

Microbiome Information for: Asthma

For prescribing Medical professionals Review

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

Many recent studies have found that symptoms and symptom severity has strong associations to the microbiome for many conditions. Correcting the microbiome dysfunction is believed 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 is 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 Asthma

Nota Benia: 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
<i>Verrucomicrobiia</i>	class	Low	203494	<i>Moraxella</i>	genus	High	475
<i>Acidaminococcaceae</i>	family	Low	909930	<i>Mycoplasma</i>	genus	High	2093
<i>Bacteroidaceae</i>	family	High	815	<i>Odoribacter</i>	genus	High	283168
<i>Bifidobacteriaceae</i>	family	Low	31953	<i>Oxalobacter</i>	genus	High	846
<i>Chlamydiaceae</i>	family	High	809	<i>Parvimonas</i>	genus	High	543311
<i>Christensenellaceae</i>	family	High	990719	<i>Penicillium</i>	genus	High	5073
<i>Clostridiaceae</i>	family	High	31979	<i>Peptoniphilus</i>	genus	Low	162289
<i>Dermabacteraceae</i>	family	Low	85020	<i>Porphyromonas</i>	genus	High	836
<i>Erysipelotrichaceae</i>	family	High	128827	<i>Rothia</i>	genus	High	508215
<i>Lachnospiraceae</i>	family	High	186803	<i>Sediminibacterium</i>	genus	Low	504481
<i>Lactobacillaceae</i>	family	Low	33958	<i>Slackia</i>	genus	High	84108
<i>Prevotellaceae</i>	family	High	171552	<i>Sneathia</i>	genus	High	168808
<i>Ruminococcaceae</i>	family	Low	541000	<i>Staphylococcus</i>	genus	High	1279
<i>Veillonellaceae</i>	family	High	31977	<i>Streptococcus</i>	genus	High	1301
<i>Actinomyces</i>	genus	High	1654	<i>Sutterella</i>	genus	High	40544
<i>Aggregatibacter</i>	genus	Low	416916	<i>Turicibacter</i>	genus	Low	191303
<i>Akkermansia</i>	genus	Low	239934	<i>Aggregatibacter segnis</i>	species	High	739
<i>Alloiococcus</i>	genus	High	1651	<i>Akkermansia muciniphila</i>	species	Low	239935
<i>Alternaria</i>	genus	High	5598	<i>Aspergillus fumigatus</i>	species	High	746128
<i>Aspergillus</i>	genus	High	5052	<i>Bacteroides fragilis</i>	species	High	817
<i>Bacteroides</i>	genus	Low	816	<i>Bacteroides stercoris</i>	species	Low	46506
<i>Bifidobacterium</i>	genus	High	1678	<i>Bifidobacterium adolescentis</i>	species	Low	1680
<i>Blautia</i>	genus	High	572511	<i>Bifidobacterium longum</i>	species	High	216816
<i>Butyricoccus</i>	genus	Low	580596	<i>Candida albicans</i>	species	High	5476
<i>Butyricimonas</i>	genus	High	574697	<i>Chlamydia pneumoniae</i>	species	High	83558
<i>Butyrivibrio</i>	genus	Low	830	<i>Clostridium disporicum</i>	species	Low	84024
<i>Campylobacter</i>	genus	High	194	<i>Eggerthella lenta</i>	species	High	84112
<i>Candidatus Arthromitus</i>	genus	Low	49082	<i>Enterobacter hormaechei</i>	species	High	158836
<i>Capnocytophaga</i>	genus	High	1016	<i>Escherichia coli</i>	species	High	562
<i>Catonella</i>	genus	Low	43996	<i>Faecalibacterium prausnitzii</i>	species	Low	853
<i>Chlamydia</i>	genus	High	810	<i>Haemophilus influenzae</i>	species	High	727
<i>Clostridium</i>	genus	High	1485	<i>Klebsiella pneumoniae</i>	species	High	573
<i>Corynebacterium</i>	genus	High	1716	<i>Moraxella catarrhalis</i>	species	High	480
<i>Dialister</i>	genus	Low	39948	<i>Mycoplasmodies pneumoniae</i>	species	High	2104
<i>Dorea</i>	genus	High	189330	<i>Neisseria cinerea</i>	species	High	483
<i>Faecalibacterium</i>	genus	Low	216851	<i>Phocaeicola plebeius</i>	species	High	310297
<i>Faecalibaculum</i>	genus	High	1729679	<i>Prevotella nigrescens</i>	species	Low	28133
<i>Fusobacterium</i>	genus	High	848	<i>Pseudomonas aeruginosa</i>	species	High	287
<i>Haemophilus</i>	genus	High	724	<i>Roseburia inulinivorans</i>	species	Low	360807
<i>Holdemanella</i>	genus	High	1573535	<i>Staphylococcus aureus</i>	species	High	1280
<i>Lachnospira</i>	genus	High	28050	<i>Staphylococcus epidermidis</i>	species	High	1282

Bacteria Name	Rank	Shift	Taxonomy ID	Bacteria Name	Rank	Shift	Taxonomy ID
Lactobacillus	genus	High	1578	Streptococcus pneumoniae	species	High	1313
Lawsonella	genus	High	1847725	Streptococcus pyogenes	species	High	1314
Leptotrichia	genus	High	32067	Streptococcus salivarius	species	High	1304
Malassezia	genus	High	55193	Sutterella wadsworthensis	species	Low	40545
Megasphaera	genus	High	906	Haemophilus influenzae	10810	strain	Low
							862964

Substance to Consider Adding or Taking

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

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

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

(2->1)-beta-D-fructofuranan {Inulin} 32 gram/day

2-hydroxyethyl)trimethylazanium {choline} 1g/day

Avena sativa x Hordeum vulgare {barley,oat}

Bovine Milk Products {Dairy}

Cichorium intybus {Chicory} 1800 mg/day

fructo-oligosaccharides 15 gram/day

Hordeum vulgare {Barley} 60 gram/day

Lactose {Milk Sugar}

Nitrogen Oxide x Particulate Matter {Urban air pollutant}

oligosaccharides {oligosaccharides}

Outer Layers of Triticum aestivum {Wheat Bran}

proton-pump inhibitors (prescription) 60 mg/day

pseudo-cereals {amaranth,quinoa, taro,buckwheat}

raffinose {sugar beet}

synthetic disaccharide derivative of lactose {Lactulose}

Tobacco consumption {Smoking}

wheat

whole-grain diet

Zea mays {maize}

Retail Probiotics

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

jarrow formulas / bifidus balance® + fos
Physician Choice / 60 Billion Probiotics
naturopathica (au) / gastrohealth probiotic dairy free 20 bcfu
blackmores (au) / probiotics+ immune defence
ISCON Elegance/ Ochek Capsule 10
Nutrition Essentials / Probiotic (900 BCFU)
optibac / bifidobacteria & fibre
Bio Schwartz / Advance Strength Probiotics (40 BCFU)
nature's way (au) / restore probiotic 30 billion 30s
blackmore (au) / probiotics+ daily health
Global Healing Center / FloraTrex
nature's way (au) / restore probiotic bowel & colon health 30s
naturopathica (au) / gastrohealth fibrepro
blackmore (au) / probiotics+ eczema relief
optibac / for every day
Thryve Inside/ L.Reu,Rham,Casi; B.Lactis
naturopathica (au) / gastrohealth probiotic dairy free 50 billion
Swiss BioEnergetics / Full Spectrum Probiotic Defence
theramedix / probiotic
blackmores (au) / probiotics + adults daily (90 capsules)
Wholesome Wellness / Raw Probiotic
nature's way (au) / restore probiotic daily health 90s

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

Substance to Consider Reducing or Eliminating

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

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

allium sativum {garlic}	meropenem
amoxicillin [CFS]	Metha family {Mint}
ampicillin [CFS]	minocycline [CFS]
Azadirachta indica {Neem}	Moringa Oleifera
azithromycin,[CFS]	origanum vulgare {oregano}
benzylpenicillin sodium (antibiotic)	Pimpinella anisum {Anise}
Cinnamomum zeylanicum {Ceylon Cinnamon}	piperacillin-tazobactam
ciprofloxacin [CFS]	Propolis {Bee glue}
Curcuma longa {Turmeric}	Punica granatum {pomegranate}
D(-)-Fructose {Fruit sugar}	rosmarinus officinalis {rosemary}
Diferuloylmethane {Curcumin}	syzygium aromaticum {clove}
gentamicin	Thymus vulgaris {thyme}
Honey {Honey }	tobramycin
imipenem	vancomycin (antibiotic)[CFS]
	Zingiber officinale Roscoe {ginger}

Sample of Literature Used

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

From coughs to complications: the story of Chlamydia pneumoniae.

Journal of medical microbiology , Volume: 74 Issue: 4 2025 Apr

Authors Tagini F,Puolakkainen M,Greub G,On Behalf Of The Escmid Study Group For Mycoplasma And Chlamydia Infections Esqmac

Oral microbiota related to allergy in Norwegian adults.

The journal of allergy and clinical immunology. Global , Volume: 4 Issue: 2 2025 May

Authors Lee M,Vindenes HK,Fouladi F,Shigdel R,Ward JM,Peddada SD,London SJ,Bertelsen RJ

Early Recognition of Secondary Asthma Caused by Lower Respiratory Tract Infection in Children Based on Multi-Omics Signature: A Retrospective Cohort Study.

International journal of general medicine , Volume: 17 2024

Authors Rao Z,Zhang S,Xu W,Huang P,Xiao X,Hu X

A systematic review and meta-analysis of the correlation between cough variant asthma and mycoplasma pneumonia in children.

Archives of medical science : AMS , Volume: 20 Issue: 5 2024

Authors Jiao L,Zhang G,Yuan Y,Cao L

The Microbiota in Children and Adolescents with Asthma.

Children (Basel, Switzerland) , Volume: 11 Issue: 10 2024 Sep 27

Authors Casali L,Stella GM

Sensitization to Staphylococcus Enterotoxin: Relationship with Aspects of Disease Severity.

Journal of clinical medicine , Volume: 13 Issue: 19 2024 Sep 30

Authors Schoini P,Apollonatou V,Kallieri M,Blizou M,Sfika M,Koufopoulos N,Pouliakis A,Liatsis E,Foukas P,Bakakos P,Loukides S

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

Frontiers in medicine , Volume: 11 2024

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

Unveiling genetic links between gut microbiota and asthma: a Mendelian randomization.

Frontiers in microbiology , Volume: 15 2024

Authors Zheng X,Chen M,Zhuang Y,Zhao L,Qian Y,Shi C

Networks of human milk microbiota are associated with host genomics, childhood asthma, and allergic sensitization.

Cell host & microbe , Volume: 32 Issue: 10 2024 Oct 9

Authors Fang ZY,Stickley SA,Ambalavanan A,Zhang Y,Zacharias AM,Fehr K,Moossavi S,Petersen C,Miliku K,Mandhane PJ,Simons E,Moraes TJ,Sears MR,Surette MG,Subbarao P,Turvey SE,Azad MB,Duan Q

Racial differences in odds of asthma exacerbations among Aspergillus fumigatus-sensitized adults with asthma.

Annals of allergy, asthma & immunology : official publication of the American College of Allergy, Asthma, & Immunology , 2024 Sep 12

Authors Gleeson PK,Morales KH,Kerlin MP,Fadugba OO,Apter AJ,Christie JD,Himes BE

Aspergillus fumigatus antigen-reactive Th17 cells are enriched in bronchoalveolar lavage fluid in severe equine asthma.

Frontiers in immunology , Volume: 15 2024

Authors Wjst VF,Lübke S,Wagner B,Rhyner C,Jentsch MC,Arnold C,Lohmann KL,Schnabel CL

Deep multiomic profiling reveals molecular signatures that underpin preschool wheeze and asthma.

The Journal of allergy and clinical immunology , 2024 Aug 28

Authors Macowan M,Pattaroni C,Bonner K,Chatzis R,Daunt C,Gore M,Custovic A,Shields MD,Power UF,Grigg J,Roberts G,Ghazal P,Schwarze J,Turner S,Bush A,Saglani S,Lloyd CM,Marsland BJ

scRNA-seq identifies unique macrophage population in murine model of ozone induced asthma exacerbation.

bioRxiv : the preprint server for biology , 2024 Jul 24

Authors Ray JL,Walum J,Jelic D,Barnes R,Bentley ID,Britt RD,Englert JA,Ballinger MN

The Belgian IgE study: Staphylococcus aureus toxins in adult severe asthma.

The journal of allergy and clinical immunology. In practice , Volume: 12 Issue: 11 2024 Nov

Authors Schleich F,Maury E,Bachert C,Jansen M,Gurdain S,Van Schoor J,Belgian IgE study investigators

Intestinal microbiota and probiotic intervention in children with bronchial asthma.

Heliyon , Volume: 10 Issue: 15 2024 Aug 15

Authors Chen X,Yong SB,Yii CY,Feng B,Hsieh KS,Li Q

Mucus plugging on computed tomography and the sputum microbiome in patients with asthma, chronic obstructive

pulmonary disease, and asthma-COPD overlap.

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

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

Antibiotic administration aggravates asthma by disrupting gut microbiota and the intestinal mucosal barrier in an asthma mouse model.

Experimental and therapeutic medicine , Volume: 27 Issue: 4 2024 Apr

Authors Xu CL,Wang C,Li GB,Zhao T,Zhou RL,Chen J

Genetic evidence on the causality between gut microbiota and various asthma phenotypes: a two-sample Mendelian randomization study.

Frontiers in cellular and infection microbiology , Volume: 13 2023

Authors Cheng ZX,Wu YX,Jie ZJ,Li XJ,Zhang J

Genetic association and bidirectional Mendelian randomization for causality between gut microbiota and six lung diseases.

Frontiers in medicine , Volume: 10 2023

Authors Su Y,Zhang Y,Xu J

Winds of change a tale of: asthma and microbiome.

Frontiers in microbiology , Volume: 14 2023

Authors Galeana-Cadena D,Gómez-García IA,López-Salinas KG,Irineo-Moreno V,Jiménez-Juárez F,Tapia-García AR,Boyzo-Cortes CA,Matías-Martínez MB,Jiménez-Alvarez L,Zúñiga J,Camarena A

Prevalence of Aspergillus sensitization and Allergic Bronchopulmonary Aspergillosis in bronchial asthma: A systematic review of Indian studies.

Lung India : official organ of Indian Chest Society , Volume: 40 Issue: 6 2023 Nov-Dec

Authors Agarwal R,Muthu V,Sehgal IS,Dhooria S,Prasad KT,Soundappan K,Rudramurthy SM,Aggarwal AN,Chakrabarti A
Causal relationship between Butyricimonas and allergic asthma: a two-sample Mendelian randomization study.

Frontiers in microbiology , Volume: 14 2023

Authors Wan W,Qiu Y,Huang X,Ren Y,Peng A,Yang C

The airway microbiota of neonates colonized with asthma-associated pathogenic bacteria.

Nature communications , Volume: 14 Issue: 1 2023 Oct 20

Authors Thorsen J,Li XJ,Peng S,Sunde RB,Shah SA,Bhattacharyya M,Poulsen CS,Poulsen CE,Leal Rodriguez C,Widdowson M,Neumann AU,Trivedi U,Chawes B,Bønnelykke K,Bisgaard H,Sørensen SJ,Stokholm J

Predicting potential microbe-disease associations with graph attention autoencoder, positive-unlabeled learning, and deep neural network.

Frontiers in microbiology , Volume: 14 2023

Authors Peng L,Huang L,Tian G,Wu Y,Li G,Cao J,Wang P,Li Z,Duan L

Alterations in the Gut Microbiome of Young Children with Airway Allergic Disease Revealed by Next-Generation Sequencing.

Journal of asthma and allergy , Volume: 16 2023

Authors Wan J,Song J,Lv Q,Zhang H,Xiang Q,Dai H,Zheng H,Lin X,Zhang W

Volatile organic compounds (VOC) in homes associated with asthma and lung function among adults in Northern Europe.

Environmental pollution (Barking, Essex : 1987) , Volume: 321 2023 Mar 15

Authors Wang J,Janson C,Gislason T,Gunnbjörnsdóttir M,Jogi R,Orru H,Norbäck D

Asthma, obesity, and microbiota: A complex immunological interaction.

Immunology letters , Volume: 255 2023 Mar

Authors Menegati LM,de Oliveira EE,Oliveira BC,Macedo GC,de Castro E Silva FM

The Role of Staphylococcus aureus and Its Toxins in the Pathogenesis of Allergic Asthma.

International journal of molecular sciences , Volume: 24 Issue: 1 2022 Dec 30

Authors Jorde I,Schreiber J,Stegemann-Koniszewski S

The gut microbiome is a significant risk factor for future chronic lung disease.

The Journal of allergy and clinical immunology , Volume: 151 Issue: 4 2023 Apr

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

The Role of Gut Bacteriome in Asthma, Chronic Obstructive Pulmonary Disease and Obstructive Sleep Apnoea.

Microorganisms , Volume: 10 Issue: 12 2022 Dec 13

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

Alteration of Gut Immunity and Microbiome in Mixed Granulocytic Asthma.

Biomedicines , Volume: 10 Issue: 11 2022 Nov 16

Authors Gu BH,Rim CY,Lee S,Kim TY,Joo SS,Lee SJ,Park HK,Kim M

Aspergillus sensitization associated with current asthma in children in the United States: an analysis of data from the 2005-2006 NHANES.

Epidemiology and health , Volume: 44 2022

Authors Wen HJ,Wang SL,Li MC,Guo YL

A Case of Allergic Bronchopulmonary Aspergillosis With Bronchial Asthma.

Cureus , Volume: 14 Issue: 9 2022 Sep

Authors Rajpopat PB,Desai BN,Abro S,Garg T,Amedu OS,Ejiyooye TF,Fonseca A,Sajjad T,Hambolu E,Khan A

Respiratory dysbiosis in cats with spontaneous allergic asthma.

Frontiers in veterinary science , Volume: 9 2022

Authors Vientós-Plotts AI,Ericsson AC,McAdams ZL,Rindt H,Reinero CR

Non-typeable Haemophilus influenzae airways infection: the next treatable trait in asthma?

European respiratory review : an official journal of the European Respiratory Society , Volume: 31 Issue: 165 2022

Sep 30

Authors Brown MA,Jabeen M,Bharj G,Hinks TSC

Variations in the respiratory microbiota amongst asthmatic and non-asthmatic subjects in Jordan.

Saudi journal of biological sciences , Volume: 29 Issue: 10 2022 Oct

Authors Al-Ramahi N,Al-Najjar MAA,Jabaley A,Al-Qudah R,Basheti I

Association of upper airway bacterial microbiota and asthma: systematic review.

Asia Pacific allergy , Volume: 12 Issue: 3 2022 Jul

Authors Losol P,Park HS,Song WJ,Hwang YK,Kim SH,Holloway JW,Chang YS

Effectiveness of bronchial thermoplasty for severe persistent bronchial asthma accompanied by Pseudomonas aeruginosa infection.

Respiratory medicine case reports , Volume: 38 2022

Authors Ishii S,Ilikura M,Sugiyura Y,Matsuki R,Izumi S,Hojo M,Sugiyama H

Detection of Sutterella spp. in Broiler Liver and Breast.

Frontiers in veterinary science , Volume: 9 2022

Authors Derqaoui S,Oukessou M,Attrassi K,Elftouhy FZ,Nassik S

Gram-negative microbiota is related to acute exacerbation in children with asthma.

Clinical and translational allergy , Volume: 11 Issue: 8 2021 Oct

Authors Kim YH,Jang H,Kim SY,Jung JH,Kim GE,Park MR,Hong JY,Kim MN,Kim EG,Kim MJ,Kim KW,Sohn MH

Altered gut microbiome compositions are associated with the severity of asthma.

Journal of thoracic disease , Volume: 13 Issue: 7 2021 Jul

Authors Wang Z,Lai Z,Zhang X,Huang P,Xie J,Jiang Q,Zhang Q,Chung KF

Mycoplasma pneumoniae infection and risk of childhood asthma: A systematic review and meta-analysis.

Microbial pathogenesis , Volume: 155 2021 Jun

Authors Liu X,Wang Y,Chen C,Liu K

Non-allergic severe asthma: is it really always non-allergic? The IDENTIFY project.

Allergy, asthma, and clinical immunology : official journal of the Canadian Society of Allergy and Clinical Immunology , Volume: 16 Issue: 1 2020 Nov 2

Authors Koschel D,Mailänder C,Schwab Sauerbeck I,Schreiber J

Altered respiratory microbiota composition and functionality associated with asthma early in life.

BMC infectious diseases , Volume: 20 Issue: 1 2020 Sep 22

Authors Al Bataineh MT,Hamoudi RA,Dash NR,Ramakrishnan RK,Almasalmeh MA,Sharif HA,Al-Hajjaj MS,Hamid Q

Metagenome analysis using serum extracellular vesicles identified distinct microbiota in asthmatics.

Scientific reports , Volume: 10 Issue: 1 2020 Sep 15

Authors Lee JH,Choi JP,Yang J,Won HK,Park CS,Song WJ,Kwon HS,Kim TB,Kim YK,Park HS,Cho YS

Longitudinal Changes in Early Nasal Microbiota and the Risk of Childhood Asthma.

Pediatrics , Volume: 146 Issue: 4 2020 Oct

Authors Toivonen L,Karppinen S,Schuez-Havupalo L,Waris M,He Q,Hoffman KL,Petrosino JF,Dumas O,Camargo CA Jr,Hasegawa K,Peltola V

Sex effects in the association between airway microbiome and asthma.

Annals of allergy, asthma & immunology : official publication of the American College of Allergy, Asthma, & Immunology , Volume: 125 Issue: 6 2020 Dec

Authors Chen R,Wang L,Koch T,Curtis V,Yin-DeClue H,Handley SA,Shan L,Holtzman MJ,Castro M,Wang L

Metagenomic Characterization of Indoor Dust Bacterial and Fungal Microbiota in Homes of Asthma and Non-asthma Patients Using Next Generation Sequencing.

Frontiers in microbiology , Volume: 11 2020

Authors Gangneux JP,Sassi M,Lemire P,Le Cann P

Chronic Inflammatory Diseases at Secondary Sites Ensuing Urogenital or Pulmonary Chlamydia Infections.

Microorganisms , Volume: 8 Issue: 1 2020 Jan 17

Authors Cheok YY,Lee CYQ,Cheong HC,Looi CY,Wong WF

Development of the Microbiota and Associations With Birth Mode, Diet, and Atopic Disorders in a Longitudinal Analysis of Stool Samples, Collected From Infancy Through Early Childhood.

Gastroenterology , Volume: 158 Issue: 6 2020 May

Authors Galazzo G,van Best N,Bervoets L,Dapaah IO,Savelkoul PH,Hornef MW,GIMDH consortium,Lau S,Hamelmann E,Penders J

Obesity and disease severity magnify disturbed microbiome-immune interactions in asthma patients.

Nature communications , Volume: 10 Issue: 1 2019 Dec 13

Authors Michalovich D,Rodriguez-Perez N,Smolinska S,Pirozynski M,Mayhew D,Uddin S,Van Horn S,Sokolowska M,Altunbulakli C,Eljaszewicz A,Pugn B,Barcik W,Kurnik-Lucka M,Saunders KA,Simpson KD,Schmid-Grendelmeier P,Ferstl R,Frei R,Sievi N,Kohler M,Gajdanowicz P,Graversen KB,Lindholm Bøgh K,Jutel M,Brown JR,Akdis CA,Hessel EM,O`Mahony L

Gut microbial-derived butyrate is inversely associated with IgE responses to allergens in childhood asthma.

Pediatric allergy and immunology : official publication of the European Society of Pediatric Allergy and Immunology , Volume: 30 Issue: 7 2019 Nov

Authors Chiu CY,Cheng ML,Chiang MH,Kuo YL,Tsai MH,Chiu CC,Lin G

Association between the intestinal microbiota and allergic sensitization, eczema, and asthma: A systematic review.

The Journal of allergy and clinical immunology , Volume: 143 Issue: 2 2019 Feb

Authors Zimmermann P,Messina N,Mohn WW,Finlay BB,Curtis N

Gut microbiota relationships to lung function and adult asthma phenotype: a pilot study.

BMJ open respiratory research , Volume: 5 Issue: 1 2018

Authors Begley L,Madapoosi S,Opron K,Ndum O,Baptist A,Rysso K,Erb-Downward JR,Huang YJ

A metagenome-wide association study of gut microbiota in asthma in UK adults.

BMC microbiology , Volume: 18 Issue: 1 2018 Sep 12

Authors Wang Q,Li F,Liang B,Liang Y,Chen S,Mo X,Ju Y,Zhao H,Jia H,Spector TD,Xie H,Guo R

Proteobacteria: A Common Factor in Human Diseases.

BioMed research international , Volume: 2017 2017

Authors Rizzatti G,Lopetuso LR,Gibiino G,Binda C,Gasbarrini A

IL-17 and TNF- α Are Key Mediators of Moraxella catarrhalis Triggered Exacerbation of Allergic Airway Inflammation.

Frontiers in immunology , Volume: 8 2017

Authors Alnahas S,Hagner S,Raifer H,Kilic A,Gasteiger G,Mutters R,Hellhund A,Prinz I,Pinkenburg O,Visekruna A,Garn H,Steinhoff U

Chlamydia infection associated with asthma.

Nursing standard (Royal College of Nursing (Great Britain) : 1987) , Volume: 5 Issue: 46 1991 Aug 7

Authors

Emerging evidence of the role of gut microbiota in the development of allergic diseases.

Current opinion in allergy and clinical immunology , Volume: 16 Issue: 4 2016 Aug

Authors Simonyte Sjödin K,Vidman L,Rydén P,West CE

Chlamydia pneumoniae, and mycoplasma pneumoniae: Are they related to severe asthma in childhood?

The Journal of asthma : official journal of the Association for the Care of Asthma , Volume: 53 Issue: 6 2016 Aug

Authors Iramain R,De Jesús R,Spitters C,Jara A,Jimenez J,Bogado N,Cardozo L

[Comparison Study of Oropharyngeal Microbiota in Case of Bronchial Asthma and Chronic Obstructive Pulmonary Disease in Different Severity Levels].

Vestnik Rossiiskoi akademii meditsinskikh nauk , Issue: 6 2015

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

Allergic Patients with Long-Term Asthma Display Low Levels of Bifidobacterium adolescentis.

PLoS one , Volume: 11 Issue: 2 2016

Authors Hevia A,Milani C,López P,Donado CD,Cuervo A,González S,Suárez A,Turroni F,Gueimonde M,Ventura M,Sánchez B,Margolles A

Nontypeable *Haemophilus influenzae*-Induced MyD88 Short Expression Is Regulated by Positive IKK β and CREB Pathways and Negative ERK1/2 Pathway.

PLoS one , Volume: 10 Issue: 12 2015

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

Haemophilus influenzae responds to glucocorticoids used in asthma therapy by modulation of biofilm formation and antibiotic resistance.

EMBO molecular medicine , Volume: 7 Issue: 8 2015 Aug

Authors Earl CS,Keong TW,An SQ,Murdoch S,McCarthy Y,Garmendia J,Ward J,Dow JM,Yang L,O'Toole GA,Ryan RP

Staphylococcus aureus colonization is associated with wheeze and asthma among US children and young adults.

The Journal of allergy and clinical immunology , Volume: 135 Issue: 3 2015 Mar

Authors Davis MF,Peng RD,McCormack MC,Matsui EC

Impaired macrophage phagocytosis of bacteria in severe asthma.

Respiratory research , Volume: 15 2014 Jun 27

Authors Liang Z,Zhang Q,Thomas CM,Chana KK,Gibeon D,Barnes PJ,Chung KF,Bhavsar PK,Donnelly LE

Potentially pathogenic airway bacteria and neutrophilic inflammation in treatment resistant severe asthma.

PLoS one , Volume: 9 Issue: 6 2014

Authors Green BJ,Wiriyachaiporn S,Grainge C,Rogers GB,Kehagia V,Lau L,Carroll MP,Bruce KD,Howarth PH

The role of Mycoplasma pneumoniae infection in the initial onset and exacerbations of asthma.

Allergy and asthma proceedings , Volume: 35 Issue: 3 2014 May-Jun

Authors Watanabe H,Uruma T,Nakamura H,Aoshiba K

Is asthma an infectious disease? New evidence.

Current allergy and asthma reports , Volume: 13 Issue: 6 2013 Dec

Authors Atkinson TP

Differences in fungi present in induced sputum samples from asthma patients and non-atopic controls: a community based case control study.

BMC infectious diseases , Volume: 13 2013 Feb 5

Authors van Woerden HC,Gregory C,Brown R,Marchesi JR,Hoogendoorn B,Matthews IP

Asthma-associated differences in microbial composition of induced sputum.

The Journal of allergy and clinical immunology , Volume: 131 Issue: 2 2013 Feb

Authors Marri PR,Stern DA,Wright AL,Billheimer D,Martinez FD

Streptococcus pyogenes upper respiratory infection and atopic conditions other than asthma: a retrospective cohort study.

Primary care respiratory journal : journal of the General Practice Airways Group , Volume: 21 Issue: 2 2012 Jun

Authors Juhn YJ,Frey D,Li X,Jacobson R

Wheeze in preschool age is associated with pulmonary bacterial infection and resolves after antibiotic therapy.

PLoS one , Volume: 6 Issue: 11 2011

Authors Schwerk N,Brinkmann F,Soudah B,Kabesch M,Hansen G

Early intestinal Bacteroides fragilis colonisation and development of asthma.

BMC pulmonary medicine , Volume: 8 2008 Sep 26

Authors Vael C,Nelen V,Verhulst SL,Goossens H,Desaeger KN

Bioallergens in the air of selected areas in Visakhapatnam.

Journal of environmental science & engineering , Volume: 49 Issue: 4 2007 Oct

Authors Srinivas T,Aruna Lakshmi K,Prasuna RG,Sheela Veronica A

Ecological association between scarlet fever and asthma.

Respiratory medicine , Volume: 100 Issue: 2 2006 Feb

Authors Vargas MH

Chlamydia pneumoniae infection in asthmatic patients.

The Egyptian journal of immunology , Volume: 10 Issue: 1 2003

Authors Araafa RM,Matta AM,Bassuny EA,Gad NM,Anan A

The role of atypical organisms in asthma.

Allergy and asthma proceedings , Volume: 21 Issue: 2 2000 Mar-Apr

Authors Daian CM,Wolff AH,Bielory L

Bacterial precipitins and their immunoglobulin class in atopic asthma, non-atopic asthma, and chronic bronchitis.

Thorax , Volume: 31 Issue: 4 1976 Aug

Authors Davies RJ,Holford-Strevens VC,Wells ID,Pepys J

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

3 Biotech , Volume: 15 Issue: 5 2025 May

Authors Thakur A,Sharma K

Inulin Diet Alleviates Abdominal Aortic Aneurysm by Increasing Akkermansia and Improving Intestinal Barrier.

Biomedicines , Volume: 13 Issue: 4 2025 Apr 9

Authors Guo S,Yang F,Zhang J,Liao Y,Xia N,Tang T,Wang C,Wang QK,Chen C,Hu D,Shan Z,Cheng X

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,Tumbarski Y,Ivanov I,Todorova M,Dincheva I,Gentscheva G,Gledacheva V,Slavchev

V,Stefanova I,Petkova N,Nikolova S,Nikolova K

Dry ginger and Schisandra chinensis modulate intestinal flora and bile acid metabolism to treat 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,Laoуни SE,Bouafia A,Benaissa A,Alia K,Alharthi F,Al-Essa K,Menaa F*

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

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

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

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

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

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

Continuous intake of galacto-oligosaccharides containing syrup contributes to maintaining the health of household cats by modulating their gut microbiota.

Bioscience of microbiota, food and health , Volume: 44 Issue: 2 2025

Authors *Hokkyo A,Kakiyama S,Shiwa Y,Kaga C,Kobayashi T,Nomoto K,Harima-Mizusawa N*

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

Journal of agricultural and food chemistry , 2025 Mar 26

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

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

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

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

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

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

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

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

Frontiers in neuroscience , Volume: 19 2025

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

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

Microbiology spectrum , 2025 Mar 7

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

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

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

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

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

Chemistry & biodiversity , 2025 Feb 27

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

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

Frontiers in pediatrics , Volume: 13 2025

Authors *Xiaoqian F,Hemin L*

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

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

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

Gut microbiota modulation and inflammation mitigation in a murine model through a hull-less and purple grain barley genotype.

