM,Patyka VP

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

Comparative evaluation of in-vitro effects of Brazilian green propolis and Baccharis dracunculifolia extracts on cariogenic factors of Streptococcus mutans.

Biological & pharmaceutical bulletin , Volume: 27 Issue: 11 2004 Nov

Authors Leitão DP,Filho AA,Polizello AC,Bastos JK,Spadaro AC

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

In vitro antimicrobial activity of propolis and synergism between propolis and antimicrobial drugs.

Microbiological research , Volume: 158 Issue: 4 2003

Authors Stepanovic S,Antic N,Dakic I,Svabic-Vlahovic 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

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 Jagetia GC,Baliga 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

Effect of a novel type of propolis and its chemical fractions on glucosyltransferases and on growth and adherence of mutans streptococci.

Biological & pharmaceutical bulletin , Volume: 26 Issue: 4 2003 Apr

Authors Duarte S,Koo H,Bowen WH,Hayacibara MF,Cury JA,Ikegaki M,Rosalen PL

Antibacterial activity of extracts from some edible plants commonly consumed in Asia.

International journal of food microbiology , Volume: 80 Issue: 3 2003 Feb 15

Authors Alzoreky NS,Nakahara K

Antimicrobial activity of berberine—a constituent of Mahonia aquifolium.

Folia microbiologica , Volume: 47 Issue: 4 2002

Authors Cernáková M,Kostálová D

Bactericidal activities of plant essential oils and some of their isolated constituents against Campylobacter jejuni, Escherichia coli, Listeria monocytogenes, and Salmonella enterica.

Journal of food protection , Volume: 65 Issue: 10 2002 Oct

Authors Friedman M,Henika PR,Mandrell RE

Inhibition of listeriolysin O and phosphatidylcholine-specific production in Listeria monocytogenes by subinhibitory concentrations of plant essential oils.

Journal of medical microbiology , Volume: 51 Issue: 7 2002 Jul

Authors Smith-Palmer A,Stewart J,Fyfe L

Antimicrobial constituents of Foeniculum vulgare.

Archives of pharmacal research , Volume: 25 Issue: 2 2002 Apr

Authors Kwon YS,Choi WG,Kim WJ,Kim WK,Kim MJ,Kang WH,Kim CM

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

Effects of compounds found in propolis on Streptococcus mutans growth and on glucosyltransferase activity.

Antimicrobial agents and chemotherapy , Volume: 46 Issue: 5 2002 May

Authors Koo H,Rosalen PL,Cury JA,Park YK,Bowen WH

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

The effect of indigenous Neem Azadirachta indica [correction of (Adirachta indica)] mouth wash on Streptococcus mutans and lactobacilli growth.

Indian journal of dental research : official publication of Indian Society for Dental Research , Volume: 12 Issue: 3 2001 Jul-Sep

Authors Vanka A,Tandon S,Rao SR,Udupa N,Ramkumar P

[Experimental study of bacteriostatic activity of Chinese herbal medicines on primary cariogenic bacteria in vitro].

Zhonghua kou qiang yi xue za zhi = Zhonghua kouqiang yixue zazhi = Chinese journal of stomatology , Volume: 36 Issue: 5 2001 Sep

Authors Wang S,Fan M,Bian Z

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

In-vitro antimicrobial activity of four diallyl sulphides occurring naturally in garlic and Chinese leek oils.

Journal of medical microbiology , Volume: 50 Issue: 7 2001 Jul

Authors Tsao SM,Yin MC

In vitro activity of garlic oil and four diallyl sulphides against antibiotic-resistant Pseudomonas aeruginosa and Klebsiella pneumoniae.

The Journal of antimicrobial chemotherapy , Volume: 47 Issue: 5 2001 May

Authors Tsao S,Yin M

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

Seasonal effect on Brazilian propolis antibacterial activity.**Journal of ethnopharmacology** , Volume: 73 Issue: 1-2 2000 Nov

Authors Sforzin JM,Fernandes A Jr,Lopes CA,Bankova V,Funari SR

5-Methoxyhydnocarpin-D and pheophorbide A: Berberis species components that potentiate berberine growth inhibition of resistant Staphylococcus aureus.**Journal of natural products** , Volume: 63 Issue: 8 2000 Aug

Authors Stermitz FR,Tawara-Matsuda J,Lorenz P,Mueller P,Zenewicz L,Lewis K

Effect of a new variety of Apis mellifera propolis on mutants Streptococci.**Current microbiology** , Volume: 41 Issue: 3 2000 Sep

Authors Koo H,Rosalen PL,Cury JA,Ambrosano GM,Murata RM,Yatsuda R,Ikegaki M,Alencar SM,Park YK

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

Antibacterial activity of garlic powder against Escherichia coli O-157.**Journal of nutritional science and vitaminology** , Volume: 45 Issue: 6 1999 Dec