Food & function , 2025 Feb 25

Authors *Cortijo-Alfonso ME,Laghoudaouta H,Pena RN,Martínez M,Yuste S,Rubió-Piqué L,Piñol-Felis C*

Carbon dioxide enhances Akkermansia muciniphila fitness and anti-obesity efficacy in high-fat diet mice.

The ISME journal , 2025 Feb 23

Authors *Wang X,Yang Q,Shi C,Wang Y,Guo D,Wan X,Dong P,Zhang Q,Hu Y,Zhang R,Yang H,Chen W,Liu Z*

Dairy Consumption and the Colonic Mucosa-Associated Gut Microbiota in Humans-A Preliminary Investigation.**Nutrients , Volume: 17 Issue: 3 2025 Feb 2**

Authors Chen E,Ajami NJ,White DL,Liu Y,Gurwara S,Hoffman K,Graham DY,El-Serag HB,Petrosino JF,Jiao L

Carnosic acid reduces lipid content, enhances gut health, and modulates microbiota composition and metabolism in diet-induced obese mice.**Food & function , Volume: 16 Issue: 5 2025 Mar 3**

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

Effect of biannual azithromycin on respiratory pathogens among symptomatic children: results from the randomised Macrolides Oraux pour Réduire les Décès avec un Oeil sur la Résistance (MORDOR) I trial.**BMJ global health , Volume: 10 Issue: 2 2025 Feb 10**

Authors Liu J,Brennhofer SA,Zhang J,Stroup S,Pholwat S,Arzika AM,Maliki R,Abdou A,Lebas E,O'Brien KS,Arnold BF,Keenan JD,Lietman TM,Platts-Mills JA,Rogawski McQuade ET,Hourt ER

Synergistic defecation effects of *Bifidobacterium animalis* subsp. *lactis* BL-99 and fructooligosaccharide by modulating gut microbiota.**Frontiers in immunology , Volume: 15 2024**

Authors Zhang Q,Zhao W,Luo J,Shi S,Niu X,He J,Wang Y,Zeng Z,Jiang Q,Fang B,Chen J,Li Y,Wang F,He J,Guo J,Zhang M,Zhang L,Ge S,Hung WL,Wang R

Methyl Gallate and Amoxicillin-Loaded Electrospun Poly(vinyl alcohol)/Chitosan Mats: Impact of Acetic Acid on Their Anti-Staphylococcus aureus Activity.**Polymers , Volume: 17 Issue: 1 2024 Dec 24**

Authors Jiamboonsri P,Sangkhun W,Wanwong S

Comparative Evaluation of Different Mint Species Based on Their In Vitro Antioxidant and Antibacterial Effect.**Plants (Basel, Switzerland) , Volume: 14 Issue: 1 2025 Jan 2**

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

Chemical Characterization and Antimicrobial Activity of Green Propolis from the Brazilian Caatinga Biome.**Plants (Basel, Switzerland) , Volume: 13 Issue: 24 2024 Dec 21**

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

Mechanistic Insights into Succinic Acid as an Adjuvant for Ciprofloxacin in Treating *Pseudomonas aeruginosa* Growing Within Cystic Fibrosis Airway Mucus.**Microorganisms , Volume: 12 Issue: 12 2024 Dec 9**

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

Curcumin Mitigates Gut Dysbiosis and Enhances Gut Barrier Function to Alleviate Metabolic Dysfunction in Obese, Aged Mice.**Biology , Volume: 13 Issue: 12 2024 Nov 21**

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

Determination of antibacterial and antioxidant potential of organic crude extracts from *Malus domestica*, *Cinnamomum verum* and *Trachyspermum ammi*.**Scientific reports , Volume: 15 Issue: 1 2025 Jan 6**

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

Inulin alleviates chronic ketamine-induced impairments in memory and prepulse inhibition by regulating the gut microbiota, inflammation, and kynurenone pathway.**International journal of biological macromolecules , Volume: 294 2025 Mar**

Authors Xu Z,Lu H,Hu C,Wen Y,Shang D,Gan T,Guo Z,Dai L,Luo Y

Impact of cigarette smoking on gut microbial dysbiosis: a structured literature review.**Gut microbiome (Cambridge, England) , Volume: 5 2024**

Authors Imade EE,Obayagbona NO

Antibacterial, antibiofilm, and gene expression assessment of ajwain (*Trachyspermum ammi*) essential oil on drug-resistant gastrointestinal pathogens and its combination effect with ampicillin.**Letters in applied microbiology , Volume: 78 Issue: 1 2025 Jan 6**

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

Antimicrobial activities of seasonally collected bee products: honey, propolis, royal jelly, venom, and mellitin.**Brazilian journal of biology = Revista brasileira de biologia , Volume: 84 2024**

Authors Obeidat M,Haddad MA,Ghnamat SA

A systematic review and individual bacterial species level meta-analysis of in vitro studies on the efficacy of ceftazidime/avibactam combined with other antimicrobials against carbapenem-resistant Gram-negative bacteria.**The Journal of antimicrobial chemotherapy , Volume: 80 Issue: 2 2025 Feb 3**

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

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

Cognitive Impairment.**Nutrients , Volume: 16 Issue: 23 2024 Nov 29****Authors Thongwong P,Wattanathorn J,Thukham-Mee W**Compositional Variations in Wheat Bran Influence Growth Performance, Nutrient Retention, and Cecal Microbiome in Broilers.**Animals : an open access journal from MDPI , Volume: 14 Issue: 23 2024 Nov 26****Authors Feng Y,Jiao S,Zhang Y,Liu Y,Zhao F,Wang Y,Sa R,Xie J**Wheat β-glucan reduces obesity and hyperlipidemia in mice with high-fat and high-salt diet by regulating intestinal flora.**International journal of biological macromolecules , Volume: 288 2025 Feb****Authors Li M,Wang Q,Zhang X,Li K,Niu M,Zhao S**Open Label Vancomycin in Primary Sclerosing Cholangitis-Inflammatory Bowel Disease: Improved Colonic Disease Activity and Associations With Changes in Host-Microbiome-Metabolomic Signatures.**Journal of Crohn's & colitis , Volume: 19 Issue: 2 2025 Feb 4****Authors Quraishi MN,Cheesbrough J,Rimmer P,Mullish BH,Sharma N,Efstathiou E,Acharjee A,Gkoutos G,Patel A,Marchesi JR,Camuzeaux S,Chappell K,Valdivia-Garcia MA,Ferguson J,Brookes MJ,Walmsley M,Rossiter AE,van Schaik W,McInnes RS,Cooney R,Trauner M,Beggs AD,Iqbal TH,Trivedi PJ**Microencapsulation of Azadirachta indica oil and Tinospora cordifolia extracts blend for single-use applications.**Heliyon , Volume: 10 Issue: 20 2024 Oct 30****Authors Khan O,Chandra Das S,Bedoura S**Natural compounds in the fight against Staphylococcus aureus biofilms: a review of antibiofilm strategies.**Frontiers in pharmacology , Volume: 15 2024****Authors Kashi M,Noei M,Chegini Z,Shariati A**Ultrasonic depolymerization of pomegranate peel pectin: Effect of sonication time on antioxidant, α-amylase inhibitory, and prebiotic properties.**Food chemistry: X , Volume: 24 2024 Dec 30****Authors Bachari S,Ghaderi-Ghahfarokhi M,Gavighi HA,Zarei M**Altered interaction network in the gut microbiota of current cigarette smokers.**Engineering microbiology , Volume: 4 Issue: 2 2024 Jun****Authors Zhu Z,Wang M,Guan Y,Li M,Peng Q,Zheng N,Ma W**Gut microbiota and mycobiota change with feeding duration in mice on a high-fat and high-fructose diet.**BMC microbiology , Volume: 24 Issue: 1 2024 Nov 29****Authors Zheng R,Xiang X,Shi Y,Xie J,Xing L,Zhang T,Zhou Z,Zhang D**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**Supplementation with inulin reverses cognitive flexibility alterations and modulates the gut microbiota in high-fat-fed mice.**Frontiers in behavioral neuroscience , Volume: 18 2024****Authors González-Velázquez G,Aguirre-Garrido JF,Oros-Pantoja R,Salinas-Velarde ID,Contreras I,Estrada JA,Soto-Piña AE**Protective effects of insoluble dietary fiber from cereal bran against DSS-induced chronic colitis in mice: From inflammatory responses, oxidative stress, intestinal barrier, and gut microbiota.**International journal of biological macromolecules , Volume: 283 Issue: Pt 2 2024 Dec****Authors Li M,Wang Q,Niu M,Yang H,Zhao S**Improvement and Recovery of Intestinal Flora Disorder Caused by Ciprofloxacin Using Lactic Acid Bacteria.**Probiotics and antimicrobial proteins , 2024 Nov 20****Authors Su X,Su L,Cao M,Sun Y,Dai J,He Y,Li W,Ge W,Lv X,Zhang Q,Cui S,Chen J,Yang B**Galacto-oligosaccharides regulate intestinal mucosal sialylation to counteract antibiotic-induced mucin dysbiosis.**Food & function , Volume: 15 Issue: 24 2024 Dec 9****Authors Xu L,Li X,Han S,Mu C,Zhu W**Daily intake of a dairy-based nutritional supplement improved self-reported gastrointestinal symptoms and modulated microbiota in adult Chinese volunteers.**Scientific reports , Volume: 14 Issue: 1 2024 Nov 19****Authors Borewicz K,Zhao Y,Zhu Y**

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

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

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

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

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

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

High barley intake in non-obese individuals is associated with high natto consumption and abundance of butyrate-producing bacteria in the gut: a cross-sectional study.

Frontiers in nutrition , Volume: 11 2024

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

Investigating antibacterial and anti-inflammatory properties of synthetic curcuminoids.

Frontiers in medicine , Volume: 11 2024

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

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

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

Authors Hindle VK,Veasley NM,Holscher HD

Efficacy and safety of traditional Chinese medicine combined with azithromycin sequential therapy for mycoplasma pneumonia among children: a meta-analysis of randomized controlled trials.

Frontiers in pharmacology , Volume: 15 2024

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

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

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

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

Bone Healing via Carvacrol and Curcumin Nanoparticle on 3D Printed Scaffolds.

Small (Weinheim an der Bergstrasse, Germany) , 2024 Oct 27

Authors Dahiya A,Chaudhari VS,Bose S

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

Journal of biomaterials science. Polymer edition , 2024 Oct 26

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

Comparison of the Gut Microbiota of Patients Who Improve with Antibiotic Combination Therapy for Ulcerative Colitis and Those Who Do Not: Investigation by Fecal Metagenomic Analyses.

Nutrients , Volume: 16 Issue: 20 2024 Oct 16

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

Bifidogenic Effect of Human Milk Oligosaccharides on Pediatric IBD Fecal Microbiota.

Microorganisms , Volume: 12 Issue: 10 2024 Sep 30

Authors Otaru N,Bajic D,Van den Abbeele P,Vande Velde S,Van Biervliet S,Steinert RE,Rehman A

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

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

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

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

Microbial pathogenesis , 2024 Oct 23

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

Three Days of Oral Azithromycin Versus Five Days of Oral Clarithromycin in the Treatment of Campylobacter Enterocolitis in Children: A Prospective Study.

Antibiotics (Basel, Switzerland) , Volume: 13 Issue: 10 2024 Oct 14

Authors Kang HM,Cho YK,Kim YJ,Jeong DC,Yoo IH

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

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**Asymptomatic enteric pathogen carriage and its association with proton pump inhibitors use in men who have sex with men in Taiwan, 2019-2022**International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases , Volume: 149 2024 Oct 22****Authors Tsai CS,Lee NY,Chen PL,Chen SY,Lin YJ,Tsai PF,Tsai HP,Wang JL,Ko WC**The effect of antibiotics on the intestinal microbiota in children - a systematic review.**Frontiers in allergy , Volume: 5 2024****Authors Wurm J,Curtis N,Zimmermann P**Supplementation of curcumin promotes the intestinal structure, immune barrier function and cecal microbiota composition of laying hens in early laying period.**Poultry science , Volume: 103 Issue: 12 2024 Sep 24****Authors Xu Z,Zhu W,Xu D,Amevor FK,Wu Y,Ma D,Cao X,Wei S,Shu G,Zhao X**The efficacy of azithromycin combined with seven types of Chinese medicine injections in the treatment of Mycoplasma pneumoniae pneumonia in children: a systematic review and Bayesian network meta-analysis.**Frontiers in pharmacology , Volume: 15 2024****Authors Huang X,Tao S,Liu C,Sun X,Hao Y,Ma Y,Liu Y,Liu J**Analysis of the fermentation kinetics and gut microbiota modulatory effect of dried chicory root reveals the impact of the plant-cell matrix rationalizing its conversion in the distal colon.**Microbiome research reports , Volume: 3 Issue: 3 2024****Authors Puhlmann ML,van de Rakt E,Kerezoudi EN,Rangel I,Brummer RJ,Smidt H,Kaper FS,de Vas WM**A comprehensive update on the immunoregulatory mechanisms of Akkermansia muciniphila: insights into active ingredients, metabolites, and nutrient-driven modulation.**Critical reviews in food science and nutrition , 2024 Oct 16****Authors Mei L,Wang J,Hao Y,Zeng X,Yang Y,Wu Z,Ji Y**Biocompatible Poly(e-Caprolactone) Nanocapsules Enhance the Bioavailability, Antibacterial, and Immunomodulatory Activities of Curcumin.**International journal of molecular sciences , Volume: 25 Issue: 19 2024 Oct 4****Authors D'Angeli F,Granata G,Romano IR,Distefano A,Lo Furno D,Spila A,Leo M,Miele C,Ramadan D,Ferroni P,Li Volti G,Accardo P,Geraci C,Guadagni F,Genovese C**Effects of xylo-oligosaccharide supplementation on the production performance, intestinal morphology, cecal short-chain fatty acid levels, and gut microbiota of laying hens.**Poultry science , Volume: 103 Issue: 12 2024 Dec****Authors Xiong S,Zhang K,Wang J,Bai S,Zeng Q,Liu Y,Peng H,Xuan Y,Mu Y,Tang X,Ding X**Salivary microbiota composition before and after use of proton pump inhibitors in patients with laryngopharyngeal reflux: a self-control study.**BMC oral health , Volume: 24 Issue: 1 2024 Oct 8****Authors Cui X,Yin L,Zhang Y,Jiang X,Li L,Bi X**Garlic Bioconverted by Bacillus subtilis Stimulates the Intestinal Immune System and Modulates Gut Microbiota Composition.**Molecular nutrition & food research , Volume: 68 Issue: 20 2024 Oct****Authors Tonog G,Yu H,Moon SK,Lee S,Jeong H,Kim HS,Kim KB,Suh HJ,Kim H**Alginate Oligosaccharides Enhance Gut Microbiota and Intestinal Barrier Function, Alleviating Host Damage Induced by Deoxynivalenol in Mice.**The Journal of nutrition , Volume: 154 Issue: 11 2024 Nov****Authors Mi J,Tong Y,Zhang Q,Wang Q,Wang Y,Wang Y,Lin G,Ma Q,Li T,Huang S**Gastrointestinal microbiota and metabolites responses to dietary cereal grains in an adult pig model.**Frontiers in microbiology , Volume: 15 2024****Authors Feng G,Deng M,Li R,Hou G,Ouyang Q,Jiang X,Liu X,Tang H,Chen F,Pu S,Wan D,Yin Y**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 Ghahfarokhi SS,Jafari H,Nikrou S,Vazirian M,Samadi N**Barley β-glucan consumption improves glucose tolerance by increasing intestinal succinate concentrations.**NPJ science of food , Volume: 8 Issue: 1 2024 Sep 30****Authors Mio K,Goto Y,Matsuoka T,Komatsu M,Ishii C,Yang J,Kobayashi T,Aoe S,Fukuda S**

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

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

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

Substitutive Effects of Milk vs. Vegetable Milk on the Human Gut Microbiota and Implications for Human Health.

Nutrients, Volume: 16 Issue: 18 2024 Sep 14

Authors Mondragón Portocarrero ADC,Lopez-Santamarina A,Lopez PR,Ortega ISI,Duman H,Karav S,Miranda JM

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

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

Biology, Volume: 13 Issue: 9 2024 Aug 30

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

Determinants of raffinose family oligosaccharide use in *Bacteroides* species.

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

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

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

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

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

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

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

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

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

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

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

Isolation and Identification of Human Gut Bacteria Capable of Converting Curcumin to Its Hydrogenated Metabolites.

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

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

Effects of inulin on intestinal flora and metabolism-related indicators in obese polycystic ovary syndrome patients.

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

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

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,Satyal 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

Effects of *Moringa oleifera* Leaf Powder on the Growth Performance, Meat Quality, Blood Parameters, and Cecal Bacteria of Broilers.

Veterinary sciences, Volume: 11 Issue: 8 2024 Aug 14

Authors Akib MG,Rifat A,Bormon C,Dutta A,Ataher MS,Azzam M,Farouk MH,Das R,Azad MAK,Mahfuz S

Chitosan/gelatin coating loaded with ginger essential oil/β-cyclodextrin inclusion complex on quality and shelf life of blueberries.

International journal of biological macromolecules, Volume: 279 Issue: Pt 4 2024 Nov

Authors Hossen MA,Shimul IM,Sameen DE,Rasheed Z,Tanga W,Chen M,Liu Y

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

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

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

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

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

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

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

Frontiers in veterinary science , Volume: 11 2024

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

Moringa leaf meal exerts growth benefits in small ruminants through modulating the gastrointestinal microbiome.

Applied microbiology and biotechnology , Volume: 108 Issue: 1 2024 Aug 12

Authors Nehra C,Harshini V,Shukla N,Chavda P,Savaliya K,Patil S,Shah T,Pandit R,Patil NV,Patel AK,Kachhwaha S,Kumawat RN,Joshi M,Joshi CG

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

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

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

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

Patient-delivered partner therapy for chlamydia: health practitioner views on updated guidance in Victoria, Australia.

Sexual health , Volume: 21 2024 Jul

Authors Warda C,Bittleston H,Coombe J,O'Donnell H,Hocking JS,Goller JL

Exploring the anti-inflammatory effects of postbiotic proteins from Lactobacillus delbrueckii CIDCA 133 on inflammatory bowel disease model.

International journal of biological macromolecules , Volume: 277 Issue: Pt 2 2024 Jul 26

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

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

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

International journal of obesity (2005) , 2024 Jul 20

Authors Visuthranukul C,Sriswasdi S,Tepaamorndech S,Chamni S,Leelahanichkul A,Joyjinda Y,Aksornkitti V,Chomtho S

A 90-day subchronic exposure to heated tobacco product aerosol caused differences in intestinal inflammation and microbiome dysregulation in rats.

Nicotine & tobacco research : official journal of the Society for Research on Nicotine and Tobacco , 2024 Jul 19

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

Consumption of dietary turmeric promotes fat browning and thermogenesis in association with gut microbiota regulation in high-fat diet-fed mice.

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

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

Modulation of Human Gut Microbiota In Vitro by Inulin-Type Fructan from Codonopsis pilosula Roots.

Indian journal of microbiology , Volume: 64 Issue: 2 2024 Jun

Authors Li J,Cao L,Ji J,Shen M,Gao J

The Efficacy of Antimicrobial Peptides Against Gentamicin-Resistant Klebsiella pneumoniae [Letter].

Infection and drug resistance , Volume: 17 2024

Authors Mardiana M

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

Biopolymers , Volume: 115 Issue: 6 2024 Nov

Authors Khodaparast FK,Pirsia 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

- Modulation of human gut microbiota by linear and branched fructooligosaccharides in an in vitro colon model (TIM-2).
- Journal of applied microbiology , Volume: 135 Issue: 7 2024 Jul 2**
- Authors Popov IV,Koopmans B,Venema K**
- 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**
- Growth performance, nutrients digestibility, intestinal microbiota and histology altered in broilers fed maize- or sorghum-based diets.
- The veterinary quarterly , Volume: 44 Issue: 1 2024 Dec**
- Authors Ahmad A,Sultan A,Naz S,Chand N,Islam Z,Alhidary IA,Khan RU,Abdelrahman SH,Dai S**
- Lactobacillus delbrueckii Ameliorated Blood Lipids via Intestinal Microbiota Modulation and Fecal Bile Acid Excretion in a Ningxiang Pig Model.
- Animals : an open access journal from MDPI , Volume: 14 Issue: 12 2024 Jun 17**
- Authors Hou G,Wei L,Li R,Chen F,Yin J,Huang X,Yin Y**
- Procyanidin B1 and Coumaric Acid from Highland Barley Alleviated High-Fat-Diet-Induced Hyperlipidemia by Regulating PPAR α -Mediated Hepatic Lipid Metabolism and Gut Microbiota in Diabetic C57BL/6J Mice.
- Foods (Basel, Switzerland) , Volume: 13 Issue: 12 2024 Jun 12**
- Authors Liu Z,Liu J,Tang R,Zhang Z,Tian S**
- Metabolic and microbial mechanisms related to the effects of dietary wheat levels on intramuscular fat content in finishing pigs.
- Meat science , Volume: 216 2024 Oct**
- Authors Wang J,Zhu H,Li H,Xia S,Zhang F,Liu C,Zheng W,Yao W**
- Effect of gallium nitrate on the antibacterial activity of vancomycin in methicillin-sensitive and resistant *Staphylococcus aureus*.
- Archives of microbiology , Volume: 206 Issue: 7 2024 Jun 15**
- Authors Mohammad Hanifeh N,Keyvani-Ghamsari S,Khorsandi K,Mahmoodi Khaledi E**
- Amelioration of walnut, peony seed and camellia seed oils against D-galactose-induced cognitive impairment in mice by regulating gut microbiota.
- Food & function , Volume: 15 Issue: 13 2024 Jul 1**
- Authors Kang T,Zheng J,Jiang C,Jin L,Li C,Chen B,Shen Y**
- A host-microbial metabolite interaction gut-on-a-chip model of the adult human intestine demonstrates beneficial effects upon inulin treatment of gut microbiome.
- Microbiome research reports , Volume: 3 Issue: 2 2024**
- Authors Donkers JM,Wiese M,van den Broek TJ,Wierenga E,Agamennone V,Schuren F,van de Steeg E**
- Safety and effects of acetylated and butyrylated high amylose maize starch in recently diagnosed youths with type 1 diabetes: a Pilot Study.
- medRxiv : the preprint server for health sciences , 2024 Jun 3**
- Authors Ismail HM,Liu J,Netherland M Jr,Evans-Molina C,DiMeglio LA**
- 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 Almwallad SJ,Alqahtani LS**
- Rosmarinic acid alleviates fungal keratitis caused by *Aspergillus fumigatus* by inducing macrophage autophagy.
- Experimental eye research , Volume: 244 2024 Jul**
- Authors Wang Z,Lin J,Wang Q,Fu Y,Gu L,Tian X,Yu B,Fu X,Zheng H,Li C,Zhao G**
- Curcumin supplementation alleviates hepatic fat content associated with modulation of gut microbiota-dependent bile acid metabolism in patients with nonalcoholic simple fatty liver disease: a randomized controlled trial.
- The American journal of clinical nutrition , Volume: 120 Issue: 1 2024 Jul**
- Authors He Y,Chen X,Li Y,Liang Y,Hong T,Yang J,Cao Z,Mai H,Yao J,Zhang T,Wu K,Zou J,Feng D**
- Comparative study the alleviated effects of various oligosaccharides on colitis in mice.
- International immunopharmacology , Volume: 135 2024 Jun 30**
- Authors Wang L,Pan Y,Zhang X,Ren X**
- Optimizing *Akkermansia muciniphila* Isolation and Cultivation: Insights into Gut Microbiota Composition and Potential Growth Promoters in a Chinese Cohort.

Microorganisms , Volume: 12 Issue: 5 2024 Apr 28

Authors Meng X,Xv C,Lv J,Zhang S,Ma C,Pang X

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

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

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

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

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

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

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

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

Authors Seo Y,Kim M,Kim TJ

Maternal or post-weaning dietary fructo-oligosaccharide supplementation reduces stillbirth rate of sows and diarrhea of weaned piglets.

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

Authors Ma K,Su B,Li F,Li J,Nie J,Xiong W,Luo J,Huang S,Zhou T,Liang X,Li F,Deng J,Tan C

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

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

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

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

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

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

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

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

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

Effects of garlic-derived fructan and oligofructose mixtures on intestinal health and constipation relief in mice.

Journal of the science of food and agriculture , Volume: 104 Issue: 12 2024 Sep

Authors Xie C,Gao W,Liang X,Chey FY

Lactobacillus delbrueckii CIDCA 133 fermented milk modulates inflammation and gut microbiota to alleviate acute colitis.

Food research international (Ottawa, Ont.) , Volume: 186 2024 Jun

Authors de Jesus LCL,Freitas ADS,Dutra JDCF,Campos GM,Américo MF,Laguna JG,Dornelas EG,Carvalho RDO,Vital KD,Fernandes SOA,Cardoso VN,de Oliveira JS,de Oliveira MFA,Faria AMC,Ferreira E,Souza RO,Martins FS,Barroso FAL,Azevedo V

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

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

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

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

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

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

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

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

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

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

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

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

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

Longitudinal Microbiome Changes in Children Exposed to Proton Pump Inhibitors.

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

Authors Zhang YJ,Connearney S,Hester L,Du M,Catacora A,Akkara A,Wen A,Bry L,Alm EJ,Rosen R

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

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

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

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

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

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

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

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

Poultry science , Volume: 103 Issue: 5 2024 May

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

Konjac Oligosaccharides Alleviated Ovariectomy-Induced Bone Loss through Gut Microbiota Modulation and Treg/Th17 Regulation.

Journal of agricultural and food chemistry , 2024 Mar 29

Authors Ai T,Shang L,Li B,Li J,Qin R

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

Poultry science , Volume: 103 Issue: 6 2024 Jun

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

Postbiotics from *Lactobacillus delbrueckii* Alleviate Intestinal Inflammation by Promoting the Expansion of Intestinal Stem Cells in *S. Typhimurium*-Induced Mice.

Foods (Basel, Switzerland) , Volume: 13 Issue: 6 2024 Mar 14

Authors Wang M,Ren Y,Guo X,Ye Y,Zhu H,Zhang J,Huang Z,Yu K

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

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

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

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

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

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

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

PeerJ , Volume: 12 2024

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

Fructo-oligosaccharide supplementation enhances the growth of nursing dairy calves while stimulating the persistence of *Bifidobacterium* and hindgut microbiome's maturation.

Journal of dairy science , Volume: 107 Issue: 8 2024 Aug

Authors Gao Y,Zhang W,Zhang T,Yu Y,Mao S,Liu J

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

Mannan-oligosaccharides promote gut microecological recovery after antibiotic disturbance.

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

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

Application of cuminaldehyde and ciprofloxacin for the effective control of biofilm assembly of *Pseudomonas aeruginosa*: A combinatorial study.

Microbial pathogenesis , Volume: 190 2024 May

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

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

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

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

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

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

Authors Sohn MB,Gao B,Kendrick C,Srivastava A,Isakova T,Gassman JJ,Fried LF,Wolf M,Cheung AK,Raphael KL,Vinales PC,Middleton JP,Pabalan A,Raj DS,Pilot Studies in CKD Consortium

Diet Mediate the Impact of Host Habitat on Gut Microbiome and Influence Clinical Indexes by Modulating Gut Microbes and Serum Metabolites.

Advanced science (Weinheim, Baden-Wurtemberg, Germany) , 2024 Mar 13

Authors Zhang J,Qi H,Li M,Wang Z,Jia X,Sun T,Du S,Su C,Zhi M,Du W,Ouyang Y,Wang P,Huang F,Jiang H,Li L,Bai J,Wei Y,Zhang X,Wang H,Zhang B,Feng Q

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

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

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

Short-term resistance training combined with cheese supplementation can optimize body parameters and intestinal microbiota in healthy adults.

Journal of exercise science and fitness , Volume: 22 Issue: 2 2024 Apr

Authors Lin YH,Li XH,Zhao HT,Chen JH,Li JQ,Yan Y

The differential effect of two cereal foods on gut environment: a randomized, controlled, double-blind, parallel-group study.

Frontiers in nutrition , Volume: 10 2023

Authors Yamauchi Y,Masutomi H,Ishihara K,Hartanto T,Lee CG,Fukuda S

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

Microbiome research reports , Volume: 3 Issue: 1 2024

Authors Diaz R,Garrido D

Curcumin protects mice with myasthenia gravis by regulating the gut microbiota, short-chain fatty acids, and the Th17/Treg balance.

Heliyon , Volume: 10 Issue: 4 2024 Feb 29

Authors Sun J,Xie Q,Sun M,Zhang W,Wang H,Liu N,Wang M

Inhibitory Effects of Endemic Thyme's Thymol-Carvacrol Chemotype Essential Oil on Aspergillus Species with Free Radical Scavenging Properties.

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

Authors Mirahmadi SF,Shayganfar A

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

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

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

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

Curcumin attenuates aflatoxin B1-induced ileum injury in ducks by inhibiting NLRP3 inflammasome and regulating TLR4/NF- κ B signaling pathway.

Mycotoxin research , Volume: 40 Issue: 2 2024 May

Authors Pan H,Hu T,He Y,Zhong G,Wu S,Jiang X,Rao G,You Y,Ruan Z,Tang Z,Hu L

The Immunomodulatory Effects of A2 β -Casein on Immunosuppressed Mice by Regulating Immune Responses and the Gut Microbiota.

Nutrients , Volume: 16 Issue: 4 2024 Feb 13

Authors Li X,Lu X,Liu M,Zhang Y,Jiang Y,Yang X,Man C

Combination treatment to improve mucociliary transport of Pseudomonas aeruginosa biofilms.

PLoS one , Volume: 19 Issue: 2 2024

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

Human gut microbiota fermentation of cooked eggplant, garlic, and onion supports distinct microbial communities.

Food & function , Volume: 15 Issue: 5 2024 Mar 4

Authors Rajakaruna S,Pérez-Burillo S,Rufián-Henares JÁ,Paliy O

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

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

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

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

Milk to mucus: How *B. fragilis* colonizes the gut.

Cell host & microbe , Volume: 32 Issue: 2 2024 Feb 14

Authors Olm MR,Mueller NT

Biochemical Profiling and Physicochemical and Biological Valorization of Iraqi Honey: A Comprehensive Analysis.

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

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

Dietary Lactobacillus delbrueckii Affects Ileal Bacterial Composition and Circadian Rhythms in Pigs.

Animals : an open access journal from MDPI , Volume: 14 Issue: 3 2024 Jan 26

Authors Luo W,Yin Z,Zhang M,Huang X,Yin J

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

Effect of *Lacticaseibacillus paracasei* K56 with galactooligosaccharide synbiotics on obese individuals: an in vitro fermentation model.

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

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

Effect of ginger supplementation on the fecal microbiome in subjects with prior colorectal adenoma.

Scientific reports , Volume: 14 Issue: 1 2024 Feb 5

Authors Prakash A,Rubin N,Staley C,Onyeaghalia G,Wen YF,Shaukat A,Milne G,Straka RJ,Church TR,Prizment A

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

Food & function , 2024 Feb 2

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

Temporal gut microbiota variability and association with dietary patterns: From the one-year observational Diet, Cancer, and Health - Next Generations MAX study.

The American journal of clinical nutrition , Volume: 119 Issue: 4 2024 Apr

Authors Rostgaard-Hansen AL,Esberg A,Dicksved J,Hansen T,Pelv E,Brunius C,Halkjær J,Tjønneland A,Johansson I,Landberg R

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

Microorganisms , Volume: 12 Issue: 1 2023 Dec 19

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

Enhancing immune response, antioxidant capacity, and gut health in growing beagles through a chitoooligosaccharide diet.

Frontiers in veterinary science , Volume: 10 2023

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

Wheat Bran Polyphenols Ameliorate DSS-Induced Ulcerative Colitis in Mice by Suppressing MAPK/NF-?B Inflammasome Pathways and Regulating Intestinal Microbiota.

Foods (Basel, Switzerland) , Volume: 13 Issue: 2 2024 Jan 10

Authors Wen X,Peng H,Zhang H,He Y,Guo F,Bi X,Liu J,Sun Y

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

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

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

Fructose dose-dependently influences colon barrier function by regulation of some main physical, immune, and biological factors in rats.

The Journal of nutritional biochemistry , Volume: 126 2024 Apr

Authors Gan Q,Song G,Fang W,Wang Y,Qi W

Effect of chemical, thermal, and enzymatic processing of wheat bran on the solubilization, technological and biological properties of non-starch polysaccharides.

Carbohydrate polymers , Volume: 328 2024 Mar 15

Authors Paesani C,Lammers TCGL,Sciarini LS,Moiraghi M,Pérez GT,Fabi JP

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

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

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

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*

Prospective Randomized, Double-Blind, Placebo-Controlled Study of a Standardized Oral Pomegranate Extract on the Gut Microbiome and Short-Chain Fatty Acids.

Foods (Basel, Switzerland) , Volume: 13 Issue: 1 2023 Dec 19

Authors *Sivamani RK,Chakkalakal M,Pan A,Nadora D,Min M,Dumont A,Burney WA,Chambers CJ*

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

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

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

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

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

Authors *Liu H,Nie C,Hu X,Li J*

Moringa oleifera leaf alleviates functional constipation via regulating the gut microbiota and the enteric nervous system in mice.

Frontiers in microbiology , Volume: 14 2023

Authors *Gao X,Yang W,Li S,Liu S,Yang W,Song S,Sheng J,Zhao Y,Tian 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 Al,Zamora-Bustillo R,Ortiz-Vázquez E*

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

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

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

Mannan oligosaccharides improve the fur quality of raccoon dogs by regulating the gut microbiota.

Frontiers in microbiology , Volume: 14 2023

Authors *Yuan C,Ren L,Sun R,Yun X,Zang X,Zhang A,Wu M*

Molecular docking, molecular dynamics simulation, and MM/PBSA analysis of ginger phytocompounds 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*

Therapeutic effects of curcumin on constipation-predominant irritable bowel syndrome is associated with modulating gut microbiota and neurotransmitters.

Frontiers in microbiology , Volume: 14 2023

Authors *Tu X,Ren H,Bu S*

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

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

Authors *Alshahrani A,Ali A,Abdelwahab SF*

Air particulate pollution exposure associated with impaired cognition via microbiota gut-brain axis: an evidence from rural elderly female in northwest China.

Environmental science and pollution research international , Volume: 31 Issue: 4 2024 Jan

Authors *Yuan J,Tan H,Cheng Y,Ma X,Jiang S,Hou X,Li S,Shi L,Li P,Xu H,Lv J,Han B*

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

The Journal of nutritional biochemistry , Volume: 125 2024 Mar

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

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*

Combinatorial application of cuminaldehyde and gentamicin shows enhanced antimicrobial and antibiofilm action on *Pseudomonas aeruginosa*.

Folia microbiologica , Volume: 69 Issue: 4 2024 Aug

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

Effects of *Spirulina platensis* and/or *Allium sativum* on Antioxidant Status, Immune Response, Gut Morphology, and Intestinal Lactobacilli and Coliforms of Heat-Stressed Broiler Chicken.

Veterinary sciences , Volume: 10 Issue: 12 2023 Nov 27

Authors Attia YA,Hassan RA,Addeo NF,Bovera F,Alhotan RA,Al-Qurashi AD,Al-Baadani HH,Al-Banoby MA,Khafaga AF,Eisenreich W,Shehata AA,Basiouni S

Proton Pump Inhibitors Modulate Gene Expression Profile in Esophageal Mucosa and Microbiome.

The journal of pediatric pharmacology and therapeutics : JPPT : the official journal of PPAG , Volume: 28 Issue: 6 2023

Authors Rajagopala SV,Shilts MH,Correa H,Das SR,Choksi YA,Jacobse J,Goettel JA,Hiremath G

The effect of different prebiotics on intestinal probiotics in newly diagnosed diabetic patients.

Food science & nutrition , Volume: 11 Issue: 12 2023 Dec

Authors Zhang Y,Yang L,Wu Y,He H,Zeng Y,An Z,Jia W

In silico design and mechanistic study of niosome-encapsulated curcumin against multidrug-resistant *Staphylococcus aureus* biofilms.

Frontiers in microbiology , Volume: 14 2023

Authors Khaleghian M,Sahrayi H,Hafezi Y,Mirshafeeyan M,Moghaddam ZS,Farasati Far B,Noorbazargan H,Mirzaie A,Ren Q

Identification of inulin-responsive bacteria in the gut microbiota via multi-modal activity-based sorting.

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

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

Effects of fulvic acid on broiler performance, blood biochemistry, and intestinal microflora.

Poultry science , Volume: 103 Issue: 2 2024 Feb

Authors Liu L,Yang N,Chen Y,Xu Z,Zhang Q,Miao X,Zhao Y,Hu G,Liu L,Song Z,Li X

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

Anti-allergic effects of *Ulva*-derived polysaccharides, oligosaccharides and residues in a murine model of food allergy.

Heliyon , Volume: 9 Issue: 12 2023 Dec

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

Insoluble/soluble fraction ratio determines effects of dietary fiber on gut microbiota and serum metabolites in healthy mice.

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

Authors Zhang Y,Hu J,Zhong Y,Liu S,Liu L,Mu X,Chen C,Yang S,Li G,Zhang D,Huang X,Yang J,Huang X,Bian S,Nie S

Impact of structurally diverse polysaccharides on colonic mucin O-glycosylation and gut microbiota.

NPJ biofilms and microbiomes , Volume: 9 Issue: 1 2023 Dec 11

Authors Zhao T,Zhang Y,Nan L,Zhu Q,Wang S,Xie Y,Dong X,Cao C,Lin X,Lu Y,Liu Y,Huang L,Gong G,Wang Z

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

Effects of Dietary Level of Corn Bran on Laying Performance and Cecum Microbial Communities in Laying Ducks.

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

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

Phytobiotic-Prebiotic Feed Additive Containing a Combination of Carob Pulp, Chicory, and Fenugreek Improve Growth Performance, Carcass Traits, and Fecal Microbiota of Fattening Pigs.

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

Authors Juhász Á,Molnár-Nagy V,Bata Z,Tso KH,Posta K

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

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

Authors Seo J,Na IY,Ko KS

Analysis of the antibacterial effects of turmeric on particular bacteria.

Medicine , Volume: 102 Issue: 48 2023 Dec 1

Authors Odo EO,Ikwuegbu JA,Obeagú El,Chibueze SA,Ochiaka RE

Effects of different wheat bran fermentation sources on growth performance, nutrient digestibility, serum antioxidant capacity and fecal microbiota in growing pigs.

Frontiers in veterinary science , Volume: 10 2023

Authors Liu H,Ren X,Li Y,Cao Q,Yang L,Jiang S,Fu J,Gao J,Yan L,Li J,Yang W

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

Environmental science and pollution research international , Volume: 31 Issue: 1 2024 Jan**Authors Dong X,Deng L,Su Y,Han X,Yao S,Wu W,Cao J,Tian L,Bai Y,Wang G,Ren W**Green synthesis of biogenic selenium nanoparticles functionalized with ginger dietary extract targeting virulence factor and biofilm formation in Candida albicans.**Microbial pathogenesis , Volume: 186 2024 Jan****Authors Thombre D,Shelar A,Nakhale S,Khairnar B,Karale N,Sangshetti J,Nile SH,Patil R**Antioxidant Capacity of Eugenol and Its Effect on Intestinal Flora Under in Vitro Simulated Conditions.**Studies in health technology and informatics , Volume: 308 2023 Nov 23****Authors Dai J**Influence of Prolonged Whole Egg Supplementation on Insulin-like Growth Factor 1 and Short-Chain Fatty Acids Product: Implications for Human Health and Gut Microbiota.**Nutrients , Volume: 15 Issue: 22 2023 Nov 16****Authors Suta S,Ophakas S,Manosan T,Honwichit O,Charoensiddhi S,Surawit A,Pongkunakorn T,Purneiam S,Mongkolsucharitkul P,Pinsawas B,Sutheeworapong S,Puangsombat P,Khoomrung S,Mayurasakorn K**Vancomycin flushing syndrome in orthopaedic practice: A case report.**World journal of orthopedics , Volume: 14 Issue: 10 2023 Oct 18****Authors Al-Anii FM,Sadat-Ali M,Al-Tabash KW,AlMulhim AI,AlMousa SA,AlHawas AM**Gut microbiome supplementation as therapy for metabolic syndrome.**World journal of diabetes , Volume: 14 Issue: 10 2023 Oct 15****Authors Antony MA,Chowdhury A,Edem D,Raj R,Nain P,Joglekar M,Verma V,Kant R**Mendelian-randomization study reveals causal relationships between nitrogen dioxide and gut microbiota.**Ecotoxicology and environmental safety , Volume: 267 2023 Nov 8****Authors Yang H,Shi P,Li M,Kong L,Liu S,Jiang L,Yang J,Xu B,Yang T,Xi S,Liu W**Inulin prebiotic ameliorates type 1 diabetes dictating regulatory T cell homing via CCR4 to pancreatic islets and butyrogenic gut microbiota in murine model.**Journal of leukocyte biology , Volume: 115 Issue: 3 2024 Feb 23****Authors Guimarães JB,Rodrigues VF,Pereira ÍS,Manso GMDC,Elias-Oliveira J,Leite JA,Waldetario MCGM,de Oliveira S,Gomes ABDSF,Faria AMC,Ramos SG,Bonato VLD,Silva JS,Vinolo MAR,Sampaio UM,Clerici MTPS,Carlos D**Utilization of diverse oligosaccharides for growth by Bifidobacterium and Lactobacillus species and their in vitro co-cultivation characteristics.**International microbiology : the official journal of the Spanish Society for Microbiology , 2023 Nov 9****Authors Dong Y,Han M,Fei T,Liu H,Gai Z**Dietary Galactooligosaccharides Supplementation as a Gut Microbiota-Regulating Approach to Lower Early Life Arsenic Exposure.**Environmental science & technology , 2023 Nov 9****Authors Zhang YS,Juhasz AL,Xi JF,Ma LQ,Zhou D,Li HB**Effectiveness of probiotics and clove essential oils in improving growth performance, immuno-antioxidant status, ileum morphometric, and microbial community structure for heat-stressed broilers.**Scientific reports , Volume: 13 Issue: 1 2023 Nov 1****Authors Elbaz AM,Ashmawy ES,Ali SAM,Mourad DM,El-Samahy HS,Badri FB,Thabet HA**Spices as Sustainable Food Preservatives: A Comprehensive Review of Their Antimicrobial Potential.**Pharmaceuticals (Basel, Switzerland) , Volume: 16 Issue: 10 2023 Oct 12****Authors Sulieman AME,Abdallah EM,Alanazi NA,Ed-Dra A,Jamal A,Idriss H,Alshammari AS,Shommo SAM**Differential effects of plant-based flours on metabolic homeostasis and the gut microbiota in high-fat fed rats.**Nutrition & metabolism , Volume: 20 Issue: 1 2023 Oct 19****Authors Martinez TM,Wachsmuth HR,Meyer RK,Weninger SN,Lane AI,Kangath A,Schiro G,Laubitz D,Stern JH,Duca FA**Pectic oligosaccharides ameliorate high-fat diet-induced obesity and hepatic steatosis in association with modulating gut microbiota in mice.**Food & function , Volume: 14 Issue: 21 2023 Oct 30****Authors Yu S,Wang H,Cui L,Wang J,Zhang Z,Wu Z,Lin X,He N,Zou Y,Li S**Bifidobacteria metabolize lactulose to optimize gut metabolites and prevent systemic infection in patients with liver disease.**Nature microbiology , Volume: 8 Issue: 11 2023 Nov****Authors Odenwald MA,Lin H,Lehmann C,Dylla NP,Cole CG,Mostad JD,Pappas TE,Ramaswamy R,Moran A,Hutchison AL,Stutz MR,Dela Cruz M,Adler E,Boissiere J,Khalid M,Cantoral J,Haro F,Oliveira RA,Waligurski E,Cotter TG,Light SH,Beavis KG,Sundararajan A,Sidebottom AM,Reddy KG,Paul S,Pillai A,Te HS,Rinella ME,Charlton MR,Pamer EG,Aronsohn AI**Short-term dietary choline supplementation alters the gut microbiota and liver metabolism of finishing pigs.**Frontiers in microbiology , Volume: 14 2023****Authors Xie Z,Du J,Gan M,Zhou C,Li M,Liu C,Wang M,Chen L,Zhao Y,Wang Y,Jiang Y,Cheng W,Zhu K,Luo Y,Zhu L,Shen L**

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

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

Authors Doghish AS,Shehabeldine AM,El-Mahdy HA,Hassanin MMH,Al-Askar AA,Marey SA,AbdElgawad H,Hashem AH
Whole-Grain Highland Barley Attenuates Atherosclerosis Associated with NLRP3 Inflammasome Pathway and Gut Microbiota in ApoE(-/-) Mice.

Nutrients , Volume: 15 Issue: 19 2023 Sep 28

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

High-fructose corn syrup aggravates colitis via microbiota dysbiosis-mediated Th17/Treg imbalance.

Clinical science (London, England : 1979) , Volume: 137 Issue: 20 2023 Oct 31

Authors Zhou M,Liu X,He J,Xu X,Ju C,Luo S,Lu X,Du P,Chen Y

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

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

Life sciences , Volume: 334 2023 Dec 1

Authors Li X,Wang L

Regulatory effect of lactulose on intestinal flora and serum metabolites in colitis mice: In vitro and in vivo evaluation.

Food chemistry: X , Volume: 19 2023 Oct 30

Authors Bai J,Wang B,Tan X,Huang L,Xiong S

Retracted: Efficacy of Jiedu Pingsou Decoction Combined with Azithromycin in the Treatment of Children with Mycoplasma Pneumonia and Its Effects on Inflammatory Factors and Immune Function.

Journal of healthcare engineering , Volume: 2023 2023

Authors Healthcare Engineering JO

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

Pharmaceutics , Volume: 15 Issue: 9 2023 Aug 22

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

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

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

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

Mannan oligosaccharides selenium ameliorates intestinal mucosal barrier, and regulate intestinal microbiota to prevent Enterotoxicigenic Escherichia coli -induced diarrhea in weaned piglets.

Ecotoxicology and environmental safety , Volume: 264 2023 Oct 1

Authors Zha A,Tu R,Qi M,Wang J,Tan B,Liao P,Wu C,Yin Y

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 Root Powder on Gastrointestinal Bacteria Composition, Gastrointestinal Symptoms, Mental Health, Fatigue, and Quality of Life: A Double-Blind Placebo-Controlled Trial.

The Journal of nutrition , Volume: 153 Issue: 11 2023 Nov

Authors Crichton M,Marshall S,Marx W,Isenring E,Vázquez-Campos X,Dawson SL,Lohning A

Impact of azithromycin, doxycycline and redox-active small molecules on amoxicillin-induced Chlamydia pneumoniae persistence.

Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 167 2023 Nov

Authors Taavitsainen-Wahlroos E,Reigada I,Sulmona I,Hanski L

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

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

Authors Dawoud T,Ameen F

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

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

2023 Dec

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

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

BioMed research international , Volume: 2023 2023

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

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

The Journal of nutritional biochemistry , Volume: 121 2023 Nov

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

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

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

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

Immunomodulatory effects of inulin and its intestinal metabolites.

Frontiers in immunology , Volume: 14 2023

Authors Sheng W,Ji G,Zhang L

Relationship between Oat Consumption, Gut Microbiota Modulation, and Short-Chain Fatty Acid Synthesis: An Integrative Review.

Nutrients , Volume: 15 Issue: 16 2023 Aug 11

Authors Fabiano GA,Shinn LM,Antunes AEC

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

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

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

Efficacy of Minocycline for the Treatment of Mycoplasma genitalium.

Open forum infectious diseases , Volume: 10 Issue: 8 2023 Aug

Authors Clarke EJ,Vodstrcil LA,Plummer EL,Aguirre I,Samra RS,Fairley CK,Chow EPF,Bradshaw CS

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 brasileira de biologia , Volume: 83 2023

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

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

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

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

Association of cigarette smoking with risk of colorectal cancer subtypes classified by gut microbiota.

Tobacco induced diseases , Volume: 21 2023

Authors Cai JA,Zhang YZ,Yu ED,Ding WQ,Li ZS,Zhong L,Cai QC

Dietary Supplementation with Popped Amaranth Modulates the Gut Microbiota in Low Height-for-Age Children: A Nonrandomized Pilot Trial.

Foods (Basel, Switzerland) , Volume: 12 Issue: 14 2023 Jul 20

Authors Calva-Cruz OJ,Ovando-Vázquez C,De León-Rodríguez A,Veana F,Espitia-Rangel E,Treviño S,Barba-de la Rosa AP

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

Food & function , 2023 Jul 14

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

Influences of wheat bran fiber on growth performance, nutrient digestibility, and intestinal epithelium functions in Xiangcun pigs.

Heliyon , Volume: 9 Issue: 7 2023 Jul

Authors Liu J,Luo Y,Kong X,Yu B,Zheng P,Huang Z,Mao X,Yu J,Luo J,Yan H,He J

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

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

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

Physicochemical, Rheological, and Sensory Characteristics of Yogurt Fermented by Lactic Acid Bacteria with Probiotic Potential and Bioprotective Properties.

Foods (Basel, Switzerland) , Volume: 12 Issue: 13 2023 Jun 29

Authors Hoxha R,Evstatieva Y,Nikolova D

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

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

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

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

Heliyon , Volume: 9 Issue: 6 2023 Jun

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

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

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

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

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

Goat and cow milk differ in altering the microbiota composition and neurotransmitter levels in insomnia mouse models.

Food & function , Volume: 14 Issue: 14 2023 Jul 17

Authors Mo L,Jing H,Du X,Zhao C,Lin Y,Li J,Wang H

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,Bâlici ?,Teodoru CA

Association of Estimated Daily Lactose Consumption, Lactase Persistence Genotype (rs4988235), and Gut Microbiota in Healthy Adults in the United States.

The Journal of nutrition , Volume: 153 Issue: 8 2023 Aug

Authors Kable ME,Chin EL,Huang L,Stephensen CB,Lemay DG

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

The Journal of nutrition , 2023 Jun 20

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

Crosstalk between dietary pomegranate and gut microbiota: evidence of health benefits.

Critical reviews in food science and nutrition , 2023 Jun 19

Authors Yin Y,Martínez R,Zhang W,Estévez M

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

Cureus , Volume: 15 Issue: 6 2023 Jun

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

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

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

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

Investigating the modulatory effects of *Moringa oleifera* on the gut microbiota of chicken model through metagenomic approach.

Frontiers in veterinary science , Volume: 10 2023

Authors Soundararajan S,Selvakumar J,Maria Joseph ZM,Gopinath Y,Saravanan V,Santhanam R

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

Microorganisms , Volume: 11 Issue: 5 2023 May 9

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

Modulatory Effects of A1 Milk, A2 Milk, Soy, and Egg Proteins on Gut Microbiota and Fermentation.

Microorganisms , Volume: 11 Issue: 5 2023 May 3

Authors Nuomin,Baek R,Tsuruta T,Nishino N

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

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

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

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

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

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

The improvement of intestinal dysbiosis and hepatic metabolic dysfunction in dextran sulfate sodium-induced colitis mice: effects of curcumin.

Journal of gastroenterology and hepatology , Volume: 38 Issue: 8 2023 Aug

Authors Zhou F,Mai T,Wang Z,Zeng Z,Shi J,Zhang F,Kong N,Jiang H,Guo L,Xu M,Lin J

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

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

Frontiers in nutrition , Volume: 10 2023

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

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

European journal of pharmacology , Volume: 951 2023 May 12

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

Milk protects against sarcopenic obesity due to increase in the genus Akkermansia in faeces of db/db mice.

Journal of cachexia, sarcopenia and muscle , Volume: 14 Issue: 3 2023 Jun

Authors Okamura T,Hamaguchi M,Nakajima H,Kitagawa N,Majima S,Senmaru T,Okada H,Ushigome E,Nakanishi N,Sasano R,Fukui M

Cross-talks between gut microbiota and tobacco smoking: a two-sample Mendelian randomization study.

BMC medicine , Volume: 21 Issue: 1 2023 Apr 28

Authors Fan J,Zhou Y,Meng R,Tang J,Zhu J,Aldrich MC,Cox NJ,Zhu Y,Li Y,Zhou D

Lactulose regulates gut microbiota dysbiosis and promotes short-chain fatty acids production in acute pancreatitis patients with intestinal dysfunction.

Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 163 2023 Jul

Authors Wang J,Jiang M,Hu Y,Lei Y,Zhu Y,Xiong H,He C

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

Microorganisms , Volume: 11 Issue: 4 2023 Apr 14

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

Lung-gut axis of microbiome alterations following co-exposure to ultrafine carbon black and ozone.

Particle and fibre toxicology , Volume: 20 Issue: 1 2023 Apr 21

Authors Mazumder MHH,Gandhi J,Majumder N,Wang L,Cumming RI,Stradtman S,Velayutham M,Hathaway QA,Shannahan J,Hu G,Nurkiewicz TR,Tighe RM,Kelley EE,Hussain S

Sialic acid exacerbates gut dysbiosis-associated mastitis through the microbiota-gut-mammary axis by fueling gut microbiota disruption.

Microbiome , Volume: 11 Issue: 1 2023 Apr 17

Authors Zhao C,Hu X,Qiu M,Bao L,Wu K,Meng X,Zhao Y,Feng L,Duan S,He Y,Zhang N,Fu Y

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

Experimental gerontology , Volume: 176 2023 Jun 1

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

Effects of Pomegranate Peel Polyphenols Combined with Inulin on Gut Microbiota and Serum Metabolites of High-Fat-Induced Obesity Rats.

Journal of agricultural and food chemistry , Volume: 71 Issue: 14 2023 Apr 12

Authors Shi H,Li X,Hou C,Chen L,Zhang Y,Li J

Antimicrobial and immunoregulatory effects of Lactobacillus delbrueckii 45E against genitourinary pathogens.

Journal of biomedical science , Volume: 30 Issue: 1 2023 Mar 23

Authors Bnfaga AA,Lee KW,Than LTL,Amin-Nordin S

Ethanol extract of propolis regulates type 2 diabetes in mice via metabolism and gut microbiota.

Journal of ethnopharmacology , Volume: 310 2023 Jun 28

Authors Guan R,Ma N,Liu G,Wu Q,Su S,Wang J,Geng Y

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

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

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

Efficacy of incremental loads of cow's milk as a treatment for lactose malabsorption in Japan.

World journal of clinical cases , Volume: 11 Issue: 4 2023 Feb 6

Authors Hasegawa M,Okada K,Nagata S,Sugihara S

The potential role of nondigestible Raffinose family oligosaccharides as prebiotics.

Glycobiology , Volume: 33 Issue: 4 2023 May 17

Authors Kanwal F,Ren D,Kanwal W,Ding M,Su J,Shang X

Different gut microbiota in U.S. formula-fed infants consuming a meat vs. dairy-based complementary foods: A randomized controlled trial.

Frontiers in nutrition , Volume: 9 2022

Authors Tang M,Ma C,Weinheimer-Haus EM,Robertson CE,Kofonow JM,Berman LM,Waljee A,Zhu J,Frank DN,Krebs NF

An in vitro analysis of how lactose modifies the gut microbiota structure and function of adults in a donor-independent manner.

Frontiers in nutrition , Volume: 9 2022

Authors Firman J,Liu L,Mahalak K,Hu W,Bittinger K,Moustafa A,Jones SM,Narrows A,Tomasula P

The Dietary Fermentable Fiber Inulin Alters the Intestinal Microbiome and Improves Chronic Kidney Disease Mineral-Bone Disorder in a Rat Model of CKD.

bioRxiv : the preprint server for biology , 2023 Jan 31

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

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

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

Authors Chien YH,Yu YH,Chen YW

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

Inulin supplementation prior to mild traumatic brain injury mitigates gut dysbiosis, and brain vascular and white matter deficits in mice.

Frontiers in microbiomes , Volume: 1 2022

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

Accumulation of Black Carbon Particles in Placenta, Cord Blood, and Childhood Urine in Association with the Intestinal Microbiome Diversity and Composition in Four- to Six-Year-Old Children in the ENVIRONAGE Birth Cohort.

Environmental health perspectives , Volume: 131 Issue: 1 2023 Jan

Authors Van Pee T,Hogervorst J,Dockx Y,Witters K,Thijs S,Wang C,Bongaerts E,Van Hamme JD,Vangronsveld J,Ameloot M,Raes J,Nawrot TS

A diet enriched in omega-3 PUFA and inulin prevents type 1 diabetes by restoring gut barrier integrity and immune homeostasis in NOD mice.

Frontiers in immunology , Volume: 13 2022

Authors Lo Conte M,antonini Cencicchio M,Ulaszewska M,Nobili A,Cosorich I,Ferrarese R,Massimino L,Andolfo A,Ungaro F,Mancini N,Falcone M

A Novel Approach Based on Gut Microbiota Analysis and Network Pharmacology to Explain the Mechanisms of Action of Cichorium intybus L Formula in the Improvement of Hyperuricemic Nephropathy in Rats.

Drug design, development and therapy , Volume: 17 2023

Authors Amatjan M,Li N,He P,Zhang B,Mai X,Jiang Q,Xie H,Shao X

Fructooligosaccharides (FOS) differentially modifies the in vitro gut microbiota in an age-dependent manner.

Frontiers in nutrition , Volume: 9 2022

Authors Mahalak KK,Firman J,Narrows AB,Hu W,Jones SM,Bittinger K,Moustafa AM,Liu L

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

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

Authors Bakr EA,Gaber M,Saad DR,Salahuddin N

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

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

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

Screening of Antifungal Activity of Essential Oils in Controlling Biocontamination of Historical Papers in Archives.

Antibiotics (Basel, Switzerland) , Volume: 12 Issue: 1 2023 Jan 6

Authors Tomic A,Šovljanski O,Nikolic V,Pezo L,Acimovic M,Cvetkovic M,Stanojev J,Kuzmanovic N,Markov S

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

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

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

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

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

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

Inulin intervention attenuates hepatic steatosis in rats via modulating gut microbiota and maintaining intestinal barrier function.

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

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

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

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

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

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

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

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

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

Curcumin loaded gold nanoparticles-chitosan/sodium alginate nanocomposite for nanotheranostic applications.

Journal of biomaterials science. Polymer edition , Volume: 34 Issue: 7 2023 May

Authors Kolathupalayam Shanmugam B,Rajendran N,Arumugam K,Rangaraj S,Subramani K,Srinivasan S,Nayagam L,Aicher WK,Venkatachalam R

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

Biomedical reports , Volume: 18 Issue: 1 2023 Jan

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

Effects of whole maize high-grain diet feeding on colonic fermentation and bacterial community in weaned lambs.

Frontiers in microbiology , Volume: 13 2022

Authors Cheng C,Yin Y,Bian G

Influence of Dietary Inulin on Fecal Microbiota, Cardiometabolic Risk Factors, Eicosanoids, and Oxidative Stress in Rats Fed a High-Fat Diet.

Foods (Basel, Switzerland) , Volume: 11 Issue: 24 2022 Dec 16

Authors Miralles-Pérez B,Nogués MR,Sánchez-Martos V,Fortuño-Mar À,Ramos-Romero S,Torres JL,Ponomarenko J,Amézqueta S,Zhang X,Romeu M

Galactooligosaccharides ameliorate dietary advanced glycation end product-induced intestinal barrier damage in C57BL/6 mice by modulation of the intestinal microbiome.

Food & function , 2022 Dec 20

Authors Nie C,Xie X,Liu H,Yuan X,Ma Q,Tu A,Zhang M,Chen Z,Li J

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

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

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

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

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

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

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

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

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

Black corn (*Zea mays L*) flour has the potential to improve the gut microbiota composition and goblet cell proliferation in mice fed a high-fat diet.

Nutrition research (New York, N.Y.) , Volume: 108 2022 Dec

Authors Verediano TA,Sant'Ana C,Grancieri M,Tako E,Paes MCD,Martino HSD

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

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

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

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

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

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

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

Poultry science , Volume: 102 Issue: 1 2023 Jan

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

Amination Potentially Augments the Ameliorative Effect of Curcumin on Inhibition of the IL-6/Stat3/c-Myc Pathway and Gut Microbial Modulation in Colitis-Associated Tumorigenesis.

Journal of agricultural and food chemistry , Volume: 70 Issue: 46 2022 Nov 23

Authors Koh YC,Tsai YW,Lee PS,Nagabhushanam K,Ho CT,Pan MH

Explainable Artificial Intelligence in the Early Diagnosis of Gastrointestinal Disease.

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

Authors Lee KS,Kim ES

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

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

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

Long-Term Lactulose Administration Improves Dysbiosis Induced by Antibiotic and C. difficile in the PathoGut(TM) SHIME Model.

Antibiotics (Basel, Switzerland) , Volume: 11 Issue: 11 2022 Oct 24

Authors Calatayud M,Duysburgh C,Van den Abbeele P,Franckenstein D,Kuchina-Koch A,Marzorati M

Effect of garlic extract on weight loss and gut microbiota composition in obese women: A double-blind randomized controlled trial.

Frontiers in nutrition , Volume: 9 2022

Authors Ettehad-Marvasti F,Ejtahed HS,Siadat SD,Soroush AR,Hoseini-Tavassoli Z,Hasani-Ranjbar S,Larijani B

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

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

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

Gut microbiome and metabolome analyses reveal the protective effect of special high-docosahexaenoic acid tuna oil on d-galactose-induced aging in mice.

Food science & nutrition , Volume: 10 Issue: 11 2022 Nov

Authors Zhang J,Yi C,Han J,Ming T,Zhou J,Lu C,Li Y,Su X

Curcumin alleviates LPS-induced intestinal homeostatic imbalance through reshaping gut microbiota structure and regulating group 3 innate lymphoid cells in chickens.

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

Authors Ruan D,Wu S,Fouad AM,Zhu Y,Huang W,Chen Z,Gou Z,Wang Y,Han Y,Yan S,Zheng C,Jiang S

Jerusalem artichoke inulin supplementation ameliorates hepatic lipid metabolism in type 2 diabetes mellitus mice by modulating the gut microbiota and fecal metabolome.

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

Authors Li J,Jia S,Yuan C,Yu B,Zhang Z,Zhao M,Liu P,Li X,Cui B

Lactobacillus delbrueckii might lower serum triglyceride levels via colonic microbiota modulation and SCFA-mediated fat metabolism in parenteral tissues of growing-finishing pigs.

Frontiers in veterinary science , Volume: 9 2022

Authors Hou G,Yin J,Wei L,Li R,Peng W,Yuan Y,Huang X,Yin Y

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

Dietary supplementation with low and high polymerization inulin ameliorates adipose tissue inflammation via the TLR4/NF-

?B pathway mediated by gut microbiota disturbance in obese dogs.

Research in veterinary science , Volume: 152 2022 Dec 20

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

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

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

Biomaterials advances , Volume: 141 2022 Oct

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

Brazilian green propolis improves gut microbiota dysbiosis and protects against sarcopenic obesity.

Journal of cachexia, sarcopenia and muscle , Volume: 13 Issue: 6 2022 Dec

Authors Okamura T,Hamaguchi M,Bamba R,Nakajima H,Yoshimura Y,Kimura T,Hashimoto Y,Majima S,Senmaru T,Ushigome E,Nakanishi N,Asano M,Yamazaki M,Nishimoto Y,Yamada T,Fujikura C,Asama T,Okumura N,Takakuwa H,Sasano R,Fukui M

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

Microorganisms , Volume: 10 Issue: 9 2022 Sep 19

Authors Abdelhamed FM,Abdeltawab NF,ElRakaiby MT,Shamma RN,Moneib NA

Quercetin Is a Novel Inhibitor of the Choline Kinase of Streptococcus pneumoniae.