Authors Sasaki J,Kita T,Ishita K,Uchisawa H,Matsue H

Antimicrobial activity of essential oils and other plant extracts.**Journal of applied microbiology** , Volume: 86 Issue: 6 1999 Jun

Authors Hammer KA,Carson CF,Riley TV

An organosulfur compound isolated from oil-macerated garlic extract, and its antimicrobial effect.**Bioscience, biotechnology, and biochemistry** , Volume: 63 Issue: 3 1999 Mar

Authors Yoshida H,Katsuzaki H,Ohta R,Ishikawa K,Fukuda H,Fujino T,Suzuki A

Inhibition of Listeria monocytogenes and Salmonella enteritidis by combinations of plant oils and derivatives of benzoic acid: the development of synergistic antimicrobial combinations.**International journal of antimicrobial agents** , Volume: 9 Issue: 3 1997 Jan

Authors Fyfe L,Armstrong F,Stewart J

Antibacterial effect of propolis and honey on oral bacteria.**American journal of dentistry** , Volume: 9 Issue: 6 1996 Dec

Authors Steinberg D,Kaine G,Gedalia I

Public health hazards from small ruminant meat products in Europe.**Revue scientifique et technique (International Office of Epizootics)** , Volume: 16 Issue: 2 1997 Aug

Authors Pépin M,Russo P,Pardon P

Antimicrobial activity of propolis on oral microorganisms.**Current microbiology** , Volume: 36 Issue: 1 1998 Jan

Authors Park YK,Koo MH,Abreu JA,Ikegaki M,Cury JA,Rosalen PL

Effects of lactulose and lactitol on colonic microflora and enzymatic activity.**Scandinavian journal of gastroenterology. Supplement** , Volume: 222 1997

Authors Ballongue J,Schumann C,Quignon P

Antimicrobial evaluation of some plants used in Mexican traditional medicine for the treatment of infectious diseases.**Journal of ethnopharmacology** , Volume: 53 Issue: 3 1996 Sep

Authors Navarro V,Villarreal ML,Rojas G,Lozoya X

[Effect of propolis on Staphylococcus aureus strains resistant to antibiotics].**Antibiotiki** , Volume: 26 Issue: 4 1981 Apr

Authors Shub TA,Kagramanova KA,Voropaeva SD,Kivman Gl

Growth inhibition of bacillus subtilis and composition of various propolis extracts.**Die Pharmazie** , Volume: 37 Issue: 12 1982 Dec

Authors Pepelnjak S,Jalsenjak I,Maysinger D

The fermentation of lactulose by colonic bacteria.**Journal of general microbiology** , Volume: 128 Issue: 2 1982 Feb

Authors Sahota SS,Bramley PM,Menzies IS

Utilization of fructose and ribose in lipopolysaccharide synthesis by Veillonella parvula.**Infection and immunity** , Volume: 41 Issue: 1 1983 Jul

Authors Tortorello ML,Delwiche EA

D-ribose metabolism in Escherichia coli K-12: genetics, regulation, and transport.**Journal of bacteriology** , Volume: 158 Issue: 2 1984 May

Authors Lopilato JE, Garwin JL, Emr SD, Silhavy TJ, Beckwith JR

Utilization of D-ribose by Veillonella.

Journal of bacteriology , Volume: 98 Issue: 3 1969 Jun

Authors Kafkewitz D, Delwiche EA

Inhibition of coagulase activity and growth of Staphylococcus aureus by garlic extracts.

Folia microbiologica , Volume: 19 Issue: 6 1974

Authors Fletcher RD, Parker B, Hassett M

Ribose utilization by Veillonella alcalescens.

Journal of bacteriology , Volume: 109 Issue: 3 1972 Mar

Authors Kafkewitz D, Delwiche EA

Studies on the antimicrobial activity of Nigella sativa seed (black cumin).

Journal of ethnopharmacology , Volume: 34 Issue: 2-3 1991 Sep

Authors Hanafy MS, Hatem ME

Diet and faecal flora in the newborn: iron.

Archives of disease in childhood , Volume: 66 Issue: 12 1991 Dec

Authors Balmer SE, Wharton BA

Immunomodulatory action of propolis: IV. Prophylactic activity against gram-negative infections and adjuvant effect of the water-soluble derivative.

Vaccine , Volume: 10 Issue: 12 1992

Authors Dimov V, Ivanovska N, Bankova V, Popov S

[Selective effect of propolis in the isolation of Listeria monocytogenes (author's transl)].

Nordisk veterinærmedicin , Volume: 29 Issue: 10 1977 Oct

Authors Aspoy E

Additional sources and private correspondence

Private Correspondance , Volume: 1 Issue: 2018

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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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