Antibiotics (Basel, Switzerland) , Volume: 11 Issue: 9 2022 Sep 19

Authors Zimmerman T,Ibrahim SA

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

Comprehensive analysis of microbiome, metabolome and transcriptome revealed the mechanisms of *Moringa oleifera* polysaccharide on preventing ulcerative colitis.

International journal of biological macromolecules , Volume: 222 Issue: Pt A 2022 Dec 1

Authors Tian H,Wen Z,Liu Z,Guo Y,Liu G,Sun B

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

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

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

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

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

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

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

Heliyon , Volume: 8 Issue: 9 2022 Sep

Authors Akullo JO,Kiage 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

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

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

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

Milk fat globule membrane supplementation to obese rats during pregnancy and lactation promotes neurodevelopment in offspring via modulating gut microbiota.

Frontiers in nutrition , Volume: 9 2022

Authors Yuan Q,Gong H,Du M,Li T,Mao X

Gastrointestinal health: changes of intestinal mucosa and microbiota in patients with ulcerative colitis and irritable bowel syndrome from PM(2.5)-polluted regions of Ukraine.

Environmental science and pollution research international , Volume: 30 Issue: 3 2023 Jan

Authors Dorofeyev A,Dorofeyeva A,Borysov A,Tolstanova G,Borisova T

Effect of a diet rich in galactose or fructose, with or without fructooligosaccharides, on gut microbiota composition in rats.

Frontiers in nutrition , Volume: 9 2022

Authors Mhd Omar NA,Dicksved J,Kruger J,Zamaratskaia G,Michaëlsson K,Wolk A,Frank J,Landberg R

Curcumin-driven reprogramming of the gut microbiota and metabolome ameliorates motor deficits and neuroinflammation in a mouse model of Parkinson's disease.

Frontiers in cellular and infection microbiology , Volume: 12 2022

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

Nano-Microemulsions of CaCO(3)-Encapsulated Curcumin Ester Derivatives With High Antioxidant and Antimicrobial Activities and pH Sensitivity.

Frontiers in veterinary science , Volume: 9 2022

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

Eugenol, A Major Component of Clove Oil, Attenuates Adiposity, and Modulates Gut Microbiota in High-Fat Diet-Fed Mice.

Molecular nutrition & food research , Volume: 66 Issue: 20 2022 Oct

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

Effects of artificial honey and epigallocatechin-3-gallate on streptococcus pyogenes.

BMC microbiology , Volume: 22 Issue: 1 2022 Aug 26

Authors Jiang X,Lin A,Li S,Shi Y,Zhou F,Felix Gomez GG,Gregory RL,Zhang C,Chen S,Huang R

Tartary Buckwheat Flavonoids Improve Colon Lesions and Modulate Gut Microbiota Composition in Diabetic Mice.

Evidence-based complementary and alternative medicine : eCAM , Volume: 2022 2022

Authors Cheng W,Cai C,Kreft I,Turnšek TL,Zu M,Hu Y,Zhou M,Liao Z

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

Effect of Fructooligosaccharides Supplementation on the Gut Microbiota in Human: A Systematic Review and Meta-Analysis.

Nutrients , Volume: 14 Issue: 16 2022 Aug 12

Authors Dou Y,Yu X,Luo Y,Chen B,Ma D,Zhu J

Postnatal exposure to ambient air pollutants is associated with the composition of the infant gut microbiota at 6-months of age.

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

Authors Bailey MU,Holzhausen EA,Morgan ZEM,Naik N,Shaffer JP,Liang D,Chang HH,Sarnat J,Sun S,Berger PK,Schmidt KA,Lurmann F,Goran MI,Alderete TL

Antimicrobial Properties of Acrylic Resin Incorporated with Propolis Nanoparticles.

Frontiers in dentistry , Volume: 18 2021

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

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

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

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

Nutritionally rich biochemical profile in essential oil of various Mentha species and their antimicrobial activities.

Protoplasma , Volume: 260 Issue: 2 2023 Mar

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

Consumption of Wheat Peptides Improves Functional Constipation: A Translational Study in Humans and Mice.

Molecular nutrition & food research , Volume: 66 Issue: 19 2022 Oct

Authors Wang Q,Shen F,Zhang J,Cai H,Pan Y,Sun T,Gong Y,Du J,Zhong H,Feng F

Oregano Essential Oils Mediated Intestinal Microbiota and Metabolites and Improved Growth Performance and Intestinal Barrier Function in Sheep.

Frontiers in immunology , Volume: 13 2022

Authors Jia L,Wu J,Lei Y,Kong F,Zhang R,Sun J,Wang L,Li Z,Shi J,Wang Y,Wei Y,Zhang K,Lei Z

Bacillus coagulans in Combination with Chitoooligosaccharides Regulates Gut Microbiota and Ameliorates the DSS-Induced Colitis in Mice.

Microbiology spectrum , Volume: 10 Issue: 4 2022 Aug 31

Authors Liu Z,Jiang Z,Zhang Z,Liu T,Fan Y,Liu T,Peng N

Kaempferia parviflora Rhizome Extract as Potential Anti-Acne Ingredient.

Molecules (Basel, Switzerland) , Volume: 27 Issue: 14 2022 Jul 8

Authors Sitthichai P,Chanirom S,Maneerat T,Charoensook 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,Camerlo M,Lanave G,Fracciolla G,Corrente M,Cirone F,Trotta A,Tempista 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

Inulin-type fructans change the gut microbiota and prevent the development of diabetic nephropathy.

Pharmacological research , Volume: 183 2022 Sep

Authors Luo L,Luo J,Cai Y,Fu M,Li W,Shi L,Liu J,Dong R,Xu X,Tu L,Yang Y

Dysregulation of intestinal flora: excess prepackaged soluble fibers damage the mucus layer and induce intestinal inflammation.

Food & function , Volume: 13 Issue: 16 2022 Aug 15

Authors Chen K,Man S,Wang H,Gao C,Li X,Liu L,Wang H,Wang Y,Lu F

Integrated Analysis of the Alterations in Gut Microbiota and Metabolites of Mice Induced After Long-Term Intervention With Different Antibiotics.

Frontiers in microbiology , Volume: 13 2022

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

Liver Transcriptome and Gut Microbiome Analysis Reveals the Effects of High Fructose Corn Syrup in Mice.

Frontiers in nutrition , Volume: 9 2022

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

Alteration of gut microbiota in high-fat diet-induced obese mice using carnosic acid from rosemary.

Food science & nutrition , Volume: 10 Issue: 7 2022 Jul

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

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

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

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

Dietary Eugenol Nanoemulsion Potentiated Performance of Broiler Chickens: Orchestration of Digestive Enzymes, Intestinal Barrier Functions and Cytokines Related Gene Expression With a Consequence of Attenuating the Severity of E. coli O78 Infection.

Frontiers in veterinary science , Volume: 9 2022

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

16S rRNA gene sequencing reveals an altered composition of gut microbiota in children with Mycoplasma pneumoniae pneumonia treated with azithromycin.

The Journal of general and applied microbiology , Volume: 68 Issue: 6 2023 Mar 6

Authors Deng Q,Wang Z,Wu P,Liang H,Wu H,Zhang L,Ying J

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

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

Nutrients , Volume: 14 Issue: 13 2022 Jul 4

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

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

Planta medica , Volume: 89 Issue: 8 2023 Jul

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

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

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

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

Hepatoprotective effect of curcumin against bisphenol A-induced hepatic steatosis via modulating gut microbiota dysbiosis and related gut-liver axis activation in CD-1 mice.

The Journal of nutritional biochemistry , Volume: 109 2022 Nov

Authors Hong T,Jiang X,Zou J,Yang J,Zhang H,Mai H,Ling W,Feng D

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

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

Authors Al-Kafaween MA,Nagi Al-Jamal HA

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

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

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

Fermented milk of cheese-derived *Lactobacillus delbrueckii* subsp. *bulgaricus* displays potentials in alleviating alcohol-induced hepatic injury and gut dysbiosis in mice.

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

Authors Liu M,Liu M,Yang S,Shen C,Wang X,Liu W,Guo Y

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

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

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

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

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

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

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

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

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

In-Vitro Antibacterial Activity of Curcumin-Loaded Nanofibers Based on Hyaluronic Acid against Multidrug-Resistant ESKAPE Pathogens.

Pharmaceutics , Volume: 14 Issue: 6 2022 May 31

Authors Snetkov P,Rogacheva E,Kremleva A,Morozkina S,Uspenskaya M,Kraeva L

Human Milk Oligosaccharides and Lactose Differentially Affect Infant Gut Microbiota and Intestinal Barrier In Vitro.

Nutrients , Volume: 14 Issue: 12 2022 Jun 19

Authors Natividad JM,Marsaux B,Rodenas CLG,Rytz A,Vandevijver G,Marzorati M,Van den Abbeele P,Calatayud M,Rochat F

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,Cetkovic-Simin D,Novakovic A,Plavšić D,Škrobot D,Kovac R

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

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

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

Dietary *Moringa oleifera* leaf powder improves jejunal permeability and digestive function by modulating the microbiota composition and mucosal immunity in heat stressed rabbits.

Environmental science and pollution research international , Volume: 29 Issue: 53 2022 Nov

Authors Khalid AR,Yasoob TB,Zhang Z,Zhu X,Hang S

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

Frontiers in microbiology , Volume: 13 2022

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

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

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

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

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

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

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

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

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

Polymers , Volume: 14 Issue: 9 2022 Apr 29

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

Curcumin Supplementation Ameliorates Bile Cholesterol Supersaturation in Hamsters by Modulating Gut Microbiota and Cholesterol Absorption.

Nutrients , Volume: 14 Issue: 9 2022 Apr 27

Authors Hong T,Zou J,Jiang X,Yang J,Cao Z,He Y,Feng D

Crude Polysaccharide Extracted From Moringa oleifera Leaves Prevents Obesity in Association With Modulating Gut Microbiota in High-Fat Diet-Fed Mice.

Frontiers in nutrition , Volume: 9 2022

Authors Li L,Ma L,Wen Y,Xie J,Yan L,Ji A,Zeng Y,Tian Y,Sheng J

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

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

Frontiers in microbiology , Volume: 13 2022

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

Starch acylation of different short-chain fatty acids and its corresponding influence on gut microbiome and diabetic indexes.

Food chemistry , Volume: 389 2022 Sep 30

Authors Li M,Wang F,Wang J,Wang A,Yao X,Strappe P,Zhou Z,Wu Q,Guo T

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

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

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

Detection of Sutterella spp. in Broiler Liver and Breast.

Frontiers in veterinary science , Volume: 9 2022

Authors Derqaoui S,Oukessou M,Attrassi K,Elftouhy FZ,Nassik S

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

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

Frontiers in nutrition , Volume: 9 2022

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

A novel Lactobacillus bulgaricus isolate can maintain the intestinal health, improve the growth performance and reduce the colonization of E. coli O157:H7 in broilers.

British poultry science , Volume: 63 Issue: 5 2022 Oct

Authors Xiang L,Ying Z,Xue M,Xiaoxian P,Xiaorong L,Chunyang L,Yu W,Mingcheng L,Binxian L

Effect of barley straw and Egyptian clover hay on the rumen fermentation and structure and fibrolytic activities of rumen bacteria in dromedary camel.

Veterinary world , Volume: 15 Issue: 1 2022 Jan

Authors Rabee AE

PM(2.5) induced weight loss of mice through altering the intestinal microenvironment: Mucus barrier, gut microbiota, and metabolic profiling.

Journal of hazardous materials , Volume: 431 2022 Jun 5

Authors Dai S,Wang Z,Yang Y,Du P,Li X

Integrated metagenomics-metabolomics analysis reveals the cecal microbial composition, function, and metabolites of pigs fed diets with different starch sources.

Food research international (Ottawa, Ont.) , Volume: 154 2022 Apr

Authors Yu M,Li Z,Rong T,Tian Z,Deng D,Lu H,Zhang R,Ma X

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

Antibiotics (Basel, Switzerland) , Volume: 11 Issue: 3 2022 Feb 28

Authors Ghannoum MA,Long L,Bunick CG,Del Rosso JQ,Gamal A,Tybring SK,McCormick TS,Grada A

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

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

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

Lactulose Modulates the Structure of Gut Microbiota and Alleviates Colitis-Associated Tumorigenesis.

Nutrients , Volume: 14 Issue: 3 2022 Feb 3

Authors Hiraishi K,Zhao F,Kurahara LH,Li X,Yamashita T,Hashimoto T,Matsuda Y,Sun Z,Zhang H,Hirano K

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

An Integrative Multiomics Approach to Characterize Prebiotic Inulin Effects on Faecalibacterium prausnitzii.

Frontiers in bioengineering and biotechnology , Volume: 10 2022

Authors Park JH,Song WS,Lee J,Jo SH,Lee JS,Jeon HJ,Kwon JE,Kim YR,Baek JH,Kim MG,Yang YH,Kim BG,Kim YG

Mediating effects of gut microbiota in the associations of air pollutants exposure with adverse pregnancy outcomes.

Ecotoxicology and environmental safety , Volume: 234 2022 Apr 1

Authors Gan Q,Ye W,Zhao X,Teng Y,Mei S,Long Y,Ma J,Rehemutula R,Zhang X,Zeng F,Jin H,Liu F,Huang Y,Gao X,Zhu C

Evaluating the effects of a standardized polyphenol mixture extracted from poplar-type propolis on healthy and diseased human gut microbiota.

Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 148 2022 Apr

Authors Garzarella EU,Navajas-Porras B,Pérez-Burillo S,Ullah H,Esposito C,Santarcangelo C,Hinojosa-Nogueira D,Pastoriza S,Zaccaria V,Xiao J,Rufián-Henares JA,Daglia M

Mechanistic basis of choline import involved in teichoic acids and lipopolysaccharide modification.

Science advances , Volume: 8 Issue: 9 2022 Mar 4

Authors Bärlund N,Rueff AS,Cembrero G,Hutter CAJ,Seeger MA,Veenings JW,Perez C

Evaluation of a Zingiber officinale and Bixa orellana Supplement on the Gut Microbiota of Male Athletes: A Randomized Placebo-Controlled Trial.

Planta medica , Volume: 88 Issue: 13 2022 Oct

Authors Domínguez-Balmaseda D,Bressa C,Fernández-Romero A,de Lucas B,Pérez-Ruiz M,San Juan AF,Roller M,Issaly N,Larrosa M

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

Nutrients , Volume: 14 Issue: 4 2022 Feb 11

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

Exposure to concentrated ambient PM(2.5) (CAPM) induces intestinal disturbance via inflammation and alternation of gut microbiome.

Environment international , Volume: 161 2022 Mar

Authors Xie S,Zhang C,Zhao J,Li D,Chen J

Curcumin Alleviates Dextran Sulfate Sodium-Induced Colitis in Mice Through Regulating Gut Microbiota.

Molecular nutrition & food research , Volume: 66 Issue: 8 2022 Apr

Authors Guo X,Xu Y,Geng R,Qiu J,He X

Curcumin Supplementation (Meriva®) Modulates Inflammation, Lipid Peroxidation and Gut Microbiota Composition in Chronic Kidney Disease.

Nutrients , Volume: 14 Issue: 1 2022 Jan 5

Authors Pivari F,Mingione A,Piazzini G,Ceccarani C,Ottaviano E,Brasacchio C,Dei Cas M,Vischi M,Cozzolino MG,Fogagnolo P,Riva A,Petrangolini G,Barrea L,Di Renzo L,Borghi E,Signorelli P,Paroni R,Soldati L

Dietary Amylose/Amylopectin Ratio Modulates Cecal Microbiota and Metabolites in Weaned Goats.

Frontiers in nutrition , Volume: 8 2021

Authors Gebeyew K,Chen K,Wassie T,Azad MAK,He J,Jiang W,Song W,He Z,Tan Z

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

Frontiers in immunology , Volume: 12 2021

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

Curcumin β-D-Glucuronide Modulates an Autoimmune Model of Multiple Sclerosis with Altered Gut Microbiota in the Ileum and Feces.

Frontiers in cellular and infection microbiology , Volume: 11 2021

Authors Khadka S,Omura S,Sato F,Nishio K,Kakeya H,Tsunoda I

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

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

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

Active Smoking Induces Aberrations in Digestive Tract Microbiota of Rats.

Frontiers in cellular and infection microbiology , Volume: 11 2021

Authors Wang X,Ye P,Fang L,Ge S,Huang F,Polverini PJ,Heng W,Zheng L,Hu Q,Yan F,Wang W

Supplementation of chicory root powder as an alternative to antibiotic growth promoter on gut pH, gut microflora and gut

histomorphometry of male broilers.

PloS one , Volume: 16 Issue: 12 2021

Authors Gurram S,V CP,K VL,M VL NR,M V,Bora S

Antibacterial efficacy of different combinations of clove, eucalyptus, ginger, and selected antibiotics against clinical isolates of *Pseudomonas aeruginosa*.

Ayu , Volume: 41 Issue: 2 2020 Apr-Jun

Authors Sagar PK,Sharma P,Singh R

Correction to "ZnO/Curcumin Nanocomposites for the Enhanced Inhibition of *Pseudomonas aeruginosa* Virulence via LasR-RhlR Quorum Sensing Systems".

Molecular pharmaceutics , 2021 Dec 7

Authors Prateeksha,Rao CV,Das AK,Barik SK,Singh BN

The relationship between human milk, a functional nutrient, and microbiota.

Critical reviews in food science and nutrition , 2021 Dec 6

Authors Sakarya E,Sanlier NT,Sanlier N

Azithromycin resistance in Shiga-toxin Producing *Escherichia coli* in France between 2004 and 2020 and detection of *mef(C-mph(G)) genes*.

Antimicrobial agents and chemotherapy , 2021 Dec 6

Authors Bizot E,Cointe A,Bidet P,Mariani-Kurdjian P,Hobson CA,Courroux C,Liguori S,Bridier-Nahmias A,Magnan M,Merimèche M,Caméléna F,Berçot B,Weill FX,Lefèvre S,Bonacorsi S,Birgy A

Fructooligosaccharides Increase in Plasma Concentration of (-)-Epigallocatechin-3-Gallate in Rats.

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

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

Prevalence of genotypic antimicrobial resistance in clinical Shiga toxin-producing *Escherichia coli* in Norway, 2018 to 2020.

Journal of medical microbiology , Volume: 70 Issue: 12 2021 Dec

Authors Ramstad SN,Brandal LT,Taxt AM,Wasteson Y,Bjørnholt JV,Naseer U

Potential effects of Saudi Shaoka (*Fagonia bruguieri*) honey against multi-drug-resistant bacteria and cancer cells in comparison to Manuka honey.

Saudi journal of biological sciences , Volume: 28 Issue: 12 2021 Dec

Authors Halawani EM

Multidimensional exploration of essential oils generated via eight oregano cultivars: Compositions, chemodiversities, and antibacterial capacities.

Food chemistry , Volume: 374 2022 Apr 16

Authors Hao Y,Kang J,Yang R,Li H,Cui H,Bai H,Tsitsilin A,Li J,Shi L

Effects of free radicals from doxycycline hydrate and minocycline hydrochloride under blue light irradiation on the deactivation of *Staphylococcus aureus*, including a methicillin-resistant strain.

Journal of photochemistry and photobiology. B, Biology , Volume: 226 2022 Jan

Authors Yuann JP,Lee SY,He S,Wong TW,Yang MU,Cheng CW,Huang ST,Liang JY

Polydextrose with and without *Bifidobacterium animalis* ssp. *lactis* 420 drives the prevalence of *Akkermansia* and improves liver health in a multi-compartmental obesogenic mice study.

PloS one , Volume: 16 Issue: 12 2021

Authors Yde CC,Jensen HM,Christensen N,Servant F,Lelouvier B,Lahtinen S,Stenman LK,Airaksinen K,Kailanto HM

The anti-fatigue activity of corn peptides and their effect on gut bacteria.

Journal of the science of food and agriculture , Volume: 102 Issue: 8 2022 Jun

Authors Feng Z,Wei Y,Xu Y,Zhang R,Li M,Qin H,Gu R,Cai M

Inulin-grown *Faecalibacterium prausnitzii* cross-feeds fructose to the human intestinal epithelium.

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

Authors Fagundes RR,Bourgonje AR,Saeed A,Vich Vila A,Plomp N,Blokzijl T,Sadaghian Sadabadi M,von Martels JZH,van Leeuwen SS,Weersma RK,Dijkstra G,Harmsen HJM,Faber KN

Impacts of Cigarette Smoking Status on Metabolomic and Gut Microbiota Profile in Male Patients With Coronary Artery Disease: A Multi-Omics Study.

Frontiers in cardiovascular medicine , Volume: 8 2021

Authors Hu X,Fan Y,Li H,Zhou R,Zhao X,Sun Y,Zhang S

Beneficial effect of whole-grain wheat on liver fat: a role for the gut microbiota?

Hepatobiliary surgery and nutrition , Volume: 10 Issue: 5 2021 Oct

Authors Gérard P

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,Elkenany RM,Ali HS,Eladl AH

Dietary supplementation of gingerols- and shogaols-enriched ginger root extract attenuate pain-associated behaviors while modulating gut microbiota and metabolites in rats with spinal nerve ligation.

The Journal of nutritional biochemistry , 2021 Nov 5

Authors Shen CL,Wang R,Ji G,Elmassry MM,Zabet-Moghaddam M,Vellers H,Hamood AN,Gong X,Mirzaei P,Sang S,Neugebauer V
Growth performance, internal organ traits, intestinal morphology, and microbial population of broiler chickens fed quinoa seed-based diets with phytase or protease supplements and their combination.

Tropical animal health and production , Volume: 53 Issue: 6 2021 Nov 6

Authors Amiri MYA,Jafari MA,Irani M

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

Carbohydrate polymers , Volume: 275 2022 Jan 1

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

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

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

Authors Adewole DI,Oladokun S,Santin E

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

Effects of Xylanase in Corn- or Wheat-Based Diets on Cecal Microbiota of Broilers.

Frontiers in microbiology , Volume: 12 2021

Authors Wang J,Cao H,Bao C,Liu Y,Dong B,Wang C,Shang Z,Cao Y,Liu S

Cinnamaldehyde Promotes the Intestinal Barrier Functions and Reshapes Gut Microbiome in Early Weaned Rats.

Frontiers in nutrition , Volume: 8 2021

Authors Qi L,Mao H,Lu X,Shi T,Wang J

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

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

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

Antifungal effects of tulsi, garlic, cinnamon and lemongrass in powder and oil form on *Candida albicans*: An in vitro study.

Journal of oral and maxillofacial pathology : JOMFP , Volume: 25 Issue: 2 2021 May-Aug

Authors Prajapati M,Shah M,Ranginwala A,Agrawal P,Acharya D,Thakkar S

Effects of fermented wheat bran and yeast culture on growth performance, immunity and intestinal microflora in growing-finishing pigs.

Journal of animal science , 2021 Oct 23

Authors He W,Gao Y,Guo Z,Yang Z,Wang X,Liu H,Sun H,Shi B

Alleviation Effects of *Bifidobacterium animalis* subsp. *lactis* XLTG11 on Dextran Sulfate Sodium-Induced Colitis in Mice.

Microorganisms , Volume: 9 Issue: 10 2021 Oct 3

Authors Wang N,Wang S,Xu B,Liu F,Huo G,Li B

Gut microbiota mediates the effects of inulin on enhancing sulfomucin production and mucosal barrier function in a pig model.

Food & function , Volume: 12 Issue: 21 2021 Nov 1

Authors Xia B,Wu W,Zhang L,Wen X,Xie J,Zhang H

Unravelling the collateral damage of antibiotics on gut bacteria.

Nature , Volume: 599 Issue: 7883 2021 Nov

Authors Maier L,Goemans CV,Wirbel J,Kuhn M,Eberl C,Prueteanu M,Müller P,Garcia-Santamarina S,Cacace E,Zhang B,Gekeler C,Banerjee T,Anderson EE,Milanese A,Löber U,Forslund SK,Patil KR,Zimmermann M,Stecher B,Zeller G,Bork P,Typas A
In vitro digestibility and prebiotic activities of a bioactive polysaccharide from *Moringa oleifera* leaves.

Journal of food biochemistry , Volume: 45 Issue: 11 2021 Nov

Authors Li C,Zhou S,Fu X,Huang Q,Chen Q

Adjunctive Probiotics Alleviates Asthmatic Symptoms via Modulating the Gut Microbiome and Serum Metabolome.

Microbiology spectrum , 2021 Oct 6

Authors Liu A,Mo T,Xu N,Jin H,Zhao F,Kwok LY,Zhang H,Zhang S,Sun Z

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

Nutrients , Volume: 13 Issue: 9 2021 Sep 17

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

- 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,Liberál Á,Silva J,Fonseca C,Barbosa A,Ferreira ICFR,Alves MJ,Barros L
Short-Chain Inulin Modulates the Cecal Microbiota Structure of Leptin Knockout Mice in High-Fat Diet.
- Frontiers in microbiology** , Volume: 12 2021
Authors Feng Y,Feng J,Wang L,Meng A,Wei S,Cui J,Hu X,Yan L
The Prebiotic Potential of Inulin-type Fructans: A Systematic Review.
- Advances in nutrition (Bethesda, Md.)** , 2021 Sep 23
Authors Hughes RL,Alvarado DA,Swanson KS,Holscher HD
Selenium-Enriched *Lactobacillus acidophilus* Ameliorates Dextran Sulfate Sodium-Induced Chronic Colitis in Mice by Regulating Inflammatory Cytokines and Intestinal Microbiota.
- Frontiers in medicine** , Volume: 8 2021
Authors Wu Z,Pan D,Jiang M,Sang L,Chang B
Pomegranate fruit pulp polyphenols reduce diet-induced obesity with modulation of gut microbiota in mice.
- Journal of the science of food and agriculture** , Volume: 102 Issue: 5 2022 Mar 30
Authors Song H,Shen X,Chu Q,Zheng X
Curcumin Reduces Adipose Tissue Inflammation and Alters Gut Microbiota in Diet-Induced Obese Male Mice.
- Molecular nutrition & food research** , Volume: 65 Issue: 22 2021 Nov
Authors Islam T,Koboziev I,Albracht-Schulte K,Mistretta B,Scoggin S,Yosofvand M,Moussa H,Zabet-Moghaddam M,Ramalingam L,Gunaratne PH,Moustaid-Moussa N
Inulin-type prebiotics reduce serum uric acid levels via gut microbiota modulation: a randomized, controlled crossover trial in peritoneal dialysis patients.
- European journal of nutrition** , Volume: 61 Issue: 2 2022 Mar
Authors He S,Xiong Q,Tian C,Li L,Zhao J,Lin X,Guo X,He Y,Liang W,Zuo X,Ying C
Effects of Dietary Supplementation of *Lactobacillus delbrueckii* on Gut Microbiome and Intestinal Morphology in Weaned Piglets.
- Frontiers in veterinary science** , Volume: 8 2021
Authors Wang XL,Liu ZY,Li YH,Yang LY,Yin J,He JH,Hou DX,Liu YL,Huang XG
Systematic Review of the Effects of Oat Intake on Gastrointestinal Health.
- The Journal of nutrition** , 2021 Sep 6
Authors Valido E,Stoyanov J,Bertolo A,Hertig-Godeschalk A,Zeh RM,Flueck JL,Minder B,Stojic S,Metzger B,Bussler W,Muka T,Kern H,Glisic M
Dietary Inulin Regulated Gut Microbiota and Improved Neonatal Health in a Pregnant Sow Model.
- Frontiers in nutrition** , Volume: 8 2021
Authors Li H,Ma L,Zhang L,Liu N,Li Z,Zhang F,Liu X,Ma X
Regulatory effects of *Lactobacillus* fermented black barley on intestinal microbiota of NAFLD rats.
- Food research international (Ottawa, Ont.)** , Volume: 147 2021 Sep
Authors Zhu C,Guan Q,Song C,Zhong L,Ding X,Zeng H,Nie P,Song 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
Administration with Quinoa Protein Reduces the Blood Pressure in Spontaneously Hypertensive Rats and Modifies the Fecal Microbiota.
- Nutrients** , Volume: 13 Issue: 7 2021 Jul 17
Authors Guo H,Hao Y,Fan X,Richel A,Everaert N,Yang X,Ren 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
Prebiotic fructans have greater impact on luminal microbiology and CD3+ T cells in healthy siblings than patients with Crohn's disease: A pilot study investigating the potential for primary prevention of inflammatory bowel disease.
- Clinical nutrition (Edinburgh, Scotland)** , Volume: 40 Issue: 8 2021 Jun 23
Authors Hedin CR,McCarthy NE,Louis P,Farquharson FM,McCartney S,Stagg AJ,Lindsay JO,Whelan K
Dietary Supplementation with Inulin Modulates the Gut Microbiota and Improves Insulin Sensitivity in Prediabetes.
- International journal of endocrinology** , Volume: 2021 2021

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

Shuanghuanglian oral preparations combined with azithromycin for treatment of Mycoplasma pneumoniae pneumonia in Asian children: A systematic review and meta-analysis of randomized controlled trials.

PloS one , Volume: 16 Issue: 7 2021

Authors Peng Y,Chen Z,Li Y,Lu Q,Li H,Han Y,Sun D,Li X

Punicic acid ameliorates obesity and liver steatosis by regulating gut microbiota composition in mice.

Food & function , 2021 Jul 9

Authors Yuan G,Tan M,Chen X

Flavonoids from Whole-Grain Oat Alleviated High-Fat Diet-Induced Hyperlipidemia via Regulating Bile Acid Metabolism and Gut Microbiota in Mice.

Journal of agricultural and food chemistry , Volume: 69 Issue: 27 2021 Jul 14

Authors Duan R,Guan X,Huang K,Zhang Y,Li S,Xia J,Shen M

Effects of Fermented Milk Containing *Lactocaseibacillus paracasei* Strain Shirota on Constipation in Patients with Depression: A Randomized, Double-Blind, Placebo-Controlled Trial.

Nutrients , Volume: 13 Issue: 7 2021 Jun 29

Authors Zhang X,Chen S,Zhang M,Ren F,Ren Y,Li Y,Liu N,Zhang Y,Zhang Q,Wang R

Microbiota and Metabolite Modifications after Dietary Exclusion of Dairy Products and Reduced Consumption of Fermented Food in Young and Older Men.

Nutrients , Volume: 13 Issue: 6 2021 Jun 1

Authors Kim J,Burton-Pimentel KJ,Fleuti C,Blaser C,Scherz V,Badertscher R,Marmonier C,Lyon-Belgy N,Caille A,Pidou V,Blot A,Bertelli C,David J,Bütikofer U,Greub G,Dardevet D,Polakof S,Vergères G

Facile Synthesis of Natural Anise-Based Nanoemulsions and Their Antimicrobial Activity.

Polymers , Volume: 13 Issue: 12 2021 Jun 19

Authors Abu Ali OA,El-Naggar ME,Abdel-Aziz MS,Saleh DI,Abu-Saied MA,El-Sayed WA

Concentrated Raw Fibers Enhance the Fiber-Degrading Capacity of a Synthetic Human Gut Microbiome.

International journal of molecular sciences , Volume: 22 Issue: 13 2021 Jun 25

Authors Steinle A,Neumann M,Grant ET,Turner JD,Desai MS

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

Dietary turmeric (*Curcuma longa L.*) supplementation improves growth performance, short-chain fatty acid production, and modulates bacterial composition of weaned piglets.

Journal of animal science and technology , Volume: 63 Issue: 3 2021 May

Authors Recharla N,Balasubramanian B,Song M,Puligundla P,Kim SK,Jeong JY,Park S

Curcumin modulates gut microbiota and improves renal function in rats with uric acid nephropathy.

Renal failure , Volume: 43 Issue: 1 2021 Dec

Authors Xu X,Wang H,Guo D,Man X,Liu J,Li J,Luo C,Zhang M,Zhen L,Liu X

Effect of Dietary Inulin Supplementation on the Gut Microbiota Composition and Derived Metabolites of Individuals Undergoing Hemodialysis: A Pilot Study.

Journal of renal nutrition : the official journal of the Council on Renal Nutrition of the National Kidney Foundation , 2021 Jun 11

Authors Biruete A,Cross TL,Allen JM,Kistler BM,de Loor H,Evenepoel P,Fahey GC Jr,Bauer L,Swanson KS,Wilund KR

Lactobacillus paracasei modulates the gut microbiota and improves inflammation in type 2 diabetic rats.

Food & function , 2021 Jun 11

Authors Zeng Z,Guo X,Zhang J,Yuan Q,Chen S

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

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

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

Effect of *Lactocaseibacillus paracasei* Strain Shirota on Improvement in Depressive Symptoms, and Its Association with Abundance of Actinobacteria in Gut Microbiota.

Microorganisms , Volume: 9 Issue: 5 2021 May 10

Authors Otaka M,Kikuchi-Hayakawa H,Ogura J,Ishikawa H,Yomogida Y,Ota M,Hidese S,Ishida I,Aida M,Matsuda K,Kawai M,Yoshida S,Kunugi H

The Efficacy of Short-Term Weight Loss Programs and Consumption of Natural Probiotic Bryndza Cheese on Gut Microbiota Composition in Women.

Nutrients , Volume: 13 Issue: 6 2021 May 21

Authors Hric I,Ugrayová S,Penesová A,Rádiková Ž,Kubánová L,Šardzíková S,Baranovicová E,Klucár L,Beke G,Grendar M,Kolisek M,Šoltyš K,Bielik V

Preparation and photodynamic bactericidal effects of curcumin- β -cyclodextrin complex.

Food chemistry , Volume: 361 2021 Nov 1

Authors Lai D,Zhou A,Tan BK,Tang Y,Sarah Hamzah S,Zhang Z,Lin S,Hu J

A diet high in sugar and fat influences neurotransmitter metabolism and then affects brain function by altering the gut microbiota.

Translational psychiatry , Volume: 11 Issue: 1 2021 May 27

Authors Guo Y,Zhu X,Zeng M,Qi L,Tang X,Wang D,Zhang M,Xie Y,Li H,Yang X,Chen D

Different *Bifidobacterium bifidum* strains change the intestinal flora composition of mice via different mechanisms to alleviate loperamide-induced constipation.

Food & function , 2021 May 26

Authors Chai M,Wang L,Li X,Zhao J,Zhang H,Wang G,Chen W

The bactericidal effect of vancomycin is not altered by tranexamic acid, adrenalin, dexamethasone, or lidocaine in vitro.

Scientific reports , Volume: 11 Issue: 1 2021 May 24

Authors Schwerdt C,Röhner E,Böhle S,Jacob B,Matziolis G

Tobacco Smoking and the Fecal Microbiome in a Large, Multi-ethnic Cohort.

Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology , Volume: 30 Issue: 7 2021 Jul

Authors Prakash A,Peters BA,Cobbs E,Beggs D,Choi H,Li H,Hayes RB,Ahn J

Amelioration of high-fat diet-induced obesity and its associated complications by a myricetin derivative-rich fraction from *Syzygium malaccense* in C57BL/6J mice.

Food & function , Volume: 12 Issue: 13 2021 Jul 5

Authors Nallappan D,Chua KH,Ong KC,Chong CW,Teh CSJ,Palanisamy UD,Kuppusamy UR

Curcumin alleviates high-fat diet-induced hepatic steatosis and obesity in association with modulation of gut microbiota in mice.

Food research international (Ottawa, Ont.) , Volume: 143 2021 May

Authors Li S,You J,Wang Z,Liu Y,Wang B,Du M,Zou T

Assessment of antibacterial and antifungal potential of Curcuma longa and synthesized nanoparticles: A comparative study.

Journal of basic microbiology , Volume: 61 Issue: 7 2021 Jul

Authors Khan MA,Moghul NB,Butt MA,Kiyani MM,Zafar I,Bukhari AI

Bifidobacterium response to lactulose ingestion in the gut relies on a solute-binding protein-dependent ABC transporter.

Communications biology , Volume: 4 Issue: 1 2021 May 10

Authors Yoshida K,Hirano R,Sakai Y,Choi M,Sakanaka M,Kurihara S,Iino H,Xiao JZ,Katayama T,Odamaki T

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

Porphyran-derived oligosaccharides alleviate NAFLD and related cecal microbiota dysbiosis in mice.

FASEB journal : official publication of the Federation of American Societies for Experimental Biology , Volume: 35 Issue: 6 2021 Jun

Authors Wang X,Liu D,Wang Z,Cai C,Jiang H,Yu G

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

Nutrients , Volume: 13 Issue: 5 2021 Apr 28

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

Prebiotic Effect of Berberine and Curcumin Is Associated with the Improvement of Obesity in Mice.

Nutrients , Volume: 13 Issue: 5 2021 Apr 24

Authors Neyrinck AM,Sánchez CR,Rodríguez J,Cani PD,Bindels LB,Delzenne NM

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,Sağiroğlu M

Effects of *Bifidobacterium animalis* ssp. *lactis* 420 on gastrointestinal inflammation induced by a non-steroidal anti-inflammatory drug: a randomized, placebo-controlled, double-blind clinical trial.

British journal of clinical pharmacology , 2021 Apr 27

Authors Mäkelä SM,Forssten SD,Kailajärvi M,Langén VL,Scheinin M,Tiihonen K,Ouwehand AC

Gut modulation based anti-diabetic effects of carboxymethylated wheat bran dietary fiber in high-fat diet/streptozotocin-

induced diabetic mice and their potential mechanisms.

Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association , Volume: 152 2021Jun

Authors Li XX,Zhang XX,Zhang R,Ni ZJ,Elam E,Thakur K,Cespedes-Acuña CL,Zhang JG,Wei ZJ

Anti-MRSA activity of curcumin in planktonic cells and biofilms and determination of possible action mechanisms.

Microbial pathogenesis , Volume: 155 2021Jun

Authors Batista de Andrade Neto J,Pessoa de Farias Cabral V,Brito Nogueira LF,Rocha da Silva C,Gurgel do Amaral Valente Sá L,Ramos da Silva A,Barbosa da Silva WM,Silva J,Marinho ES,Cavalcanti BC,Odorico de Moraes M,Nobre Júnior HV

Anti-Inflammatory and Antimicrobial Activities of Compounds Isolated from Distichochlamys benenica.

BioMed research international , Volume: 2021 2021

Authors Pham TV,Hoang HNT,Nguyen HT,Nguyen HM,Huynh CT,Vu TY,Do AT,Nguyen NH,Do BH

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

Influence of Proton Pump Inhibitors and Histamine Receptor 2 Antagonists on Blastocystis ST3 and Selected Microorganisms of Intestinal Microbiota In Vitro.

Clinical and translational gastroenterology , Volume: 12 Issue: 4 2021 Apr 9

Authors Lepczynska M,Dzika E,Chen W,Lu CY

Inhibition of Fungal Strains Isolated from Cereal Grains via Vapor Phase of Essential Oils.

Molecules (Basel, Switzerland) , Volume: 26 Issue: 5 2021 Mar 1

Authors Strelková T,Nemes B,Kovács A,Novotný D,Božík M,Klouček P

Ingestion of High β-Glucan Barley Flour Enhances the Intestinal Immune System of Diet-Induced Obese Mice by Prebiotic Effects.

Nutrients , Volume: 13 Issue: 3 2021 Mar 11

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

[Ginger-separated moxibustion for chronic fatigue syndrome and its effect on intestinal flora].

Zhongguo zhen jiu = Chinese acupuncture & moxibustion , Volume: 41 Issue: 3 2021 Mar 12

Authors Lin YF,Jin XQ,Zhu JF,Chen YD,Sheng JL,He JJ,Jin YY

Ancient grains as novel dietary carbohydrate sources in canine diets.

Journal of animal science , Volume: 99 Issue: 6 2021 Jun 1

Authors Traughber ZT,He F,Hoke JM,Davenport GM,Rodríguez-Zas SL,Southey BR,de Godoy MRC

Lactobacillus acidophilus LA5 improves saturated fat-induced obesity mouse model through the enhanced intestinal Akkermansia muciniphila.

Scientific reports , Volume: 11 Issue: 1 2021 Mar 18

Authors Ondee T,Pongpirul K,Visitchanakun P,Saisorn W,Kanacharoen S,Wongsaroj L,Kullapanich C,Ngamwongsatit N,Settachaimongkon S,Somboonna N,Leelahavanichkul A

Beverages containing Lactobacillus paracasei LC-37 improved functional dyspepsia through regulation of the intestinal microbiota and their metabolites.

Journal of dairy science , 2021 Mar 10

Authors Sun E,Zhang X,Zhao Y,Li J,Sun J,Mu Z,Wang R

Gut Microbiota Variation With Short-Term Intake of Ginger Juice on Human Health.

Frontiers in microbiology , Volume: 11 2020

Authors Wang X,Zhang D,Jiang H,Zhang S,Pang X,Gao S,Zhang H,Zhang S,Xiao Q,Chen L,Wang S,Qi D,Li Y

Avenanthramide Metabotype from Whole-Grain Oat Intake is Influenced by Faecalibacterium prausnitzii in Healthy Adults.

The Journal of nutrition , Volume: 151 Issue: 6 2021Jun 1

Authors Wang P,Zhang S,Yerke A,Ohland CL,Gharaibeh RZ,Fouladi F,Fodor AA,Jobin C,Sang S

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

Impaired Intestinal Akkermansia muciniphila and Aryl Hydrocarbon Receptor Ligands Contribute to Nonalcoholic Fatty Liver Disease in Mice.

mSystems , Volume: 6 Issue: 1 2021 Feb 23

Authors Shi Z,Lei H,Chen G,Yuan P,Cao Z,Ser HL,Zhu X,Wu F,Liu C,Dong M,Song Y,Guo Y,Chen C,Hu K,Zhu Y,Zeng XA,Zhou J,Lu Y,Patterson AD,Zhang L

The Therapeutic Efficacy of Curcumin vs. Metformin in Modulating the Gut Microbiota in NAFLD Rats: A Comparative Study.

Frontiers in microbiology , Volume: 11 2020

Authors Li R,Yao Y,Gao P,Bu S

Effects of dietary oregano essential oil supplementation on growth performance, intestinal antioxidative capacity, immunity, and intestinal microbiota in yellow-feathered chickens.

Journal of animal science , Volume: 99 Issue: 2 2021 Feb 1

Authors Ruan D,Fan Q,Fouad AM,Sun Y,Huang S,Wu A,Lin C,Kuang Z,Zhang C,Jiang S

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

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

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

Oregano essential oil improves piglet health and performance through maternal feeding and is associated with changes in the gut microbiota.

Animal microbiome , Volume: 3 Issue: 1 2021 Jan 4

Authors Hall HN,Wilkinson DJ,Le Bon M

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

Acta pharmacologica Sinica , 2021 Jan 25

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

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

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

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

Pharmacological Therapy Determines the Gut Microbiota Modulation by a Pomegranate Extract Nutraceutical in Metabolic Syndrome: A Randomized Clinical Trial.

Molecular nutrition & food research , Volume: 65 Issue: 6 2021 Mar

Authors Cortés-Martín A,Iglesias-Agüirre CE,Meoro A,Selma MV,Espín JC

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

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

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

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

Intratracheally instilled diesel PM(2.5) significantly altered the structure and composition of indigenous murine gut microbiota.

Ecotoxicology and environmental safety , Volume: 210 2021 Mar 1

Authors Liu Y,Wang T,Si B,Du H,Liu Y,Waqas A,Huang S,Zhao G,Chen S,Xu A

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

Frontiers in microbiology , Volume: 11 2020

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

The Effect of Xylooligosaccharide, Xylan, and Whole Wheat Bran on the Human Gut Bacteria.

Frontiers in microbiology , Volume: 11 2020

Authors Chen M,Liu S,Imam KMSU,Sun L,Wang Y,Gu T,Wen B,Xin F

Lactulose ingestion causes an increase in the abundance of gut-resident bifidobacteria in Japanese women: a randomised, double-blind, placebo-controlled crossover trial.

Beneficial microbes , 2021 Jan 4

Authors Sakai Y,Hamano H,Ochi H,Abe F,Masuda K,Iino H

Combinatorial liposomes of berberine and curcumin inhibit biofilm formation and intracellular methicillin resistant Staphylococcus aureus infections and associated inflammation.

Journal of materials chemistry. B , Volume: 9 Issue: 3 2021 Jan 28

Authors Bhatia E,Sharma S,Jadhav K,Banerjee R

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

Frontiers in pharmacology , Volume: 11 2020

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

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

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

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

Pomegranate peel extract ameliorates the severity of experimental autoimmune encephalomyelitis via modulation of gut microbiota.

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

Authors Lu XY,Han B,Deng X,Deng SY,Zhang YY,Shen PX,Hui T,Chen RH,Li X,Zhang Y

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

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

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

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

The Fungal Microbiome and Asthma.

Frontiers in cellular and infection microbiology , Volume: 10 2020

Authors van Tilburg Bernardes E,Gutierrez MW,Arrieta MC

Effect of *Bifidobacterium animalis* subsp. *lactis* MN-Gup on constipation and the composition of gut microbiota.

Beneficial microbes , 2020 Dec 14

Authors Wang R,Sun J,Li G,Zhang M,Niu T,Kang X,Zhao H,Chen J,Sun E,Li Y

Cow, Goat, and Mare Milk Diets Differentially Modulated the Immune System and Gut Microbiota of Mice Colonized by Healthy Infant Feces.

Journal of agricultural and food chemistry , Volume: 68 Issue: 51 2020 Dec 23

Authors Li N,Xie Q,Chen Q,Evvie SE,Liu D,Dong J,Huo G,Li B

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

Heliyon , Volume: 6 Issue: 11 2020 Nov

Authors El Hassani FZ

Supplemental Choline Modulates Growth Performance and Gut Inflammation by Altering the Gut Microbiota and Lipid Metabolism in Weaned Piglets.

The Journal of nutrition , Volume: 151 Issue: 1 2021 Jan 4

Authors Qiu Y,Liu S,Hou L,Li K,Wang L,Gao K,Yang X,Jiang Z

Modulation of gut microbiota and intestinal barrier function during alleviation of antibiotic-associated diarrhea with *Rhizoma Zingiber officinale* (Ginger) extract.

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

Authors Ma ZJ ,Wang HJ ,Ma XJ ,Li Y,Yang HJ ,Li H,Su JR ,Zhang CE ,Huang LQ

Antibacterial Activity of Honey Samples from Ukraine.

Veterinary sciences , Volume: 7 Issue: 4 2020 Nov 20

Authors Cilia G,Fratini F,Marchi M,Sagona S,Turchi B,Adamchuk L,Felicioli A,Kacániová M

Adjunctive treatment with probiotics partially alleviates symptoms and reduces inflammation in patients with irritable bowel syndrome.

European journal of nutrition , 2020 Nov 22

Authors Xu H, Ma C,Zhao F,Chen P,Liu Y,Sun Z,Cui L,Kwok LY,Zhang H

The Impact of Air Pollution on Intestinal Microbiome of Asthmatic Children: A Panel Study.

BioMed research international , Volume: 2020 2020

Authors Zheng P,Zhang B,Zhang K,Lv X,Wang Q,Bai X

The Impact of Air Pollution on Intestinal Microbiome of Asthmatic Children: A Panel Study.

BioMed research international , Volume: 2020 2020

Authors Zheng P,Zhang B,Zhang K,Lv X,Wang Q,Bai X

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

Frontiers in microbiology , Volume: 11 2020

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

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

Chicory ameliorates hyperuricemia via modulating gut microbiota and alleviating LPS/TLR4 axis in quail.

Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 131 2020 Nov

Authors Bian M,Wang J,Wang Y,Nie A,Zhu C,Sun Z,Zhou Z,Zhang B

Black garlic melanoidins prevent obesity, reduce serum LPS levels and modulate the gut microbiota composition in high-fat diet-induced obese C57BL/6J mice.

Food & function , Volume: 11 Issue: 11 2020 Nov 18

Authors Wu J,Liu Y,Dou Z,Wu T,Liu R,Sui W,Jin Y,Zhang M

Enterococcus faecium R0026 combined with Bacillus subtilis R0179 prevent obesity-associated hyperlipidaemia and modulate gut microbiota in C57BL/6 mice.

Journal of microbiology and biotechnology , 2020 Oct 20

Authors Huang J,Huang J,Yin T,Lv H,Zhang P,Li H

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,Tvrda E

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

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

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

Assessing the Effects of Ginger Extract on Polyphenol Profiles and the Subsequent Impact on the Fecal Microbiota by Simulating Digestion and Fermentation In Vitro.

Nutrients , Volume: 12 Issue: 10 2020 Oct 19

Authors Wang J,Chen Y,Hu X,Feng F,Cai L,Chen F

Lactobacillus delbrueckii subsp. bulgaricus KLD 10207 Exerts Antimicrobial and Cytotoxic Effects in vitro and Improves

Blood Biochemical Parameters in vivo Against Notable Foodborne Pathogens.

Frontiers in microbiology , Volume: 11 2020

Authors Evvie SE,Abdelazez A,Li B,Lu S,Liu F,Huo G

Distinct Effects of Milks From Various Animal Types on Infant Fecal Microbiota Through in vitro Fermentations.

Frontiers in microbiology , Volume: 11 2020

Authors Li N,Li B,Guan J,Shi J,Evvie SE,Zhao L,Huo G,Wang S

Chemical composition and antimycoplasma activity of a brown propolis from southern Brazil.

Journal of food science and technology , Volume: 57 Issue: 11 2020 Nov

Authors do Nascimento Araújo C,Mayworm MAS,Yatsuda R,Negri G,Salatino MLF,Salatino A,Timenetsky J,Campos GB

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

Bifidobacterium bifidum TMC3115 ameliorates milk protein allergy in by affecting gut microbiota: A randomized double-blind control trial.

Journal of food biochemistry , Volume: 44 Issue: 11 2020 Nov

Authors Jing W,Liu Q,Wang W

Investigation on the biofilm eradication potential of selected medicinal plants against methicillin-resistant Staphylococcus aureus.

Biotechnology reports (Amsterdam, Netherlands) , Volume: 28 2020 Dec

Authors S LP,A US 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

Mechanistic insights into the structure-dependant and strain-specific utilization of wheat arabinoxylan by Bifidobacterium longum.

Carbohydrate polymers , Volume: 249 2020 Dec 1

Authors Song AX,Li LQ,Yin JY,Chiou JC,Wu JY

Relative abundance of the Prevotella genus within the human gut microbiota of elderly volunteers determines the inter-individual responses to dietary supplementation with wheat bran arabinoxylan-oligosaccharides.

BMC microbiology , Volume: 20 Issue: 1 2020 Sep 14

Authors Chung WSF,Walker AW,Boscher D,Garcia-Campayo V,Wagner J,Parkhill J,Duncan SH,Flint HJ

Modulation of Gut Microbiota Profile and Short-Chain Fatty Acids of Rats Fed with Taro Flour or Taro Starch.

International journal of microbiology , Volume: 2020 2020

Authors Surono IS,Venema K

Brazilian southeast brown propolis: gas chromatography method development for its volatile oil analysis, its antimicrobial and leishmanicidal activities evaluation.

Phytochemical analysis : PCA , Volume: 32 Issue: 3 2021 May

Authors Ribeiro VP,Arruda C,Mejía JAA,Candido ACBB,Dos Santos RA,Magalhães LG,Bastos JK

Micronized curcumin fabricated by supercritical CO₂ 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

Effect of Alliaceae Extract Supplementation on Performance and Intestinal Microbiota of Growing-Finishing Pig.

Animals : an open access journal from MDPI , Volume: 10 Issue: 9 2020 Sep 2

Authors Sánchez CJ,Martínez-Miró S,Ariza JJ,Madrid J,Orengo J,Aguinaga MA,Baños A,Hernández F

Antibacterial Activity and Mechanism of Ginger Essential Oil against Escherichia coli and Staphylococcus aureus.

Molecules (Basel, Switzerland) , Volume: 25 Issue: 17 2020 Aug 30

Authors Wang X,Shen Y,Thakur K,Han J,Zhang JG,Hu F,Wei ZJ

The effects of dairy and dairy derivatives on the gut microbiota: a systematic literature review.

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

Authors Aslam H,Marx W,Rocks T,Loughman A,Chandrasekaran V,Ruusunen A,Dawson SL,West M,Mullarkey E,Pasco JA,Jacka FN

A novel inulin-type fructan from Asparagus cochinchinensis and its beneficial impact on human intestinal microbiota.

Carbohydrate polymers , Volume: 247 2020 Nov 1

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

Impacts of Habitual Diets Intake on Gut Microbial Counts in Healthy Japanese Adults.

Nutrients , Volume: 12 Issue: 8 2020 Aug 12

Authors Sugimoto T,Shima T,Amamoto R,Kaga C,Kado Y,Watanabe O,Shiinoki J,Iwazaki K,Shigemura H,Tsuji H,Matsumoto S

Dietary Mannan-oligosaccharides potentiate the beneficial effects of Bifidobacterium bifidum in broiler chicken.

Letters in applied microbiology , Volume: 71 Issue: 5 2020 Nov

Authors Dev K,Akbar Mir N,Biswas A,Kannoujia J,Begum J,Kant R

Effect of High versus Low Dairy Consumption on the Gut Microbiome: Results of a Randomized, Cross-Over Study.

Nutrients , Volume: 12 Issue: 7 2020 Jul 17

Authors Swarte JC,Eelderink C,Douwes RM,Said MY,Hu S,Post A,Westerhuis R,Bakker SJL,Harmsen HJM

Curcumin, a Natural Antimicrobial Agent with Strain-Specific Activity.

Pharmaceuticals (Basel, Switzerland) , Volume: 13 Issue: 7 2020 Jul 16

Authors Adamczak A,Ozarowski M,Karpinski TM

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

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

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

Antioxidant and antibacterial activities of multiflora honey extracts from the Indonesian Apis cerana bee.

Journal of Taibah University Medical Sciences , Volume: 15 Issue: 3 2020 Jun

Authors Nayaka NMDMW,Fidrianny I,Sukrasno,Hartati R,Singgih M

Unveiling the Mechanism of Action of 7a-acetoxy-6β-hydroxyroleanone on an MRSA/VISA Strain: Membrane and Cell Wall Interactions.

Biomolecules , Volume: 10 Issue: 7 2020 Jun 30

Authors Pereira F,Figueiredo T,de Almeida RFM,Antunes CAC,Garcia C,Reis CP,Ascensão L,Sobral RG,Rijo P

Effects of phenolic and protein extracts from Melipona beecheii honey on pathogenic strains of Escherichia coli and

Staphylococcus aureus.**Food science and biotechnology , Volume: 29 Issue: 7 2020 Jul****Authors Ramón-Sierra J,Martínez-Guevara JL,Pool-Yam L,Magaña-Ortiz D,Yam-Puc A,Ortiz-Vázquez E**Amoxicillin Increased Functional Pathway Genes and Beta-Lactam Resistance Genes by Pathogens Bloomed in Intestinal Microbiota Using a Simulator of the Human Intestinal Microbial Ecosystem.**Frontiers in microbiology , Volume: 11 2020****Authors Liu L,Wang Q,Lin H,Das R,Wang S,Qi H,Yang J,Xue Y,Mao D,Luo Y**Rosemary and Tea Tree Essential Oils Exert Antibiofilm Activities In Vitro against Staphylococcus aureus and Escherichia coli.**Journal of food protection , Volume: 83 Issue: 7 2020 Jul 1****Authors Liu T,Wang J,Gong X,Wu X,Liu L,Chi F**[Anti-microbial activity of Rosmarinus officinalis and Zingiber officinale extracts on the species of the genus Candida and on Streptococcus pneumonia].**Annales pharmaceutiques francaises , Volume: 79 Issue: 1 2021 Jan****Authors Akroum S**Effect of chitooligosaccharides on human gut microbiota and antiglycation.**Carbohydrate polymers , Volume: 242 2020 Aug 15****Authors Liu W,Li X,Zhao Z,Pi X,Meng Y,Fei D,Liu D,Wang X**Antioxidant and antimicrobial activity of red propolis embedded mesoporous silica nanoparticles.**Drug development and industrial pharmacy , Volume: 46 Issue: 7 2020 Jul****Authors Azevedo de M Oliveira LF,Teles da Silva LVA,do Nascimento TG,de Almeida LM,Calumby RJN,Nunes ÁM,de Magalhães Oliveira LMT,da Silva Fonseca EJ**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**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**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**Streptococcus pneumoniae promotes its own survival via choline-binding protein CbpC-mediated degradation of ATG14.**Autophagy , Volume: 16 Issue: 8 2020 Aug****Authors Shizukuishi S,Ogawa M,Ryo A,Ohnishi M**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**Early Introduction of Solid Feeds: Ingestion Level Matters More Than Prebiotic Supplementation for Shaping Gut Microbiota.**Frontiers in veterinary science , Volume: 7 2020****Authors Paës C,Gidenne T,Bébin K,Duperray J,Gohier C,Guené-Grand E,Rebours G,Bouchez O,Barily C,Aymard P,Combes S**Prebiotic effect of inulin-type fructans on faecal microbiota and short-chain fatty acids in type 2 diabetes: a randomised controlled trial.**European journal of nutrition , Volume: 59 Issue: 7 2020 Oct****Authors Birkeland E,Gharagozlian S,Birkeland Kl,Valeur J,Måge I,Rud I,Aas AM**Synergistic responses of intestinal microbiota and epithelium to dietary inulin supplementation in pigs.**European journal of nutrition , Volume: 60 Issue: 2 2021 Mar****Authors He J,Xie H,Chen D,Yu B,Huang Z,Mao X,Zheng P,Luo Y,Yu J,Luo J,Yan H**Unsaturated alginate oligosaccharides attenuated obesity-related metabolic abnormalities by modulating gut microbiota in high-fat-diet mice.

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

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

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,Tabatabaei Yazdi F

Characteristics of the Gut Microbiome of Healthy Young Male Soldiers in South Korea: The Effects of Smoking.

Gut and liver , Volume: 15 Issue: 2 2021 Mar 15

Authors Yoon H,Lee DH,Lee JH,Kwon JE,Shin CM,Yang SJ,Park SH,Lee JH,Kang SW,Lee JS,Kim BY

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

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

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

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

Nutrients , Volume: 12 Issue: 5 2020 May 1

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

In-vitro antibacterial effect of tea polyphenols combined with common antibiotics on multidrug-resistant Klebsiella pneumoniae.

Minerva medica , Volume: 111 Issue: 6 2020 Dec

Authors Zhang N,Liu W,Qian K

<i>Lactobacillus paracasei</i> subsp. <i>paracasei</i> NTU 101 lyophilized powder improves loperamide-induced constipation in rats.

Heliyon , Volume: 6 Issue: 4 2020 Apr

Authors Chen CL,Chao SH,Pan TM

Effect of chicory inulin-type fructan-containing snack bars on the human gut microbiota in low dietary fiber consumers in a randomized crossover trial.

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

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

Cultivation of the Next-Generation Probiotic Akkermansia muciniphila, Methods of Its Safe Delivery to the Intestine, and Factors Contributing to Its Growth In Vivo.

Current microbiology , Volume: 77 Issue: 8 2020 Aug

Authors Ropot AV,Karamzin AM,Sergeyev OV

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

Comparison of the prebiotic properties of native chicory and synthetic inulins using swine fecal cultures.

Bioscience, biotechnology, and biochemistry , Volume: 84 Issue: 7 2020 Jul

Authors Nakayama Y,Kawasaki N,Tamiya T,Anzai S,Toyohara K,Nishiyama A,Kitazono E

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

Nutrients , Volume: 12 Issue: 4 2020 Apr 5

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

Effects of caspofungin, tolcapone and other FDA-approved medications on MRSA susceptibility to vancomycin.

Journal of global antimicrobial resistance , Volume: 22 2020 Sep

Authors Moore JA,Meakin M,Earl MH,Kummer TM,McAleer JP,Long TE

Chinese Propolis Prevents Obesity and Metabolism Syndromes Induced by a High Fat Diet and Accompanied by an Altered Gut Microbiota Structure in Mice.

Nutrients , Volume: 12 Issue: 4 2020 Mar 30

Authors Zheng Y,Wu Y,Tao L,Chen X,Jones TJ,Wang K,Hu F

Dynamic changes in gut microbiota under the influence of smoking and TNF- α -blocker in patients with ankylosing spondylitis.

Clinical rheumatology , Volume: 39 Issue: 9 2020 Sep

Authors Zhang F,Ma C,Zhang B,Bi L

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

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

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

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

Synergistic antibacterial, antifungal and antioxidant efficacy of cinnamon and clove essential oils in combination.

Archives of microbiology , Volume: 202 Issue: 6 2020 Aug

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

Assessment of Antimicrobial Effectiveness of Neem and Clove Extract Against *Streptococcus mutans* and *Candida albicans*: An In vitro Study.

Nigerian medical journal : journal of the Nigeria Medical Association , Volume: 60 Issue: 6 2019 Nov-Dec

Authors Bansal V,Gupta M,Bhaduri T,Shaikh SA,Sayed FR,Bansal V,Agrawal A

Antioxidant properties and antimicrobial activity of manuka honey versus Polish honeys.

Journal of food science and technology , Volume: 57 Issue: 4 2020 Apr

Authors Goslinski M,Nowak D,Klebukowska L

Ethanol extract of propolis prevents high-fat diet-induced insulin resistance and obesity in association with modulation of gut microbiota in mice.

Food research international (Ottawa, Ont.) , Volume: 130 2020 Apr

Authors Cai W,Xu J,Li G,Liu T,Guo X,Wang H,Luo L

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

BMC nutrition , Volume: 5 2019

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

Air pollution exposure is associated with the gut microbiome as revealed by shotgun metagenomic sequencing.

Environment international , Volume: 138 2020 May

Authors Fouladi F,Bailey MJ,Patterson WB,Sioda M,Blakley IC,Fodor AA,Jones RB,Chen Z,Kim JS,Lurmann F,Martino C,Knight R,Gilliland FD,Alderete TL

Rice bran attenuated obesity via alleviating dyslipidemia, browning of white adipocytes and modulating gut microbiota in high-fat diet-induced obese mice.

Food & function , Volume: 11 Issue: 3 2020 Mar 1

Authors Zou Y,Ju X,Chen W,Yuan J,Wang Z,Aluko RE,He R

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

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

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

Effects of whole-grain wheat, rye, and lignan supplementation on cardiometabolic risk factors in men with metabolic syndrome: a randomized crossover trial.

The American journal of clinical nutrition , Volume: 111 Issue: 4 2020 Apr 1

Authors Eriksen AK,Brunius C,Mazidi M,Hellström PM,Risérus U,Iversen KN,Fristedt R,Sun L,Huang Y,Nørskov NP,Knudsen KEB,Kyrø C,Olsen A,Tjønneland A,Dicksved J,Landberg R

Prebiotic activity of garlic (<i>Allium sativum</i>) extract on <i>Lactobacillus acidophilus</i>.

Veterinary world , Volume: 12 Issue: 12 2019 Dec

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

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

Altered microbial community structure and metabolism in cow's milk allergic mice treated with oral immunotherapy and fructo-oligosaccharides.

Beneficial microbes , Volume: 11 Issue: 1 2020 Feb 19

Authors Vonk MM,Engen PA,Naqib A,Green SJ,Keshavarzian A,Blokhus BRJ,Garsen J,Knippels LM,van Esch BCAM

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,Akililu 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

Effect of wheat bran derived prebiotic supplementation on gastrointestinal transit, gut microbiota, and metabolic health: a randomized controlled trial in healthy adults with a slow gut transit.

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

Authors Müller M,Hermes GDA,Emanuel E C,Holst JJ,Zoetendal EG,Smidt H,Troost F,Schaap FG,Damink SO,Jocken JWE,Lenaerts K,Masclée AAM,Blaak EE

Gut Microbiota Modulation by Dietary Barley Malt Melanoidins.

Nutrients , Volume: 12 Issue: 1 2020 Jan 17

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

Dietary prophage inducers and antimicrobials: toward landscaping the human gut microbiome.

Gut microbes , 2020 Jan 13

Authors Boling L,Cuevas DA,Grasis JA,Kang HS,Knowles B,Levi K,Maughan H,McNair K,Rojas MI,Sánchez SE,Smurthwaite C,Rohwer F

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

Food for thought about manipulating gut bacteria.

Nature , Volume: 577 Issue: 7788 2020 Jan

Authors Delzenne NM,Bindels LB

Chronic oral exposure to glycated whey proteins increases survival of aged male NOD mice with autoimmune prostatitis by regulating the gut microbiome and anti-inflammatory responses.

Food & function , Volume: 11 Issue: 1 2020 Jan 29

Authors Chen Y,Guo KM,Nagy T,Guo TL

Dietary resistant starch modifies the composition and function of caecal microbiota of broilers.

Journal of the science of food and agriculture , Volume: 100 Issue: 3 2020 Feb

Authors Zhang Y,Liu Y,Li J,Xing T,Jiang Y,Zhang L,Gao F

Structural Analysis of Gluco-Oligosaccharides Produced by *< i>Leuconostoc lactis</i>* and Their Prebiotic Effect.

Molecules (Basel, Switzerland) , Volume: 24 Issue: 21 2019 Nov 5

Authors Lee S,Park J,Jang JK,Lee BH,Park YS

Phytochemical Profile, Bioactivity, and Prebiotic Potential of Bound Phenolics Released from Rice Bran Dietary Fiber during in Vitro Gastrointestinal Digestion and Colonic Fermentation.

Journal of agricultural and food chemistry , Volume: 67 Issue: 46 2019 Nov 20

Authors Zhang X,Zhang M,Dong L,Jia X,Liu L,Ma Y,Huang F,Zhang R

Chitooligosaccharides Prevents the Development of Colitis-Associated Colorectal Cancer by Modulating the Intestinal Microbiota and Mycobiota.

Frontiers in microbiology , Volume: 10 2019

Authors Wu M,Li J,An Y,Li P,Xiong W,Li J,Yan D,Wang M,Zhong G

The effect of inulin and resistant maltodextrin on weight loss during energy restriction: a randomised, placebo-controlled, double-blinded intervention.

European journal of nutrition , 2019 Oct 11

Authors Hess AL,Benítez-Páez A,Blædel T,Larsen LH,Iglesias JR,Madera C,Sanz Y,Larsen TM,MyNewGut Consortium.

Intestinal microbiome analysis demonstrates azithromycin post-treatment effects improve when combined with lactulose.

World journal of pediatrics : WJP , Volume: 16 Issue: 2 2020 Apr

Authors Nikolaou E,Kamilari E,Savkov D,Sergeev A,Zakharova I,Vogazianos P,Tomazou M,Antoniades A,Shammas C

An examination of data from the American Gut Project reveals that the dominance of the genus *Bifidobacterium* is associated with the diversity and robustness of the gut microbiota.

MicrobiologyOpen , Volume: 8 Issue: 12 2019 Dec

Authors Feng Y,Duan Y,Xu Z,Lyu N,Liu F,Liang S,Zhu B

Propolis modulates the gut microbiota and improves the intestinal mucosal barrier function in diabetic rats.

Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 118 2019 Oct

Authors Xue M,Liu Y,Xu H,Zhou Z,Ma Y,Sun T,Liu M,Zhang H,Liang H

Comparison of antifungal activity of essential oils from different plants against three fungi.

Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association , Volume: 134 2019 Dec

Authors Hu F,Tu XF,Thakur K,Hu F,Li XL,Zhang YS,Zhang JG,Wei ZJ

Lactulose drives a reversible reduction and qualitative modulation of the faecal microbiota diversity in healthy dogs.

Scientific reports , Volume: 9 Issue: 1 2019 Sep 16

*Authors Ferreira MDF,Salavati Schmitz S,Schoenebeck JJ,Clements DN,Campbell SM,Gaylor DE,Mellanby RJ,Gow AG,Salavati M
Wheat Gluten Regulates Cholesterol Metabolism by Modulating Gut Microbiota in Hamsters with Hyperlipidemia.*

Journal of oleo science , Volume: 68 Issue: 9 2019

Authors Liang TT,Tong LT,Geng DH,Wang LL,Zhou XR,Pu HY,Jia W,Wu QP,Huang JR

Regulatory Function of Buckwheat-Resistant Starch Supplementation on Lipid Profile and Gut Microbiota in Mice Fed with a High-Fat Diet.

Journal of food science , Volume: 84 Issue: 9 2019 Sep

Authors Zhou Y,Zhao S,Jiang Y,Wei Y,Zhou X

In vitro fecal fermentation of propionylated high-amylose maize starch and its impact on gut microbiota.

Carbohydrate polymers , Volume: 223 2019 Nov 1

Authors Xie Z,Wang S,Wang Z,Fu X,Huang Q,Yuan Y,Wang K,Zhang B

Immunomodulatory and Prebiotic Effects of 2'-Fucosyllactose in Suckling Rats.

Frontiers in immunology , Volume: 10 2019

Authors Azagra-Boronat I,Massot-Cladera M,Mayneris-Perxachs J,Knipping K,Van 't Land B,Tims S,Stahl B,Garssen J,Franch À,Castell M,Rodríguez-Lagunas MJ,Pérez-Cano FJ

Effect of Bay Leaves Essential Oil Concentration on the Properties of Biodegradable Carboxymethyl Cellulose-Based Edible Films.

Materials (Basel, Switzerland) , Volume: 12 Issue: 15 2019 Jul 24

Authors Rincón E,Serrano L,Balu AM,Aguilar JJ,Luque R,García A

Dietary Factors and Modulation of Bacteria Strains of <i>Akkermansia muciniphila</i> and <i>Faecalibacterium prausnitzii</i>: A Systematic Review.

Nutrients , Volume: 11 Issue: 7 2019 Jul 11

Authors Verhoog S,Taneri PE,Roa Díaz ZM,Marques-Vidal P,Troup JP,Bally L,Franco OH,Glisic M,Muka T

Daily intake of wheat germ-enriched bread may promote a healthy gut bacterial microbiota: a randomised controlled trial.

European journal of nutrition , Volume: 59 Issue: 5 2020 Aug

Authors Moreira-Rosário A,Marques C,Pinheiro H,Norberto S,Sintra D,Teixeira JA,Calhau C,Azevedo LF

Supplementation of diet with non-digestible oligosaccharides alters the intestinal microbiota, but not arthritis development, in IL-1 receptor antagonist deficient mice.

PLoS one , Volume: 14 Issue: 7 2019

Authors Rogier R,Ederveen THA,Wopereis H,Hartog A,Boekhorst J,van Hijum SAFT,Knol J,Garssen J,Walgren B,Helsen MM,van der Kraan PM,van Lent PLEM,van de Loo FAJ,Abdollahi-Roodsaz S,Koenders MI

Lactose and Bovine Milk Oligosaccharides Synergistically Stimulate *B. longum* subsp. *longum* Growth in a Simplified Model of the Infant Gut Microbiome.

Journal of proteome research , Volume: 18 Issue: 8 2019 Aug 2

Authors Jakobsen LMA,Sundekilde UK,Andersen HJ,Nielsen DS,Bertram HC

Resistant Starch is Actively Fermented by Infant Faecal Microbiota and Increases Microbial Diversity.

Nutrients , Volume: 11 Issue: 6 2019 Jun 14

Authors Gopalsamy G,Mortimer E,Greenfield P,Bird AR,Young GP,Christophersen CT

Microbiome-Metabolomics Analysis Investigating the Impacts of Dietary Starch Types on the Composition and Metabolism of Colonic Microbiota in Finishing Pigs.

Frontiers in microbiology , Volume: 10 2019

Authors Yu M,Li Z,Chen W,Rong T,Wang G,Ma X

Preventive Effects and Mechanisms of Garlic on Dyslipidemia and Gut Microbiome Dysbiosis.

Nutrients , Volume: 11 Issue: 6 2019 May 29

Authors Chen K,Xie K,Liu Z,Nakasone Y,Sakao K,Hossain A,Hou DX

Effects of a Lactulose-Rich Diet on Fecal Microbiome and Metabolome in Pregnant Mice.

Journal of agricultural and food chemistry , Volume: 67 Issue: 27 2019 Jul 10

Authors Zhang Z,Chen X,Zhao J,Tian C,Wei X,Li H,Lin W,Jiang A,Feng R,Yuan J,Zhao X

Prebiotic effect of two grams of lactulose in healthy Japanese women: a randomised, double-blind, placebo-controlled crossover trial.

Beneficial microbes , Volume: 10 Issue: 6 2019 Jul 10

Authors Sakai Y,Seki N,Hamano K,Ochi H,Abe F,Masuda K,Iino H

Prebiotic effect of two grams of lactulose in healthy Japanese women: a randomised, double-blind, placebo-controlled crossover trial.

Beneficial microbes , Volume: 10 Issue: 6 2019 Jul 10

Authors Sakai Y,Seki N,Hamano K,Ochi H,Abe F,Masuda K,Iino H

- Stability of probiotics with antibiotics via gastric tube by simple suspension method: An in vitro study.
- Journal of infection and chemotherapy : official journal of the Japan Society of Chemotherapy , 2019 May 21**
- Authors** Mitsubishi S,Muto K,Okubo K,Fukuhara M
- The role of short-chain fatty acids in microbiota-gut-brain communication.
- Nature reviews. Gastroenterology & hepatology , Volume: 16 Issue: 8 2019 Aug**
- Authors** Dalile B,Van Oudenhove L,Vervliet B,Verbeke K
- Effects of a diet based on inulin-rich vegetables on gut health and nutritional behavior in healthy humans.
- The American journal of clinical nutrition , Volume: 109 Issue: 6 2019 Jun 1**
- Authors** Hiel S,Bindels LB,Pachikian BD,Kalala G,Broers V,Zamariola G,Chang BPI,Kambashi B,Rodriguez J,Cani PD,Neyrinck AM,Thissen JP,Luminet O,Bindelle J,Delzenne NM
- A study of the prebiotic effect of lactulose at low dosages in healthy Japanese women.
- Bioscience of microbiota, food and health , Volume: 38 Issue: 2 2019**
- Authors** Sakai Y,Seki N,Hamano H,Ochi H,Abe F,Shimizu F,Masuda K,Iino H
- Associations between usual diet and gut microbiota composition: results from the Milieu Intérieur cross-sectional study.
- The American journal of clinical nutrition , Volume: 109 Issue: 5 2019 May 1**
- Authors** Partula V,Mondot S,Torres MJ,Kesse-Guyot E,Deschamps M,Assmann K,Latino-Martel P,Buscail C,Julia C,Galan P,Hercberg S,Rouilly V,Thomas S,Quintana-Murci L,Albert ML,Duffy D,Lantz O,Touvier M,Milieu Intérieur Consortium
- The Effects of Intact Cereal Grain Fibers, Including Wheat Bran on the Gut Microbiota Composition of Healthy Adults: A Systematic Review.
- Frontiers in nutrition , Volume: 6 2019**
- Authors** Jefferson A,Adolphus K
- Beneficial effects of ginger on prevention of obesity through modulation of gut microbiota in mice.
- European journal of nutrition , Volume: 59 Issue: 2 2020 Mar**
- Authors** Wang J,Wang P,Li D,Hu X,Chen F
- Targeting the Gut Microbiota to Investigate the Mechanism of Lactulose in Negating the Effects of a High-Salt Diet on Hypertension.
- Molecular nutrition & food research , Volume: 63 Issue: 11 2019 Jun**
- Authors** Zhang Z,Zhao J,Tian C,Chen X,Li H,Wei X,Lin W,Zheng N,Jiang A,Feng R,Yuan J,Zhao X
- Influence of proton pump inhibitors on microbiota in chronic liver disease patients.
- Hepatology international , Volume: 13 Issue: 2 2019 Mar**
- Authors** Yamamoto K,Ishigami M,Honda T,Takeyama T,Ito T,Ishizu Y,Kuzuya T,Hayashi K,Goto H,Hirooka Y
- Isolation of wheat bran-colonizing and metabolizing species from the human fecal microbiota.
- PeerJ , Volume: 7 2019**
- Authors** De Paepe K,Verspreet J,Rezaei MN,Hidalgo Martinez S,Meysman F,Van de Walle D,Dewettinck K,Raes J,Courtin C,Van de Wiele T
- Arabinoxylan from Argentinian whole wheat flour promote the growth of *Lactobacillus reuteri* and *Bifidobacterium breve*.
- Letters in applied microbiology , Volume: 68 Issue: 2 2019 Feb**
- Authors** Paesani C,Salvucci E,Moiraghi M,Fernandez Canigia L,Pérez GT
- Strategies to promote abundance of *< i>Akkermansia muciniphila</i>*, an emerging probiotics in the gut, evidence from dietary intervention studies.
- Journal of functional foods , Volume: 33 2017 Jun**
- Authors** Zhou K
- Alterations in gut microbiota composition and metabolic parameters after dietary intervention with barley beta glucans in patients with high risk for metabolic syndrome development.
- Anaerobe , Volume: 55 2019 Feb**
- Authors** Velikonja A,Lipoglavšek L,Zorec M,Orel R,Avguštin G
- Inulin-type fructans improve active ulcerative colitis associated with microbiota changes and increased short-chain fatty acids levels.
- Gut microbes , 2018 Nov 5**
- Authors** Valcheva R,Koleva P,Martínez I,Walter J,Gänzle MG,Dieleman LA
- Prevalence and Antimicrobial Susceptibility of Bacterial Uropathogens Isolated from Pediatric Patients at Yekatit 12 Hospital Medical College, Addis Ababa, Ethiopia.
- International journal of microbiology , Volume: 2018 2018**
- Authors** Merga Duffa Y,Terfa Kitila K,Mamuye Gebretsadik D,Bitew A
- Antidepressant Effects of Rosemary Extracts Associate With Anti-inflammatory Effect and Rebalance of Gut Microbiota.
- Frontiers in pharmacology , Volume: 9 2018**
- Authors** Guo Y,Xie J,Li X,Yuan Y,Zhang L,Hu W,Luo H,Yu H,Zhang R
- In vitro fermentation of raffinose by the human gut bacteria.

Food & function , Volume: 9 Issue: 11 2018 Nov 14

Authors Mao B,Tang H,Gu J,Li D,Cui S,Zhao J,Zhang H,Chen W

Biological Activities of Lactose-Derived Prebiotics and Symbiotic with Probiotics on Gastrointestinal System.

Medicina (Kaunas, Lithuania) , Volume: 54 Issue: 2 2018 Apr 17

Authors Nath A,Haktanırılar G,Varga Á,Molnár MA,Albert K,Galambos I,Koris A,Vatai G

Antimicrobial activity of spices essential oils and its effectiveness on mature biofilms of human pathogens.

Natural product research , 2018 Oct 13

Authors Condò C,Anacarso I,Sabia C,Iseppi R,Anfelli I,Forti L,de Niederhäusern S,Bondi M,Messi P

Effects of Whole Milk Supplementation on Gut Microbiota and Cardiometabolic Biomarkers in Subjects with and without Lactose Malabsorption.

Nutrients , Volume: 10 Issue: 10 2018 Oct 2

Authors Li X,Yin J,Zhu Y,Wang X,Hu X,Bao W,Huang Y,Chen L,Chen S,Yang W,Shan Z,Liu L

Effects of daily consumption of the probiotic Bifidobacterium animalis subsp. lactis CECT 8145 on anthropometric adiposity biomarkers in abdominally obese subjects: a randomized controlled trial.

International journal of obesity (2005) , 2018 Sep 27

Authors Pedret A,Valls RM,Calderón-Pérez L,Llauroadó E,Companys J,Pla-Pagà L,Moragas A,Martín-Luján F,Ortega Y,Giralt M,Caimari A,Chenoll E,Genovés S,Martorell P,Codoñer FM,Ramón D,Arola L,Solà R

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 inulin supplementation to piglets in the suckling period on growth performance, postileal microbial and immunological traits in the suckling period and three weeks after weaning.

Archives of animal nutrition , Volume: 72 Issue: 6 2018 Dec

Authors Li B,Schroyen M,Leblois J,Wavreille J,Soyeurt H,Bindelle J,Everaert N

Investigating of Moringa Oleifera Role on Gut Microbiota Composition and Inflammation Associated with Obesity Following High Fat Diet Feeding.

Open access Macedonian journal of medical sciences , Volume: 6 Issue: 8 2018 Aug 20

Authors Elabd EMY,Morsy SM,Elmalt HA

[Microbiological profiles of pathogens causing nosocomial bacteremia in 2011, 2013 and 2016].

Sheng wu gong cheng xue bao = Chinese journal of biotechnology , Volume: 34 Issue: 8 2018 Aug 25

Authors Wang X,Zhao C,Li H,Chen H,Jin L,Wang Z,Liao K,Zeng J,Xu X,Jin Y,Su D,Liu W,Hu Z,Cao B,Chu Y,Zhang R,Luo Y,Hu B,Wang H

Introducing insoluble wheat bran as a gut microbiota niche in an in vitro dynamic gut model stimulates propionate and butyrate production and induces colon region specific shifts in the luminal and mucosal microbial community.

Environmental microbiology , Volume: 20 Issue: 9 2018 Sep

Authors De Paepe K,Verspreet J,Verbeke K,Raes J,Courtin CM,Van de Wiele T

Effects of Turmeric and Curcumin Dietary Supplementation on Human Gut Microbiota: A Double-Blind, Randomized, Placebo-Controlled Pilot Study.

Journal of evidence-based integrative medicine , Volume: 23 2018 Jan-Dec

Authors Peterson CT,Vaughn AR,Sharma V,Chopra D,Mills PJ,Peterson SN,Sivamani RK

Barley Products of Different Fiber Composition Selectively Change Microbiota Composition in Rats.

Molecular nutrition & food research , Volume: 62 Issue: 19 2018 Oct

Authors Teixeira C,Prykhodko O,Alminger M,Fåk Hållenius F,Nyman M

Inulin fiber dose-dependently modulates energy balance, glucose tolerance, gut microbiota, hormones and diet preference in high-fat-fed male rats.

The Journal of nutritional biochemistry , Volume: 59 2018 Sep

Authors Singh A,Zapata RC,Pezeshki A,Reidelberger RD,Chelikani PK

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

Bifidobacterium bifidum TMC3115 Can Characteristically Influence Glucose and Lipid Profile and Intestinal Microbiota in the Middle-Aged and Elderly.

Probiotics and antimicrobial proteins , 2018 Jul 5

Authors Wang K,Yu X,Li Y,Guo Y,Ge L,Pu F,Ma X,Cui W,Marrota F,He F,Li M

- High Fructose Intake During Pregnancy in Rats Influences the Maternal Microbiome and Gut Development in the Offspring.
Frontiers in genetics , Volume: 9 2018
Authors Astbury S,Song A,Zhou M,Nielsen B,Hoedl A,Willing BP,Symonds ME,Bell RC
Beneficial effects of the commercial lactic acid bacteria product, Vigis 101, on gastric mucosa and intestinal bacterial flora in rats.
- Journal of microbiology, immunology, and infection = Wei mian yu gan ran za zhi , 2018 Jun 23**
Authors Kao L,Liu TH,Tsai TY,Pan TM
Effects of garlic polysaccharide on alcoholic liver fibrosis and intestinal microflora in mice.
- Pharmaceutical biology , Volume: 56 Issue: 1 2018 Dec**
Authors Wang Y,Guan M,Zhao X,Li X
Enterococcus faecium WEFA23 from infant lessens high-fat-diet-induced hyperlipidemia via cholesterol 7-alpha-hydroxylase gene by altering the composition of gut microbiota in rats.
- Journal of dairy science , 2018 Jun 20**
Authors Huang F,Zhang F,Xu D,Zhang Z,Xu F,Tao X,Qiu L,Wei H
Anti-inflammatory and antibacterial evaluation of Thymus sipyleus Boiss. subsp. sipyleus var. sipyleus essential oil against rhinosinusitis pathogens.
- Microbial pathogenesis , Volume: 122 2018 Sep**
Authors Demirci F,Karaca N,Tekin M,Demirci B
High-Glucose or -Fructose Diet Cause Changes of the Gut Microbiota and Metabolic Disorders in Mice without Body Weight Change.
- Nutrients , Volume: 10 Issue: 6 2018 Jun 13**
Authors Do MH,Lee E,Oh MJ,Kim Y,Park HY
Chicory Roots for Prebiotics and Appetite Regulation: A Pilot Study in Mice.
- Journal of agricultural and food chemistry , Volume: 66 Issue: 25 2018 Jun 27**
Authors Fouré M,Dugardin C,Foligné B,Hance P,Cadalen T,Delcourt A,Taminiau B,Daube G,Ravallec R,Cudennec B,Hilbert JL,Lucau-Danila A
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
Inhalational exposure to particulate matter air pollution alters the composition of the gut microbiome.
- Environmental pollution (Barking, Essex : 1987) , Volume: 240 2018 Sep**
Authors Mutlu EA,Comba IY,Cho T,Engen PA,Yazici C,Soberanes S,Hamanaka RB,Nigdehoglu R,Meliton AY,Ghio AJ,Budinger GRS,Mutlu GM
Characterization and prebiotic activity in vitro of inulin-type fructan from Codonopsis pilosula roots.
- Carbohydrate polymers , Volume: 193 2018 Aug 1**
Authors Fu YP,Li LX,Zhang BZ,Paulsen BS,Yin ZQ,Huang C,Feng B,Chen XF,Jia RR,Song X,Ni XQ,Jing B,Wu FM,Zou YF
Effects of Whole-Grain Rice and Wheat on Composition of Gut Microbiota and Short-Chain Fatty Acids in Rats.
- Journal of agricultural and food chemistry , 2018 May 29**
Authors Han F,Wang Y,Han Y,Zhao J,Han F,Song G,Jiang P,Miao H
Dietary fiber intervention on gut microbiota composition in healthy adults: a systematic review and meta-analysis.
- The American journal of clinical nutrition , Volume: 107 Issue: 6 2018 Jun 1**
Authors So D,Whelan K,Rossi M,Morrison M,Holtmann G,Kelly JT,Shanahan ER,Staudacher HM,Campbell KL
Catechin supplemented in a FOS diet induces weight loss by altering cecal microbiota and gene expression of colonic epithelial cells.
- Food & function , Volume: 9 Issue: 5 2018 May 23**
Authors Luo J,Han L,Liu L,Gao L,Xue B,Wang Y,Ou S,Miller M,Peng X
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
Modifications in gut microbiota and fermentation metabolites in the hindgut of rats after the consumption of galactooligosaccharide glycated with a fish peptide.
- Food & function , Volume: 9 Issue: 5 2018 May 1**
Authors Jin W,Han K,Dong S,Yang Y,Mao Z,Su M,Zeng M
Quorum-sensing inhibitor potential of trans-anethole against Pseudomonas aeruginosa.
- Journal of applied microbiology , Volume: 125 Issue: 3 2018 Sep**
Authors Hançer Aydemir D,Çifci G,Aviyente V,Bosgelmez-Tinaz G
The Endotoxemia Marker Lipopolysaccharide-Binding Protein is Reduced in Overweight-Obese Subjects Consuming Pomegranate Extract by Modulating the Gut Microbiota: A Randomized Clinical Trial.

Molecular nutrition & food research , 2018 Apr 17

Authors González-Sarrías A,Romo-Vaquero M,García-Villalba R,Cortés-Martín A,Selma MV,Espin JC

Smoking and the intestinal microbiome.

Archives of microbiology , Volume: 200 Issue: 5 2018 Jul

Authors Savin Z,Kivity S,Yonath H,Yehuda S

Effect of lactulose intervention on gut microbiota and short chain fatty acid composition of C57BL/6J mice.

MicrobiologyOpen , Volume: 7 Issue: 6 2018 Dec

Authors Zhai S,Zhu L,Qin S,Li L

Extensive impact of non-antibiotic drugs on human gut bacteria.

Nature , Volume: 555 Issue: 7698 2018 Mar 29

Authors Maier L,Pruteanu M,Kuhn M,Zeller G,Telzerow A,Anderson EE,Brochado AR,Fernandez KC,Dose H,Mori H,Patil KR,Bork P,Typas A

Wheat-derived arabinoylan oligosaccharides with bifidogenic properties abolishes metabolic disorders induced by western diet in mice.

Nutrition & diabetes , Volume: 8 Issue: 1 2018 Mar 7

Authors Neyrinck AM,Hiel S,Bouzin C,Campayo VG,Cani PD,Bindels LB,Delzenne NM

Molecular Modelling reveals the inhibition mechanism and structure-activity relationship of curcumin and its analogues to Staphylococcal aureus Sortase A.

Journal of biomolecular structure & dynamics , Volume: 37 Issue: 5 2019 Mar

Authors Niu X,Gao Y,Yu Y,Yang Y,Wang G,Sun L,Wang H

Whole Tibetan Hull-Less Barley Exhibit Stronger Effect on Promoting Growth of Genus Bifidobacterium than Refined Barley In Vitro.

Journal of food science , Volume: 83 Issue: 4 2018 Apr

Authors Gong L,Cao W,Gao J,Wang J,Zhang H,Sun B,Yin M

Combination of essential oil and ciprofloxacin to inhibit/eradicate biofilms in multidrug-resistant Klebsiella pneumoniae.

Journal of applied microbiology , Volume: 125 Issue: 1 2018 Jul

Authors Mohamed SH,Mohamed MSM,Khalil MS,Azmy M,Mabrouk MI

Inulin-type fructan improves diabetic phenotype and gut microbiota profiles in rats.

PeerJ , Volume: 6 2018

Authors Zhang Q,Yu H,Xiao X,Hu L,Xin F,Yu X

Complementary Mechanisms for Degradation of Inulin-Type Fructans and Arabinoxylan Oligosaccharides among Bifidobacterial Strains Suggest Bacterial Cooperation.

Applied and environmental microbiology , Volume: 84 Issue: 9 2018 May 1

Authors Rivière A,Selak M,Geirnaert A,Van den Abbeele P,De Vuyst L

Tartary buckwheat protein prevented dyslipidemia in high-fat diet-fed mice associated with gut microbiota changes.

Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association , 2018 Feb 23

Authors Zhou XL,Yan BB,Xiao Y,Zhou YM,Liu TY

Fermentation of non-digestible raffinose family oligosaccharides and galactomannans by probiotics.

Food & function , Volume: 9 Issue: 3 2018 Mar 1

Authors Zartl B,Silberbauer K,Loeppert R,Viernstein H,Praznik W,Mueller M

Effects of a galacto-oligosaccharide-rich diet on fecal microbiota and metabolite profiles in mice.

Food & function , 2018 Feb 21

Authors Cheng W,Lu J,Lin W,Wei X,Li H,Zhao X,Jiang A,Yuan J

Essential oils from Origanum vulgare and Salvia officinalis exhibit antibacterial and anti-biofilm activities against Streptococcus pyogenes.

Microbial pathogenesis , Volume: 117 2018 Apr

Authors Wijesundara NM,Rupasinghe HPV

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

Prebiotic Wheat Bran Fractions Induce Specific Microbiota Changes.

Frontiers in microbiology , Volume: 9 2018

Authors D`hoe K,Conterno L,Fava F,Falony G,Vieira-Silva S,Vermeiren J,Tuohy K,Raes J

[Assessment of the impact of vitamin and dietary fiber content in the diet on the characteristics of protective colon microbiota populations of rats].

Voprosy pitaniia , Volume: 84 Issue: 6 2015

Authors Markova YM,Sheveleva SA

The influence of long-term use of proton pump inhibitors on the gut microbiota: an age-sex-matched case-control study.

Journal of clinical biochemistry and nutrition , Volume: 62 Issue: 1 2018 Jan

Authors Takagi T,Naito Y,Inoue R,Kashiwagi S,Uchiyama K,Mizushima K,Tsuchiya S,Okayama T,Dohi O,Yoshida N,Kamada K,Ishikawa T,Handa O,Konishi H,Okuda K,Tsujimoto Y,Ohnogi H,Itoh Y

Habitual dietary fibre intake influences gut microbiota response to an inulin-type fructan prebiotic: a randomised, double-blind, placebo-controlled, cross-over, human intervention study.

The British journal of nutrition , Volume: 119 Issue: 2 2018 Jan

Authors Healey G,Murphy R,Butts C,Brough L,Whelan K,Coad J

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

Intraruminal infusion of oligofructose alters ruminal microbiota and induces acute laminitis in sheep.

Journal of animal science , Volume: 95 Issue: 12 2017 Dec

Authors Li H,Liu J,Zhu W,Mao S

Influence of a diet enriched with virgin olive oil or butter on mouse gut microbiota and its correlation to physiological and biochemical parameters related to metabolic syndrome.

PLoS one , Volume: 13 Issue: 1 2018

Authors Prieto I,Hidalgo M,Segarra AB,Martínez-Rodríguez AM,Cobo A,Ramírez M,Abriouel H,Gálvez A,Martínez-Cañamero M

Update of incidence and antimicrobial susceptibility trends of Escherichia coli and Klebsiella pneumoniae isolates from Chinese intra-abdominal infection patients.

BMC infectious diseases , Volume: 17 Issue: 1 2017 Dec 18

Authors Zhang H,Yang Q,Liao K,Ni Y,Yu Y,Hu B,Sun Z,Huang W,Wang Y,Wu A,Feng X,Luo Y,Chu Y,Chen S,Cao B,Su J,Duan Q,Zhang S,Shao H,Kong H,Gui B,Hu Z,Badal R,Xu Y

Exposure to traffic-related air pollution and the composition of the gut microbiota in overweight and obese adolescents.

Environmental research , Volume: 161 2018 Feb

Authors Alderete TL,Jones RB,Chen Z,Kim JS,Habre R,Lurmann F,Gilliland FD,Goran MI

Exposure to traffic-related air pollution and the composition of the gut microbiota in overweight and obese adolescents.

Environmental research , Volume: 161 2018 Feb

Authors Alderete TL,Jones RB,Chen Z,Kim JS,Habre R,Lurmann F,Gilliland FD,Goran MI

Effects of Lactobacillus acidophilus on gut microbiota composition in broilers challenged with Clostridium perfringens.

PLoS one , Volume: 12 Issue: 11 2017

Authors Li Z,Wang W,Liu D,Guo Y

Azithromycin Pharmacodynamics against Persistent Haemophilus influenzae in Chronic Obstructive Pulmonary Disease.

Antimicrobial agents and chemotherapy , Volume: 62 Issue: 2 2018 Feb

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

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

Characterization of fecal fat composition and gut derived fecal microbiota in high-fat diet fed rats following intervention with chito-oligosaccharide and resistant starch complexes.

Food & function , Volume: 8 Issue: 12 2017 Dec 13

Authors Shang W,Si X,Zhou Z,Li Y,Strappe P,Blanchard C

Indoor microbiota in severely moisture damaged homes and the impact of interventions.

Microbiome , Volume: 5 Issue: 1 2017 Oct 13

Authors Jayaprakash B,Adams RI,Kirjavainen P,Karvonen A,Vepsäläinen A,Valkonen M,Järvi K,Sulyok M,Pekkanen J,Hyvärinen A,Täubel M

Illumina Sequencing Approach to Characterize Thiamine Metabolism Related Bacteria and the Impacts of Thiamine Supplementation on Ruminal Microbiota in Dairy Cows Fed High-Grain Diets.

Frontiers in microbiology , Volume: 8 2017

Authors Pan X,Xue F,Nan X,Tang Z,Wang K,Beckers Y,Jiang L,Xiong B

Effect of Functional Oligosaccharides and Ordinary Dietary Fiber on Intestinal Microbiota Diversity.

Frontiers in microbiology , Volume: 8 2017

Authors Cheng W,Lu J,Li B,Lin W,Zhang Z,Wei X,Sun C,Chi M,Bi W,Yang B,Jiang A,Yuan J

Prebiotics Mediate Microbial Interactions in a Consortium of the Infant Gut Microbiome.

International journal of molecular sciences , Volume: 18 Issue: 10 2017 Oct 4

Authors Medina DA,Pinto F,Ovalle A,Thomson P,Garrido D

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

Dietary soy, meat, and fish proteins modulate the effects of prebiotic raffinose on composition and fermentation of gut microbiota in rats.

International journal of food sciences and nutrition , Volume: 69 Issue: 4 2018 Jun

Authors Bai G,Tsuruta T,Nishino N

Whole-Grain Starch and Fiber Composition Modifies Ileal Flow of Nutrients and Nutrient Availability in the Hindgut, Shifting Fecal Microbial Profiles in Pigs.

The Journal of nutrition , Volume: 147 Issue: 11 2017 Nov

Authors Fouhse JM,Gänzle MG,Beattie AD,Vasanthan T,Zijlstra RT

Synergistic effect of <i>Carum copticum</i> and <i>Mentha piperita</i> essential oils with ciprofloxacin, vancomycin, and gentamicin on Gram-negative and Gram-positive bacteria.

International journal of pharmaceutical investigation , Volume: 7 Issue: 2 2017 Apr-Jun

Authors Talei GR,Mohammadi M,Bahmani M,Kopaei MR

Fructooligosaccharide (FOS) and Galactooligosaccharide (GOS) Increase Bifidobacterium but Reduce Butyrate Producing Bacteria with Adverse Glycemic Metabolism in healthy young population.

Scientific reports , Volume: 7 Issue: 1 2017 Sep 18

Authors Liu F,Li P,Chen M,Luo Y,Prabhakar M,Zheng H,He Y,Qi Q,Long H,Zhang Y,Sheng H,Zhou H

Assessment of plaque regrowth with a probiotic toothpaste containing <i>Lactobacillus paracasei</i>: A spectrophotometric study.

Journal of the Indian Society of Pedodontics and Preventive Dentistry , Volume: 35 Issue: 4 2017 Oct-Dec

Authors Srinivasan S,Nandal B,Rao MVS

Antibacterial activity and interactions of plant essential oil combinations against Gram-positive and Gram-negative bacteria.

Journal of food and drug analysis , Volume: 25 Issue: 2 2017 Apr

Authors Semeniuc CA,Pop CR,Rotar AM

Dietary pomegranate extract and inulin affect gut microbiome differentially in mice fed an obesogenic diet.

Anaerobe , Volume: 48 2017 Dec

Authors Zhang S,Yang J,Henning SM,Lee R,Hsu M,Grojean E,Pisegna R,Ly A,Heber D,Li Z

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

Changes in the intestinal microbiota following the administration of azithromycin in a randomised placebo-controlled trial among infants in south India

Scientific Reports , Volume: 7 2017 Aug 23

Authors Parker EP,Praharaj I,John J,Kaliappan SP,Kampmann B,Kang G,Grassly NC

Regulative effects of curcumin spice administration on gut microbiota and its pharmacological implications.

Food & nutrition research , Volume: 61 Issue: 1 2017

Authors Shen L,Liu L,Ji HF

Effects of One-Week Empirical Antibiotic Therapy on the Early Development of Gut Microbiota and Metabolites in Preterm Infants

Scientific Reports , Volume: 7 2017 Aug 14

Authors Zhu D,Xiao S,Yu J,Ai Q,He Y,Cheng C,Zhang Y,Pan Y

Dietary Propolis Ameliorates Dextran Sulfate Sodium-Induced Colitis and Modulates the Gut Microbiota in Rats Fed a Western Diet.

Nutrients , Volume: 9 Issue: 8 2017 Aug 14

Authors Wang K,Jin X,You M,Tian W,Leu RK,Topping DL,Conlon MA,Wu L,Hu F

Variation on Composition and Bioactivity of Essential Oils of Four Common Curcuma Herbs.

Chemistry & biodiversity , Volume: 14 Issue: 11 2017 Nov

Authors Zhang L,Yang Z,Chen D,Huang Z,Li Y,Lan X,Su P,Pan W,Zhou W,Zheng X,Du Z

Lactobacillus casei CCFM419 attenuates type 2 diabetes via a gut microbiota dependent mechanism.

Food & function , Volume: 8 Issue: 9 2017 Sep 20

Authors Wang G,Li X,Zhao J,Zhang H,Chen W

Screening bioactivity and bioactive constituents of Nordic unifloral honeys.

Food chemistry , Volume: 237 2017 Dec 15

Authors Salonen A,Virjamo V,Tammela P,Fauch L,Julkunen-Tiitto R

Effects of oral florfenicol and azithromycin on gut microbiota and adipogenesis in mice.

PLoS one , Volume: 12 Issue: 7 2017

Authors Li R,Wang H,Shi Q,Wang N,Zhang Z,Xiong C,Liu J,Chen Y,Jiang L,Jiang Q

Dose-Dependent Prebiotic Effect of Lactulose in a Computer-Controlled In Vitro Model of the Human Large Intestine.

Nutrients , Volume: 9 Issue: 7 2017 Jul 18

Authors Bothe MK,Maathuis AJH,Bellmann S,van der Vossen JMBM,Berressem D,Koehler A,Schwejda-Guettes S,Gaigg B,Kuchinka-Koch A,Stover JF

Fat binding capacity and modulation of the gut microbiota both determine the effect of wheat bran fractions on adiposity.

Scientific reports , Volume: 7 Issue: 1 2017 Jul 17

Authors Suriano F,Bindels LB,Verspreet J,Courtin CM,Verbeke K,Cani PD,Neyrinck AM,Delzenne NM

Association of Silver Nanoparticles and Curcumin Solid Dispersion: Antimicrobial and Antioxidant Properties.

AAPS PharmSciTech , Volume: 19 Issue: 1 2018 Jan

Authors Alves TF,Chaud MV,Grotto D,Jozala AF,Pandit R,Rai M,Dos Santos CA

Prebiotic Potential and Chemical Composition of Seven Culinary Spice Extracts.

Journal of food science , Volume: 82 Issue: 8 2017 Aug

Authors Lu QY,Summanen PH,Lee RP,Huang J,Henning SM,Heber D,Finegold SM,Li Z

Monitoring <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

The effects of the Lactobacillus casei strain on obesity in children: a pilot study.

Beneficial microbes , Volume: 8 Issue: 4 2017 Aug 24

Authors Nagata S,Chiba Y,Wang C,Yamashiro Y

Inter-individual differences determine the outcome of wheat bran colonization by the human gut microbiome.

Environmental microbiology , Volume: 19 Issue: 8 2017 Aug

Authors De Paepe K,Kerckhof FM,Verspreet J,Courtin CM,Van de Wiele T

Gastrointestinal Simulation Model TWN-SHIME Shows Differences between Human Urolithin-Metabotypes in Gut Microbiota Composition, Pomegranate Polyphenol Metabolism, and Transport along the Intestinal Tract.

Journal of agricultural and food chemistry , Volume: 65 Issue: 27 2017 Jul 12

Authors García-Villalba R,Vissenaken H,Pitart J,Romo-Vaquero M,Espín JC,Grootaert C,Selma MV,Raes K,Smagghe G,Possemiers S,Van Camp J,Tomas-Barberan FA

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

The impact of fruit and soybean by-products and amaranth on the growth of probiotic and starter microorganisms.

Food research international (Ottawa, Ont.) , Volume: 97 2017 Jul

Authors Vieira ADS,Bedani R,Albuquerque MAC,Biscola V,Saad SMI

Human Milk Oligosaccharides Exhibit Antimicrobial and Antibiofilm Properties against Group B Streptococcus.

ACS infectious diseases , Volume: 3 Issue: 8 2017 Aug 11

Authors Ackerman DL,Doster RS,Weitkamp JH,Aronoff DM,Gaddy JA,Townsend SD

Probiotic yogurt and acidified milk similarly reduce postprandial inflammation and both alter the gut microbiota of healthy, young men.

The British journal of nutrition , Volume: 117 Issue: 9 2017 May

Authors Burton KJ,Rosikiewicz M,Pimentel G,Bütkofer U,von Ah U,Voirol MJ,Croxatto A,Aeby S,Drai J,McTernan PG,Greub G,Pralong FP,Vergères G,Vionnet N

Association between Yogurt Consumption and Intestinal Microbiota in Healthy Young Adults Differs by Host Gender.

Frontiers in microbiology , Volume: 8 2017

Authors Suzuki Y,Ikeda K,Sakuma K,Kawai S,Sawaki K,Asahara T,Takahashi T,Tsuji H,Nomoto K,Nagpal R,Wang C,Nagata S,Yamashiro Y

Influence of chronic azithromycin treatment on the composition of the oropharyngeal microbial community in patients with severe asthma.

BMC microbiology , Volume: 17 Issue: 1 2017 May 10

Authors Lopes Dos Santos Santiago G,Brusselle G,Dauwe K,Deschaght P,Verhofstede C,Vaneechoutte D,Deschepper E,Jordens P,Joos G,Vaneechoutte M

Effects of different oligosaccharides at various dosages on the composition of gut microbiota and short-chain fatty acids in mice with constipation.

Food & function , Volume: 8 Issue: 5 2017 May 24

Authors Wang L,Hu L,Yan S,Jiang T,Fang S,Wang G,Zhao J,Zhang H,Chen W

Effect of dietary supplementation with Lactobacillus acidophilus D2/CSL (CECT 4529) on caecum microbiota and productive performance in broiler chickens.

PLoS one , Volume: 12 Issue: 5 2017

Authors De Cesare A,Sirri F,Manfreda G,Monaci P,Giardini A,Zampiga M,Meluzzi A

Effect of a probiotic beverage consumption (Enterococcus faecium CRL 183 and Bifidobacterium longum ATCC 15707) in rats with chemically induced colitis.

PLoS one , Volume: 12 Issue: 4 2017

Authors Celiberto LS,Bedani R,Dejani NN,Ivo de Medeiros A,Sampaio Zuanon JA,Spolidorio LC,Tallarico Adorno MA,Amâncio Varesche MB,Carrilho Galvão F,Valentini SR,Font de Valdez G,Rossi EA,Cavallini DCU

Inulin with different degrees of polymerization modulates composition of intestinal microbiota in mice.

FEMS microbiology letters , Volume: 364 Issue: 10 2017 May 1

Authors Zhu L,Qin S,Zhai S,Gao Y,Li L

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

Carbohydrate Staple Food Modulates Gut Microbiota of Mongolians in China.

Frontiers in microbiology , Volume: 8 2017

Authors Li J,Hou Q,Zhang J,Xu H,Sun Z,Menghe B,Zhang H

Potential use of targeted enzymatic agents in the treatment of Staphylococcus aureus biofilm-related infections.

The Journal of hospital infection , Volume: 96 Issue: 2 2017 Jun

Authors Hogan S,Zapotoczna M,Stevens NT,Humphreys H,O'Gara JP,O'Neill E

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

Impact of humic acids on the colonic microbiome in healthy volunteers.

World journal of gastroenterology , Volume: 23 Issue: 5 2017 Feb 7

Authors Swidsinski A,Dörfel Y,Loening-Baucke V,Gille C,Reißhauer A,Göktas O,Krüger M,Neuhaus J,Schrödl W

Specific inulin-type fructan fibers protect against autoimmune diabetes by modulating gut immunity, barrier function, and microbiota homeostasis.

Molecular nutrition & food research , Volume: 61 Issue: 8 2017 Aug

Authors Chen K,Chen H,Faas MM,de Haan BJ,Li J,Xiao P,Zhang H,Diana J,de Vos P,Sun J

Prebiotic inulin-type fructans induce specific changes in the human gut microbiota.

Gut , Volume: 66 Issue: 11 2017 Nov

Authors Vandepitte D,Falony G,Vieira-Silva S,Wang J,Sailer M,Theis S,Verbeke K,Raes J

Of the milk sugars, galactose, but not prebiotic galacto-oligosaccharide, improves insulin sensitivity in male Sprague-Dawley rats.

PLoS one , Volume: 12 Issue: 2 2017

Authors Stahel P,Kim JJ,Xiao C,Cant JP

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

Kodo millet whole grain and bran supplementation prevents high-fat diet induced derangements in a lipid profile.

inflammatory status and gut bacteria in mice.

Food & function , Volume: 8 Issue: 3 2017 Mar 22

Authors Sarma SM,Khare P,Jagtap S,Singh DP,Baboota RK,Podili K,Boparai RK,Kaur J,Bhutani KK,Bishnoi M,Kondepudi KK

Substituting whole grains for refined grains in a 6-wk randomized trial has a modest effect on gut microbiota and immune and inflammatory markers of healthy adults.

The American journal of clinical nutrition , Volume: 105 Issue: 3 2017 Mar

Authors Vanegas SM,Meydani M,Barnett JB,Goldin B,Kane A,Rasmussen H,Brown C,Vangay P,Knights D,Jonnalagadda

S,Koecher K,Karl JP,Thomas M,Dolnikowski G,Li L,Saltzman E,Wu D,Meydani SN

Characterization of faecal microbial communities of dairy cows fed diets containing ensiled *Moringa oleifera* fodder.

Scientific reports , Volume: 7 2017 Jan 30

Authors Sun J,Zeng B,Chen Z,Yan S,Huang W,Sun B,He Q,Chen X,Chen T,Jiang Q,Xi Q,Zhang Y

Bovine milk oligosaccharides decrease gut permeability and improve inflammation and microbial dysbiosis in diet-induced obese mice.

Journal of dairy science , Volume: 100 Issue: 4 2017 Apr

Authors Boudry G,Hamilton MK,Chichlowski M,Wickramasinghe S,Barile D,Kalanetra KM,Mills DA,Raybould HE

Biological activities of *Rosmarinus officinalis* L. (rosemary) extract as analyzed in microorganisms and cells.

Experimental biology and medicine (Maywood, N.J.) , Volume: 242 Issue: 6 2017 Mar

Authors de Oliveira JR,de Jesus D,Figueira LW,de Oliveira FE,Pacheco Soares C,Camargo SE,Jorge AO,de Oliveira LD

Etiologies of community-onset urinary tract infections requiring hospitalization and antimicrobial susceptibilities of causative microorganisms.

Journal of microbiology, immunology, and infection = Wei mian yu gan ran za zhi , Volume: 50 Issue: 6 2017 Dec

Authors Chiu CC,Lin TC,Wu RX,Yang YS,Hsiao PJ,Lee Y,Lin JC,Chang FY

Impact of short-chain galactooligosaccharides on the gut microbiome of lactose-intolerant individuals.

Proceedings of the National Academy of Sciences of the United States of America , Volume: 114 Issue: 3 2017 Jan 17

Authors Azcarate-Peril MA,Ritter AJ,Savaiano D,Monteagudo-Mera A,Anderson C,Magness ST,Klaenhammer TR

Prospective randomized controlled study on the effects of *Saccharomyces boulardii* CNCM I-745 and amoxicillin-clavulanate or the combination on the gut microbiota of healthy volunteers.

Gut microbes , Volume: 8 Issue: 1 2017 Jan 2

Authors Kabbani TA,Pallav K,Dowd SE,Villafuerte-Galvez J,Vanga RR,Castillo NE,Hansen J,Dennis M,Leffler DA,Kelly CP

Early-Life Sugar Consumption Affects the Rat Microbiome Independently of Obesity.

The Journal of nutrition , Volume: 147 Issue: 1 2017 Jan

Authors Noble EE,Hsu TM,Jones RB,Fodor AA,Goran MI,Kanoski SE

Clinical characteristics and antimicrobial susceptibilities of anaerobic bacteremia in an acute care hospital.

Anaerobe , Volume: 43 2017 Feb

Authors Tan TY,Ng LS,Kwang LL,Rao S,Eng LC

Oligofructose as an adjunct in treatment of diabetes in NOD mice.

Scientific reports , Volume: 6 2016 Nov 22

Authors Chan C,Hyslop CM,Shrivastava V,Ochoa A,Reimer RA,Huang C

Hypocholesterolemic and Prebiotic Effects of a Whole-Grain Oat-Based Granola Breakfast Cereal in a Cardio-Metabolic "At Risk" Population.

Frontiers in microbiology , Volume: 7 2016

Authors Connolly ML,Tzounis X,Tuohy KM,Lovegrove JA

Lactate- and acetate-based cross-feeding interactions between selected strains of *lactobacilli*, *bifidobacteria* and colon bacteria in the presence of inulin-type fructans.

International journal of food microbiology , Volume: 241 2017 Jan 16

Authors Moens F,Verce M,De Vuyst L

Fucosyllactose and L-fucose utilization of infant *Bifidobacterium longum* and *Bifidobacterium kashiwanohense*.

BMC microbiology , Volume: 16 Issue: 1 2016 Oct 26

Authors Bunesova V,Lacroix C,Schwab C

Oral supplementation of healthy adults with 2'-O-fucosyllactose and lacto-N-neotetraose is well tolerated and shifts the intestinal microbiota.

The British journal of nutrition , Volume: 116 Issue: 8 2016 Oct

Authors Elison E,Vigsnaes LK,Rindom Krogsgaard L,Rasmussen J,Sørensen N,McConnell B,Hennet T,Sommer MO,Bytzer P

Assessment of the prebiotic effect of quinoa and amaranth in the human intestinal ecosystem.

Food & function , Volume: 7 Issue: 9 2016 Sep 14

Authors Gullón B,Gullón P,Tavaria FK,Yáñez R

Short- and long-term effects of oral vancomycin on the human intestinal microbiota.

The Journal of antimicrobial chemotherapy , Volume: 72 Issue: 1 2017 Jan

Authors Isaac S,Scher JU,Djukovic A,Jiménez N,Littman DR,Abramson SB,Pamer EG,Ubeda C

Dairy and plant based food intakes are associated with altered faecal microbiota in 2 to 3 year old Australian children.

Scientific reports , Volume: 6 2016 Oct 3

Authors Smith-Brown P,Morrison M,Krause L,Davies PS

Effect of Chicory-derived Inulin on Abdominal Sensations and Bowel Motor Function.

Journal of clinical gastroenterology , Volume: 51 Issue: 7 2017 Aug

Authors Azpiroz F,Molne L,Mendez S,Nieto A,Manichanh C,Mego M,Accarino A,Santos J,Sailer M,Theis S,Guarner F

Efficacy and role of inulin in mitigation of enteric sulfur-containing odor in pigs.

Journal of the science of food and agriculture , Volume: 97 Issue: 8 2017 Jun

Authors Deng YF,Liu YY,Zhang YT,Wang Y,Liang JB,Tufarelli V,Laudadio V,Liao XD

Benefits of Bifidobacterium animalis subsp. lactis Probiotic in Experimental Periodontitis.

Journal of periodontology , Volume: 88 Issue: 2 2017 Feb

Authors Oliveira LF,Salvador SL,Silva PH,Furlaneto FA,Figueiredo L,Casarim R,Ervolino E,Palioto DB,Souza SL,Taba M Jr,Novaes AB Jr,Messora MR

Draft Genome Sequence of Klebsiella pneumoniae Strain AS Isolated from Zhejiang Provincial Hospital of TCM, China.

Genome announcements , Volume: 4 Issue: 5 2016 Sep 22

Authors Yang XJ,Wang S,Cao JM,Hou JH

The Human Milk Oligosaccharide 2'-Fucosyllactose Quenches Campylobacter jejuni-Induced Inflammation in Human Epithelial Cells HEp-2 and HT-29 and in Mouse Intestinal Mucosa.

The Journal of nutrition , Volume: 146 Issue: 10 2016 Oct

Authors Yu ZT,Nanthakumar NN,Newburg DS

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,Saraçoglu 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,Franciosini MP,Mercati F,Casagrande-Proietti P,Dall'Aglio C,Acuti G,Tardella FM,Trabalza-Marinucci M

An ATP Binding Cassette Transporter Mediates the Uptake of a(1,6)-Linked Dietary Oligosaccharides in Bifidobacterium and Correlates with Competitive Growth on These Substrates.

The Journal of biological chemistry , Volume: 291 Issue: 38 2016 Sep 16

Authors Ejby M,Fredslund F,Andersen JM,Vujicic Žagar A,Henriksen JR,Andersen TL,Svensson B,Slotboom DJ,Abou Hachem M

Randomised, double-blind, placebo-controlled trial with azithromycin selects for anti-inflammatory microbial metabolites in the emphysematous lung.

Thorax , Volume: 72 Issue: 1 2017 Jan

Authors Segal LN,Clemente JC,Wu BG,Wikoff WR,Gao Z,Li Y,Ko JP,Rom WN,Blaser MJ,Weiden MD

The effect of volatile oil mixtures on the performance and ilio-caecal microflora of broiler chickens.

British poultry science , Volume: 57 Issue: 6 2016 Dec

Authors Cetin E,Yibar A,Yesilbag D,Cetin I,Cengiz SS

Dietary Casein and Soy Protein Isolate Modulate the Effects of Raffinose and Fructooligosaccharides on the Composition and Fermentation of Gut Microbiota in Rats.

Journal of food science , Volume: 81 Issue: 8 2016 Aug

Authors Bai G,Ni K,Tsuruta T,Nishino N

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

Obese ZDF rats fermented resistant starch with effects on gut microbiota but no reduction in abdominal fat.

Molecular nutrition & food research , Volume: 61 Issue: 1 2017 Jan

Authors Goldsmith F,Guice J,Page R,Welsh DA,Taylor CM,Blanchard EE,Luo M,Raggio AM,Stout RW,Carvajal-Aldaz D,Gaither A,Pelkman C,Ye J,Martin RJ,Geaghan J,Durham HA,Coulon D,Keenan MJ

Prevalence and Antimicrobial Resistance Patterns of Diarrheagenic Escherichia coli in Shanghai, China.

The Pediatric infectious disease journal , Volume: 35 Issue: 8 2016 Aug

Authors Huang Z,Pan H,Zhang P,Cao X,Ju W,Wang C,Zhang J,Meng J,Yuan Z,Xu X

Effects of two different probiotics on microflora, morphology, and morphometry of gut in organic laying hens.

Poultry science , Volume: 95 Issue: 11 2016 Nov 1

Authors Forte C,Acuti G,Manuali E,Casagrande Proietti P,Pavone S,Trabalza-Marinucci M,Moscati L,Onofri A,Lorenzetti C,Franciosini MP

Raffinose, a plant galactoside, inhibits *Pseudomonas aeruginosa* biofilm formation via binding to LecA and decreasing cellular cyclic diguanylate levels.

Scientific reports , Volume: 6 2016 May 4

Authors Kim HS,Cha E,Kim Y,Jeon YH,Olson BH,Byun Y,Park HD

Survey of the Antibiofilm and Antimicrobial Effects of *Zingiber officinale* (in Vitro Study).

Jundishapur journal of microbiology , Volume: 9 Issue: 2 2016 Feb

Authors Aghazadeh M,Zahedi Bialvaei A,Aghazadeh M,Kabiri F,Saliani N,Yousefi M,Eslami H,Samadi Kafil H

Dietary supplementation of *Rosmarinus officinalis* L leaves in sheep affects the abundance of rumen methanogens and other microbial populations.

Journal of animal science and biotechnology , Volume: 7 2016

Authors Cobellis G,Yu Z,Forte C,Acuti G,Trabalza-Marinucci M

Inflammasome signalling affects anxiety- and depressive-like behavior and gut microbiome composition.

Molecular psychiatry , Volume: 21 Issue: 6 2016 Jun

Authors Wong ML,Inserra A,Lewis MD,Mastronardi CA,Leong L,Choo J,Kentish S,Xie P,Morrison M,Wesselingh SL,Rogers GB,Licinio J

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

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

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

Nondigestible Fructans Alter Gastrointestinal Barrier Function, Gene Expression, Histomorphology, and the Microbiota Profiles of Diet-Induced Obese C57BL/6J Mice.

The Journal of nutrition , Volume: 146 Issue: 5 2016 May

Authors Liu TW,Cephas KD,Holscher HD,Kerr KR,Mangian HF,Tappenden KA,Swanson KS

The intestinal microbiota of piglets fed with wheat bran variants as characterised by 16S rRNA next-generation amplicon sequencing.

Archives of animal nutrition , Volume: 70 Issue: 3 2016

Authors Kräler M,Ghanbari M,Domig KJ,Schedle K,Kneifel W

Prebiotics and Bioactive Milk Fractions Affect Gut Development, Microbiota, and Neurotransmitter Expression in Piglets.

Journal of pediatric gastroenterology and nutrition , Volume: 63 Issue: 6 2016 Dec

Authors Berding K,Wang M,Monaco MH,Alexander LS,Mudd AT,Chichlowski M,Waworuntu RV,Berg BM,Miller MJ,Dilger RN,Donovan SM

Potential of neem (*Azadirachta indica* L.) for prevention and treatment of oncologic diseases.

Seminars in cancer biology , Volume: 40-41 2016 Oct

Authors Patel SM,Nagulapalli Venkata KC,Bhattacharyya P,Sethi G,Bishayee A

Antimicrobial activities of six essential oils commonly used as condiments in Brazil against *Clostridium perfringens*.

Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology] , Volume: 47 Issue: 2 2016 Apr-Jun

Authors Radaelli M,da Silva BP,Weidlich L,Hoehne L,Flach A,da Costa LA,Ethur EM

Rapid, Bioassay-Guided Process for the Detection and Identification of Antibacterial Neem Oil Compounds.

Journal of chromatographic science , Volume: 54 Issue: 7 2016 Aug

Authors Krüzselyi D,Nagy R,Ott PG,Móricz ÁM

Effect of Wheat Dietary Fiber Particle Size during Digestion In Vitro on Bile Acid, Faecal Bacteria and Short-Chain Fatty Acid Content.

Plant foods for human nutrition (Dordrecht, Netherlands) , Volume: 71 Issue: 2 2016 Jun

Authors Dziedzic K,Szwengiel A,Górecka D,Gujska E,Kaczkowska J,Drozdzynska A,Walkowiak J

A comparison of the gut microbiome between long-term users and non-users of proton pump inhibitors.

Alimentary pharmacology & therapeutics , Volume: 43 Issue: 9 2016 May

Authors Clooney AG,Bernstein CN,Leslie WD,Vagianos K,Sargent M,Laserna-Mendieta EJ,Claesson MJ,Targownik LE

High Molecular Weight Barley β-Glucan Alters Gut Microbiota Toward Reduced Cardiovascular Disease Risk.

Frontiers in microbiology , Volume: 7 2016

Authors Wang Y,Ames NP,Tun HM,Tosh SM,Jones PJ,Khafipour E

Purification and characteristics of a novel bacteriocin produced by *Enterococcus faecalis* L11 isolated from Chinese traditional fermented cucumber.

Biotechnology letters , Volume: 38 Issue: 5 2016 May

Authors Gao Y,Li B,Li D,Zhang L

High purity galacto-oligosaccharides enhance specific *Bifidobacterium* species and their metabolic activity in the mouse gut microbiome.

Beneficial microbes , Volume: 7 Issue: 2 2016

Authors Monteagudo-Mera A,Arthur JC,Jobin C,Keku T,Bruno-Barcena JM,Azcarate-Peril MA

Co-encapsulation of multi-lipids and polymers enhances the performance of vancomycin in lipid-polymer hybrid nanoparticles: In vitro and in silico studies.

Materials science & engineering. C, Materials for biological applications , Volume: 61 2016 Apr 1

Authors Seedat N,Kalhapure RS,Mocktar C,Vepuri S,Jadhav M,Soliman M,Govender T

The Effects of Inulin on Characteristics of *Lactobacillus paracasei* TD3 (IBRC-M 10784) as Probiotic Bacteria in vitro.

Archives of Iranian medicine , Volume: 19 Issue: 2 2016 Feb

Authors Mahboubi M,Kazempour N

Extrusion of barley and oat influence the fecal microbiota and SCFA profile of growing pigs.

Food & function , Volume: 7 Issue: 2 2016 Feb

Authors Moen B,Berget I,Rud I,Hole AS,Kjos NP,Sahlstrøm S

Disparate Metabolic Responses in Mice Fed a High-Fat Diet Supplemented with Maize-Derived Non-Digestible Feruloylated Oligo- and Polysaccharides Are Linked to Changes in the Gut Microbiota.

PLoS one , Volume: 11 Issue: 1 2016

Authors Yang J,Bindels LB,Segura Munoz RR,Martínez I,Walter J,Ramer-Tait AE,Rose DJ

Minocycline as A Substitute for Doxycycline in Targeted Scenarios: A Systematic Review.

Open forum infectious diseases , Volume: 2 Issue: 4 2015 Dec

Authors Carris NW,Pardo J,Montero J,Shaeer KM

The Effect of *Lactobacillus casei* 32G on the Mouse Cecum Microbiota and Innate Immune Response Is Dose and Time Dependent.

PLoS one , Volume: 10 Issue: 12 2015

Authors Aktas B,De Wolfe TJ,Tandee K,Safdar N,Darien BJ,Steele JL

Dietary Isomers of Sialyllectose Increase Ganglioside Sialic Acid Concentrations in the Corpus Callosum and Cerebellum and Modulate the Colonic Microbiota of Formula-Fed Piglets.

The Journal of nutrition , Volume: 146 Issue: 2 2016 Feb

Authors Jacobi SK,Yatsunenko T,Li D,Dasgupta S,Yu RK,Berg BM,Chichlowski M,Odle J

Fecal microbiome of growing pigs fed a cereal based diet including chicory (*Cichorium intybus* L.) or ribwort (*Plantago lanceolata* L.) forage.

Journal of animal science and biotechnology , Volume: 6 2015

Authors Dicksved J,Jansson JK,Lindberg JE

Evidence for synergistic activity of plant-derived essential oils against fungal pathogens of food.

Food microbiology , Volume: 53 Issue: Pt B 2016 Feb

Authors Hossain F,Follett P,Dang Vu K,Harich M,Salmieri S,Lacroix M

CHEMICAL COMPOSITION AND ANTIBACTERIAL ACTIVITY OF SOME MEDICINAL PLANTS FROM LAMIACEAE FAMILY.

Acta poloniae pharmaceutica , Volume: 72 Issue: 4 2015 Jul-Aug

Authors Kozlowska M,Laudy AE,Przybyl J,Ziarno 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

Role of colonic microbiota in colorectal carcinogenesis: a systematic review.

Revista espanola de enfermedades digestivas , Volume: 107 Issue: 11 2015 Nov

Authors Borges-Canha M,Portela-Cidade JP,Dinis-Ribeiro M,Leite-Moreira AF,Pimentel-Nunes P

Membrane filter method to study the effects of *Lactobacillus acidophilus* and *Bifidobacterium longum* on fecal microbiota.

Microbiology and immunology , Volume: 59 Issue: 11 2015 Nov

Authors Shimizu H,Benno Y

[Effect of probiotic product containing bifidobacteria and biogel from brown algae on the intestinal microflora and parameters of innate immunity in mice with experimental drug dysbacteriosis].

Voprosy pitaniia , Volume: 84 Issue: 1 2015

Authors Kuznetsova TA,Makarenkova ID,Koneva EL,Aminina NM,Yakush EV

Microbial populations and fermentation profiles in rumen liquid and solids of Holstein cows respond differently to dietary barley processing.

Journal of applied microbiology , Volume: 119 Issue: 6 2015 Dec

Authors Metzler-Zebeli BU,Khol-Parisini A,Gruber L,Zebeli Q

Effect of Whole-Grain Barley on the Human Fecal Microbiota and Metabolome.

Applied and environmental microbiology , Volume: 81 Issue: 22 2015 Nov

Authors De Angelis M,Montemurno E,Vannini L,Cosola C,Cavallo N,Gozzi G,Maranzano V,Di Cagno R,Gobbetti M,Gesualdo L

High Amylose Starch with Low In Vitro Digestibility Stimulates Hindgut Fermentation and Has a Bifidogenic Effect in Weaned Pigs.

The Journal of nutrition , Volume: 145 Issue: 11 2015 Nov

Authors Fouhse JM,Gänzle MG,Regmi PR,van Kempen TA,Zijlstra RT

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

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

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

Influence of diet and spiramycin on <i>Actinomyces viscosus</i>-associated experimental periodontitis.

Newsletter (International Academy of Periodontology) , Volume: 2 Issue: 1 1992 Mar

Authors Keyes PH,Rams TE,Jordan HV

Azithromycin Synergizes with Cationic Antimicrobial Peptides to Exert Bactericidal and Therapeutic Activity Against Highly Multidrug-Resistant Gram-Negative Bacterial Pathogens.

EBioMedicine , Volume: 2 Issue: 7 2015 Jul

Authors Lin L,Nonejuie P,Munguia J,Hollands A,Olson J,Dam Q,Kumaraswamy M,Rivera H Jr,Corriden R,Rohde M,Hensler ME,Burkart MD,Pogliano J,Sakoulas G,Nizet V

Isoeugenol has a non-disruptive detergent-like mechanism of action.

Frontiers in microbiology , Volume: 6 2015

Authors Hylgaard M,Mygind T,Piotrowska R,Foss M,Meyer RL

Characterization of the Intestinal Lactobacilli Community following Galactooligosaccharides and Polydextrose Supplementation in the Neonatal Piglet.

PLoS one , Volume: 10 Issue: 8 2015

Authors Hoeflinger JL,Kashtanov DO,Cox SB,Dowd SE,Jouni ZE,Donovan SM,Miller MJ

Effect of starch source (corn, oats or wheat) and concentration on fermentation by equine faecal microbiota in vitro.

Journal of applied microbiology , Volume: 119 Issue: 5 2015 Nov

Authors Harlow BE,Donley TM,Lawrence LM,Flythe MD

In vitro and in vivo examination of anticolonization of pathogens by Lactobacillus paracasei FJ861111.1.

Journal of dairy science , Volume: 98 Issue: 10 2015 Oct

Authors Deng K,Chen T,Wu Q,Xin H,Wei Q,Hu P,Wang X,Wang X,Wei H,Shah NP

Sex differences in gut fermentation and immune parameters in rats fed an oligofructose-supplemented diet.

Biology of sex differences , Volume: 6 2015

Authors Shastri P,McCarville J,Kalmokoff M,Brooks SP,Green-Johnson JM

Effect of daily intake of pomegranate juice on fecal microbiota and feces metabolites from healthy volunteers.

Molecular nutrition & food research , Volume: 59 Issue: 10 2015 Oct

Authors Mosele JJ,Gosalbes MJ,Macià A,Rubió L,Vázquez-Castellanos JF,Jiménez Hernández N,Moya A,Latorre A,Motilva MJ

Agave Inulin Supplementation Affects the Fecal Microbiota of Healthy Adults Participating in a Randomized, Double-Blind, Placebo-Controlled, Crossover Trial.

The Journal of nutrition , Volume: 145 Issue: 9 2015 Sep

Authors Holscher HD,Bauer LL,Gourineni V,Pelkman CL,Fahey GC Jr,Swanson KS

Gelucire-Based Nanoparticles for Curcumin Targeting to Oral Mucosa: Preparation, Characterization, and Antimicrobial Activity Assessment.

Journal of pharmaceutical sciences , Volume: 104 Issue: 11 2015 Nov

Authors Hazzah HA,Farid RM,Nasra MMA,Hazzah WA,El-Massik MA,Abdallah OY

Pomegranate extract induces ellagitannin metabolite formation and changes stool microbiota in healthy volunteers.

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

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

Modulation of gut microbiota in rats fed high-fat diets by processing whole-grain barley to barley malt.

Molecular nutrition & food research , Volume: 59 Issue: 10 2015 Oct

Authors Zhong Y,Nyman M,Fåk F

Wheat and barley differently affect porcine intestinal microbiota.

Journal of the science of food and agriculture , Volume: 96 Issue: 6 2016 Apr

Authors Weiss E,Aumiller T,Spindler HK,Rosenfelder P,Eklund M,Witzig M,Jørgensen H,Bach Knudsen KE,Mosenthin R

Antibacterial activity of herbal extracts against multi-drug resistant Escherichia coli recovered from retail chicken meat.

Pakistan journal of pharmaceutical sciences , Volume: 28 Issue: 4 2015 Jul

Authors Shaheen AY,Sheikh AA,Rabbani M,Aslam A,Bibi T,Liaqat F,Muhammad J,Rehmani SF

In situ identification and quantification of starch-hydrolyzing bacteria attached to barley and corn grain in the rumen of cows fed barley-based diets.

FEMS microbiology ecology , Volume: 91 Issue: 8 2015 Aug

Authors Xia Y,Kong Y,Seviour R,Yang HE,Forster R,Vasanthan T,McAllister T

In Vitro Effects of Dietary Inulin on Human Fecal Microbiota and Butyrate Production.

Journal of microbiology and biotechnology , Volume: 25 Issue: 9 2015 Sep

Authors Jung TH,Jeon WM,Han KS

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

Pomegranate ellagitannins stimulate growth of gut bacteria in vitro: Implications for prebiotic and metabolic effects.

Anaerobe , Volume: 34 2015 Aug

Authors Li Z,Summanen PH,Komoriya T,Henning SM,Lee RP,Carlson E,Heber D,Finegold SM

Antimicrobial activity and antibiotic susceptibility of <i>Lactobacillus</i> and <i>Bifidobacterium</i> spp. intended for use as starter and probiotic cultures.

Biotechnology, biotechnological equipment , Volume: 29 Issue: 1 2015 Jan 2

Authors Georgieva R,Yocheva L,Tserovska L,Zhelezova G,Stefanova N,Atanasova A,Danguleva A,Ivanova G,Karapetkov

N,Rumyan N,Karaivanova E

Different Dynamic Patterns of β-Lactams, Quinolones, Glycopeptides and Macrolides on Mouse Gut Microbial Diversity.

PLoS one , Volume: 10 Issue: 5 2015

Authors Yin J,MP,Wang S,Liao SX,Peng X,He Y,Chen YR,Shen HF,Su J,Chen Y,Jiang YX,Zhang GX,Zhou HW

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

Antimicrobial agents from selected medicinal plants in Libya.

Chinese journal of integrative medicine , Volume: 22 Issue: 3 2016 Mar

Authors Muhaissen HM,Ab-Mous MM,Ddeeb FA,Rtemi AA,Taba OM,Parveen M

Effects of Probiotics on Gut Microbiota in Patients with Inflammatory Bowel Disease: A Double-blind, Placebo-controlled Clinical Trial.

The Korean journal of gastroenterology = Taehan Sohwagi Hakhoe chi , Volume: 65 Issue: 4 2015 Apr

Authors Shadnoush M,Hosseini RS,Khalilnezhad A,Navai L,Goudarzi H,Vaezjalali M

Antifungal and antibacterial metabolites from a French poplar type propolis.

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

Authors Boisard S,Le Ray AM,Landreau A,Kempf M,Cassisa V,Flurin C,Richomme P

GUT MICROBIOTA DYSBIOSIS IS LINKED TO HYPERTENSION

Hypertension , Volume: 65 Issue: 6 2015 Apr 13

Authors Yang T,Santisteban MM,Rodríguez V,Li E,Ahmari N,Carvajal JM,Zadeh M,Gong M,Qi Y,Zubcevic J,Sahay B,Pepine CJ,Raizada MK,Mohamadzadeh M

Effects of two whole-grain barley varieties on caecal SCFA, gut microbiota and plasma inflammatory markers in rats consuming low- and high-fat diets.

The British journal of nutrition , Volume: 113 Issue: 10 2015 May 28

Authors Zhong Y,Marungruang N,Fåk F,Nyman M

Effects of sub-lethal concentrations of thyme and oregano essential oils, carvacrol, thymol, citral and trans-2-hexenal on membrane fatty acid composition and volatile molecule profile of Listeria monocytogenes, Escherichia coli and Salmonella enteritidis.

Food chemistry , Volume: 182 2015 Sep 1

Authors Siroli L,Patrignani F,Gardini F,Lanciotti R

Empirical prediction and validation of antibacterial inhibitory effects of various plant essential oils on common pathogenic bacteria.

International journal of food microbiology , Volume: 202 2015 Jun 2

Authors Akdemir Evrendilek G

Effect of specific amino acids on hepatic lipid metabolism in fructose-induced non-alcoholic fatty liver disease.

Clinical nutrition (Edinburgh, Scotland) , Volume: 35 Issue: 1 2016 Feb

Authors Jegatheesan P,Beutheu S,Ventura G,Sarfati G,Nubret E,Kapel N,Waligora-Dupriet AJ,Bergheim I,Cynober L,De-Bandt JP
6-Gingerol reduces *Pseudomonas aeruginosa* biofilm formation and virulence via quorum sensing inhibition.

Scientific reports , Volume: 5 2015 Mar 2

Authors Kim HS,Lee SH,Byun Y,Park HD

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

Inhibition of adhesion of intestinal pathogens (*Escherichia coli*, *Vibrio cholerae*, *Campylobacter jejuni*, and *Salmonella Typhimurium*) by common oligosaccharides.

Foodborne pathogens and disease , Volume: 12 Issue: 4 2015 Apr

Authors Wang S,Wang J,Mou H,Luo B,Jiang X

Pilot dietary intervention with heat-stabilized rice bran modulates stool microbiota and metabolites in healthy adults.

Nutrients , Volume: 7 Issue: 2 2015 Feb 16

Authors Sheflin AM,Borresen EC,Wdowik MJ,Rao S,Brown RJ,Heuberger AL,Broeckling CD,Weir TL,Ryan EP

In vitro fermentation of fructooligosaccharides with human gut bacteria.

Food & function , Volume: 6 Issue: 3 2015 Mar

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

Fecal microbiota composition of breast-fed infants is correlated with human milk oligosaccharides consumed.

Journal of pediatric gastroenterology and nutrition , Volume: 60 Issue: 6 2015 Jun

Authors Wang M,Li M,Wu S,Lebrilla CB,Chapkin RS,Ivanov I,Donovan SM

Whole-grain wheat consumption reduces inflammation in a randomized controlled trial on overweight and obese subjects with unhealthy dietary and lifestyle behaviors: role of polyphenols bound to cereal dietary fiber.

The American journal of clinical nutrition , Volume: 101 Issue: 2 2015 Feb

Authors Vitaglione P,Mennella I,Ferracane R,Rivellese AA,Giacco R,Ercolini D,Gibbons SM,La Storia A,Gilbert JA,Jonnalagadda S,Thielecke F,Gallo MA,Scalfi L,Fogliano V

Whole grain oats improve insulin sensitivity and plasma cholesterol profile and modify gut microbiota composition in C57BL/6J mice.

The Journal of nutrition , Volume: 145 Issue: 2 2015 Feb

Authors Zhou AL,Hergert N,Rompato G,Lefevre M

Phenotypic and Molecular Characterization of Extended-Spectrum β -Lactamase Produced by *Escherichia coli*, and *Klebsiella pneumoniae* Isolates in an Educational Hospital.

Jundishapur journal of microbiology , Volume: 7 Issue: 10 2014 Oct

Authors Gholipour A,Soleimani N,Shokri D,Mobasherizadeh S,Kardi M,Baradaran A

Antimicrobial and antioxidant activities and chemical characterization of essential oils of *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

Bioanalytical evaluation of *Cinnamomum zeylanicum* essential oil.

Natural product research , Volume: 29 Issue: 19 2015

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

In situ prebiotics for weaning piglets: in vitro production and fermentation of potato galacto-rhamnogalacturonan.

Applied and environmental microbiology , Volume: 81 Issue: 5 2015 Mar

Authors Strube ML,Ravn HC,Ingerslev HC,Meyer AS,Boye M

[Risk factors and antibiotic use in methicillin-resistant *Staphylococcus aureus* bacteremia in hospitalized patients at Hacettepe University Adult and Oncology Hospitals (2004-2011) and antimicrobial susceptibilities of the isolates: a nested case-control study].

Mikrobiyoloji bulteni , Volume: 48 Issue: 4 2014 Oct

Authors Atmaca O,Zarakolu P,Karahan C,Cakir B,Unal S

In-vitro screening of Malaysian honey from different floral sources for antibacterial activity on human pathogenic bacteria.

African journal of traditional, complementary, and alternative medicines : AJTCAM , Volume: 11 Issue: 2 2014

Authors Ng WJ,Ken KW,Kumar RV,Gunasagaran H,Chandramogan V,Lee YY

Manuka honey reduces the motility of *Pseudomonas aeruginosa* by suppression of flagella-associated genes.

The Journal of antimicrobial chemotherapy , Volume: 70 Issue: 3 2015 Mar

Authors Roberts AE,Maddock SE,Cooper RA

Arabinoxylan in wheat is more responsible than cellulose for promoting intestinal barrier function in weaned male piglets.

The Journal of nutrition , Volume: 145 Issue: 1 2015 Jan

Authors Chen H,Wang W,Degroote J,Possemiers S,Chen D,De Smet S,Michiels J

[The antibacterial activity of cinnamon oil on the selected gram-positive and gram-negative bacteria].

Medycyna doswiadczałna i mikrobiologia , Volume: 66 Issue: 2 2014

Authors Urbaniak A,Glowacka A,Kowalczyk E,Lysakowska M,Sienkiewicz M

Chemically defined diet alters the protective properties of fructo-oligosaccharides and isomalto-oligosaccharides in HLA-B27 transgenic rats.

PLoS one , Volume: 9 Issue: 11 2014

Authors Koleva P,Ketabi A,Valcheva R,Gänzle MG,Dieleman LA

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

Modulation of fecal Clostridiales bacteria and butyrate by probiotic intervention with *Lactobacillus paracasei* DG varies among healthy adults.

The Journal of nutrition , Volume: 144 Issue: 11 2014 Nov

Authors Ferrario C,Taverniti V,Milani C,Fiore W,Laureati M,De Noni I,Stuknyte M,Chouaia B,Riso P,Guglielmetti S

Prebiotic effect of an infant formula supplemented with galacto-oligosaccharides: randomized multicenter trial.

Journal of the American College of Nutrition , Volume: 33 Issue: 5 2014

Authors Giovannini M,Verduci E,Gregori D,Ballali S,Soldi S,Ghisleni D,Riva E,PLAGOS Trial Study Group.

Assessment of tolerance induction by *Origanum vulgare* L. essential oil or carvacrol in *Pseudomonas aeruginosa* cultivated in a meat-based broth and in a meat model.

Food science and technology international = Ciencia y tecnología de los alimentos internacional , Volume: 21

Issue: 8 2015 Dec

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

[Chicory extract's influence on gut bacteria of abdominal obesity rat].

Zhongguo Zhong yao za zhi = Zhongguo zhongyao zazhi = China journal of Chinese materia medica , Volume: 39

Issue: 11 2014 Jun

Authors Sun BY,Zhang B,Lin ZJ,Li LY,Wang HP,Zhou J

Natural control of bacteria affecting meat quality by a neem (*Azadirachta indica* A. Juss) cake extract.

Natural product research , Volume: 29 Issue: 10 2015

Authors Del Serrone P,Failla S,Nicoletti M

Total Phenolic Content and Antibacterial Activity of Five Plants of Labiateae 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

Synbiotic *Lactobacillus acidophilus* NCFM and cellobiose does not affect human gut bacterial diversity but increases abundance of lactobacilli, bifidobacteria and branched-chain fatty acids: a randomized, double-blinded cross-over trial.

FEMS microbiology ecology , Volume: 90 Issue: 1 2014 Oct

Authors van Zanten GC,Krych L,Rötyö H,Forssten S,Lahtinen SJ,Abu Al-Soud W,Sørensen S,Svensson B,Jespersen L,Jakobsen M

Effect of traditional leafy vegetables on the growth of lactobacilli and bifidobacteria.

International journal of food sciences and nutrition , Volume: 65 Issue: 8 2014 Dec

Authors Kassim MA,Bajinath H,Odhav B

Longitudinal shifts in bacterial diversity and fermentation pattern in the rumen of steers grazing wheat pasture.

Anaerobe , Volume: 30 2014 Dec

Authors Pitta DW,Pinchak WE,Dowd S,Dorton K,Yoon I,Min BR,Fulford JD,Wickersham TA,Malinowski DP

Screening of antibacterial effects of anise essential oil alone and in combination with conventional antibiotics against *Streptococcus pneumoniae* clinical isolates.

Revista medico-chirurgicala a Societății de Medici și Naturaliști din Iași , Volume: 118 Issue: 2 2014 Apr-Jun

Authors Grădinaru AC,Miron A,Trifan A,Spac A,Brebu M,Aprotosoaie AC

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

Cereal byproducts have prebiotic potential in mice fed a high-fat diet.

Journal of agricultural and food chemistry , Volume: 62 Issue: 32 2014 Aug 13

Authors Berger K,Falck P,Linninge C,Nilsson U,Axling U,Grey C,Stålbrand H,Nordberg Karlsson E,Nyman M,Holm C,Adlercreutz P

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

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

Bacteriologic profile and antibiogram of blood culture isolates from a children's hospital in Kabul.

Journal of the College of Physicians and Surgeons-Pakistan : JCPSP , Volume: 24 Issue: 6 2014 Jun

Authors Tariq TM

Effects of natural honey on polymicrobial culture of various human pathogens.

Archives of medical science : AMS , Volume: 10 Issue: 2 2014 May 12

Authors Al-Waili NS,Al-Waili FS,Akmal M,Ali A,Salom KY,Al Ghamdi AA

Second meal effect on appetite and fermentation of wholegrain rye foods.

Appetite , Volume: 80 2014 Sep

Authors Ibrügger S,Vigsnæs LK,Blennow A,Blooming E,Raben A,Lauritzen L,Kristensen M

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,Gabranji R

Synergetic antimicrobial effects of mixtures of ethiopian honeys and ginger powder extracts on standard and resistant clinical bacteria isolates.

Evidence-based complementary and alternative medicine : eCAM , Volume: 2014 2014

Authors Ewnetu Y,Lemma W,Birhane N

A rosemary extract rich in carnosic acid selectively modulates caecum microbiota and inhibits β-glucosidase activity, altering fiber and short chain fatty acids fecal excretion in lean and obese female rats.

PLoS one , Volume: 9 Issue: 4 2014

Authors Romo-Vaquero M,Selma MV,Larrosa M,Obiol M,García-Villalba R,González-Barrio R,Issaly N,Flanagan J,Roller M,Tomás-Barberán FA,García-Conesa MT

Anti-staphylococcal activity of C-methyl flavanones from propolis of Australian stingless bees (*Tetragonula carbonaria*) and fruit resins of *Corymbia torelliana* (Myrtaceae).

Fitoterapia , Volume: 95 2014 Jun

Authors Massaro CF,Katouli M,Grkovic T,Vu H,Quinn RJ,Heard TA,Carvalho C,Manley-Harris M,Wallace HM,Brooks P
454 pyrosequencing reveals changes in the faecal microbiota of adults consuming *Lactobacillus casei* Zhang.

FEMS microbiology ecology , Volume: 88 Issue: 3 2014 Jun

Authors Zhang J,Wang L,Guo Z,Sun Z,Gesudu Q,Kwok L,Menghebilige,Zhang H

In Vitro Antibacterial Mechanism of Action of Crude Garlic (*Allium sativum*) Clove Extract on Selected Probiotic *Bifidobacterium* Species as Revealed by SEM, TEM, and SDS-PAGE Analysis.

Probiotics and antimicrobial proteins , Volume: 6 Issue: 2 2014 Jun

Authors Booyens J,Labuschagne MC,Thantsha MS

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

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

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

Changes chemopreventive markers in colorectal cancer development after inulin supplementation.

Bratislavské lekarske listy , Volume: 115 Issue: 2 2014

Authors Hijova E,Szabadosova V,Strojny L,Bomba A

RNA-stable-isotope probing shows utilization of carbon from inulin by specific bacterial populations in the rat large bowel.

Applied and environmental microbiology , Volume: 80 Issue: 7 2014 Apr

Authors Tannock GW,Lawley B,Munro K,Sims IM,Lee J,Butts CA,Roy N

Multi-drug resistant gram-negative enteric bacteria isolated from flies at Chengdu Airport, China.

The Southeast Asian journal of tropical medicine and public health , Volume: 44 Issue: 6 2013 Nov

Authors Liu Y,Yang Y,Zhao F,Fan X,Zhong W,Qiao D,Cao Y

A quantitative assessment of the antimicrobial activity of garlic (*Allium sativum*).

World journal of microbiology & biotechnology , Volume: 9 Issue: 3 1993 May

Authors Rees LP,Minney SF,Plummer NT,Slater JH,Skyrme DA

Lactobacillus paracasei subsp. paracasei LC01 positively modulates intestinal microflora in healthy young adults.

Journal of microbiology (Seoul, Korea) , Volume: 51 Issue: 6 2013 Dec

Authors Zhang H,Sun J,Liu X,Hong C,Zhu Y,Liu A,Li S,Guo H,Ren F

Dietary supplementation with lactose or artificial sweetener enhances swine gut Lactobacillus population abundance.

The British journal of nutrition , Volume: 111 Suppl 1 2014 Jun

Authors Daly K,Darby AC,Hall N,Nau A,Bravo D,Shirazi-Beechey SP

Antibacterial, antifungal and antioxidant activities of honey collected from Timergara (Dir, Pakistan).

Pakistan journal of pharmaceutical sciences , Volume: 27 Issue: 1 2014 Jan

Authors Zahoor M,Naz S,Sangeen M

In vitro activity of tigecycline and comparators against Gram-positive and Gram-negative isolates collected from the Middle East and Africa between 2004 and 2011.

International journal of antimicrobial agents , Volume: 43 Issue: 2 2014 Feb

Authors Kanj SS,Whitelaw A,Dowzicky MJ

Additional oligofructose/inulin does not increase faecal bifidobacteria in critically ill patients receiving enteral nutrition: a randomised controlled trial.

Clinical nutrition (Edinburgh, Scotland) , Volume: 33 Issue: 6 2014 Dec

Authors Majid HA,Cole J,Emery PW,Whelan K

Bifidogenic effect of whole-grain wheat during a 12-week energy-restricted dietary intervention in postmenopausal women.

European journal of clinical nutrition , Volume: 67 Issue: 12 2013 Dec

Authors Christensen EG,Licht TR,Kristensen M,Bahl MI

Effects of a probiotic, *Enterococcus faecium*, on growth performance, intestinal morphology, immune response, and cecal microflora in broiler chickens challenged with *Escherichia coli* K88.

Poultry science , Volume: 92 Issue: 11 2013 Nov

Authors Cao GT,Zeng XF,Chen AG,Zhou L,Zhang L,Xiao YP,Yang CM

In vitro anti-bacterial and anti-adherence effects of *Lactobacillus delbrueckii* subsp *bulgaricus* on *Escherichia coli*.

Research in pharmaceutical sciences , Volume: 8 Issue: 4 2013 Oct

Authors Abedi D,Feizizadeh S,Akbari V,Jafarian-Dehkordi A

Role of probiotics in the prevention and treatment of meticillin-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

Changing dietary calcium-phosphorus level and cereal source selectively alters abundance of bacteria and metabolites in the upper gastrointestinal tracts of weaned pigs.

Applied and environmental microbiology , Volume: 79 Issue: 23 2013 Dec

Authors Metzler-Zebeli BU,Mann E,Schmitz-Esser S,Wagner M,Ritzmann M,Zebeli Q

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 I,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

Utilization of major fucosylated and sialylated human milk oligosaccharides by isolated human gut microbes.

Glycobiology , Volume: 23 Issue: 11 2013 Nov

Authors Yu ZT,Chen C,Newburg DS

[Food value of cichorium intybus].

Voprosy pitaniia , Volume: 82 Issue: 2 2013

Authors Luzina EV

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

Intestinal microbiology in early life: specific prebiotics can have similar functionalities as human-milk oligosaccharides.

The American journal of clinical nutrition , Volume: 98 Issue: 2 2013 Aug

Authors Oozeer R,van Limpt K,Ludwig T,Ben Amor K,Martin R,Wind RD,Boehm G,Knol J

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

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

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

Influence of propolis on hygiene, gingival condition, and oral microflora in patients with cleft lip and palate treated with fixed orthodontic appliances.

Evidence-based complementary and alternative medicine : eCAM , Volume: 2013 2013

Authors Machorowska-Pieniazek A,Morawiec T,Mertas A,Tanasiewicz M,Dziedzic A,Król W

Antibacterial activity of selected Malaysian honey.

BMC complementary and alternative medicine , Volume: 13 2013 Jun 10

Authors Zainol MI,Mohd Yusoff K,Mohd Yusof MY

Leaf extract of Azadirachta indica (neem): a potential antibiofilm agent for Pseudomonas aeruginosa.

Pathogens and disease , Volume: 69 Issue: 1 2013 Oct

Authors Harjai K,Bala A,Gupta RK,Sharma R

In vitro evaluation of Portuguese propolis and floral sources for antiprotozoal, antibacterial and antifungal activity.

Phytotherapy research : PTR , Volume: 28 Issue: 3 2014 Mar

Authors Falcão SI,Vale N,Cos P,Gomes P,Freire C,Maes L,Vilas-Boas M

Phytochemical Screening and Antimicrobial Activity of Some Medicinal Plants Against Multi-drug Resistant Bacteria from Clinical Isolates.

Indian journal of pharmaceutical sciences , Volume: 74 Issue: 5 2012 Sep

Authors Dahiya P,Purkayastha S

In Vitro Antimicrobial Activity of Ethanolic Extract of Polish Propolis against Biofilm Forming Staphylococcus epidermidis Strains.

Evidence-based complementary and alternative medicine : eCAM , Volume: 2013 2013

Authors Wojtyczka RD,Kepa M,Idzik D,Kubina R,Kabala-Dzik A,Dziedzic A,Wasik TJ

Effects of vanillin, quillaja saponin, and essential oils on in vitro fermentation and protein-degrading microorganisms of the rumen.

Applied microbiology and biotechnology , Volume: 98 Issue: 2 2014 Jan

Authors Patra AK,Yu Z

Fiber and prebiotics: mechanisms and health benefits.

Nutrients , Volume: 5 Issue: 4 2013 Apr 22

Authors Slavin J

Inulin-type fructans with different degrees of polymerization improve lipid metabolism but not glucose metabolism in rats fed a high-fat diet under energy restriction.

Digestive diseases and sciences , Volume: 58 Issue: 8 2013 Aug

Authors Han KH,Tsuchihira H,Nakamura Y,Shimada K,Ohba K,Aritsuka T,Uchino H,Kikuchi H,Fukushima M

Influence of coffee (Coffea arabica) and galacto-oligosaccharide consumption on intestinal microbiota and the host responses.

FEMS microbiology letters , Volume: 343 Issue: 2 2013 Jun

Authors Nakayama T,Oishi K

Grain-rich diets differently alter ruminal and colonic abundance of microbial populations and lipopolysaccharide in goats.

Anaerobe , Volume: 20 2013 Apr

Authors Metzler-Zebeli BU,Schmitz-Esser S,Klevenhusen F,Podstatzky-Lichtenstein L,Wagner M,Zebeli Q

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

Fecal microbial communities of healthy adult dogs fed raw meat-based diets with or without inulin or yeast cell wall extracts as assessed by 454 pyrosequencing.

FEMS microbiology ecology , Volume: 84 Issue: 3 2013 Jun

Authors Beloshapka AN,Dowd SE,Suchodolski JS,Steiner JM,Duclos L,Swanson KS

Decontamination of *Salmonella*, *Shigella*, and *Escherichia coli* O157:H7 from leafy green vegetables using edible plant extracts.

Journal of food science , Volume: 78 Issue: 2 2013 Feb

Authors Orue N,García S,Feng P,Heredia N

Antibacterial and antimycotic activities of Slovenian honeys.

British journal of biomedical science , Volume: 69 Issue: 4 2012

Authors Kuncic MK,Jaklic D,Lapanje A,Gunde-Cimerman N

In vitro antimicrobial assessment of Cuban propolis extracts.

Memorias do Instituto Oswaldo Cruz , Volume: 107 Issue: 8 2012 Dec

Authors Monzote L,Cuesta-Rubio O,Campo Fernandez M,Márquez Hernandez I,Frágua 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

In vitro antimicrobial activities of cinnamon bark oil, anethole, carvacrol, eugenol and guaiaculene against *Mycoplasma hominis* clinical isolates.

Biomedical papers of the Medical Faculty of the University Palacky, Olomouc, Czechoslovakia , Volume: 158 Issue: 2 2014 Jun

Authors Sleha R,Mosio P,Vydrzalova M,Jantovska A,Bostikova V,Mazurova J

In vitro fermentation of commercial α-glucosidase by faecal microbiota from lean and obese human subjects.

The British journal of nutrition , Volume: 109 Issue: 11 2013 Jun

Authors Sarbini SR,Kolida S,Gibson GR,Rastall RA

Effects of oat β-glucan and barley β-glucan on fecal characteristics, intestinal microflora, and intestinal bacterial metabolites in rats.

Journal of agricultural and food chemistry , Volume: 60 Issue: 45 2012 Nov 14

Authors Shen RL,Dang XY,Dong JL,Hu XZ

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,Noureddine D,Mohamed HS,Abdelmelek M,Saad A

Gut microbiome composition is linked to whole grain-induced immunological improvements.

The ISME journal , Volume: 7 Issue: 2 2013 Feb

Authors Martínez I,Lattimer JM,Hubach KL,Case JA,Yang J,Weber CG,Louk JA,Rose DJ,Kyureghian G,Peterson DA,Haub MD,Walter J

The principal fucosylated oligosaccharides of human milk exhibit prebiotic properties on cultured infant microbiota.

Glycobiology , Volume: 23 Issue: 2 2013 Feb

Authors Yu ZT,Chen C,Kling DE,Liu B,McCoy JM,Merighi M,Heidtman M,Newburg DS

Effects of cereal β-glucans and enzyme inclusion on the porcine gastrointestinal tract microbiota.

Anaerobe , Volume: 18 Issue: 6 2012 Dec

Authors Murphy P,Bello FD,O'Doherty JV,Arendt EK,Sweeney T,Coffey A

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

Assessment of the in vitro inhibitory activity of specific probiotic bacteria against different *Escherichia coli* strains.

Journal of clinical gastroenterology , Volume: 46 Suppl 2012 Oct

Authors Mogna L,Del Piano M,Deidda F,Nicola S,Soattini L,Debiaggi R,Sforza F,Strozzi G,Mogna G

The comparison of fluoroquinolones to nonfluoroquinolone antibacterial agents for the prevention of endophthalmitis in a rabbit model.

Journal of ocular pharmacology and therapeutics : the official journal of the Association for Ocular Pharmacology and Therapeutics , Volume: 28 Issue: 6 2012 Dec

Authors Kowalski RP,Romanowski EG,Shanks RM,Mah FS

Fermented milk supplemented with probiotics and prebiotics can effectively alter the intestinal microbiota and immunity of host animals.

Journal of dairy science , Volume: 95 Issue: 9 2012 Sep

Authors Wang S,Zhu H,Lu C,Kang Z,Luo Y,Feng L,Lu X

Enzyme deactivation treatments did not decrease the beneficial role of oat food in intestinal microbiota and short-chain fatty acids: an in vivo study.

Journal of the science of food and agriculture , Volume: 93 Issue: 3 2013 Feb

Authors Hu X,Xing X,Zhen H

Effect of chito-oligosaccharide on growth performance, intestinal barrier function, intestinal morphology and cecal microflora in weaned pigs.

Journal of animal science , Volume: 90 Issue: 8 2012 Aug

Authors Yang CM,Ferket PR,Hong QH,Zhou J,Cao GT,Zhou L,Chen AG

Inulin modifies the bifidobacteria population, fecal lactate concentration, and fecal pH but does not influence iron absorption in women with low iron status.

The American journal of clinical nutrition , Volume: 96 Issue: 2 2012 Aug

Authors Petry N,Egli I,Chassard C,Lacroix C,Hurrell R

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

Does the piperacillin minimum inhibitory concentration for Pseudomonas aeruginosa influence clinical outcomes of children with pseudomonal bacteraemia?

Clinical infectious diseases : an official publication of the Infectious Diseases Society of America , Volume: 55 Issue: 6 2012 Sep

Authors Tamma PD,Turnbull AE,Milstone AM,Hsu AJ,Carroll KC,Cosgrove SE

Synthesis and evaluation of antimicrobial activity of 4H-pyrimido[2,1-b]benzothiazole, pyrazole and benzylidene derivatives of curcumin.

European journal of medicinal chemistry , Volume: 54 2012 Aug

Authors Sahu PK,Sahu PK,Gupta SK,Thavaselvam D,Agarwal DD

Microbiota benefits after inulin and partially hydrolized guar gum supplementation: a randomized clinical trial in constipated women.

Nutricion hospitalaria , Volume: 27 Issue: 1 2012 Jan-Feb

Authors Linetzky Waitzberg D,Alves Pereira CC,Logullo L,Manzoni Jacintho T,Almeida D,Teixeira da Silva ML,Matos de Miranda Torrinhas RS

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

The antimicrobial action of chitosan, low molar mass chitosan, and chitooligosaccharides on human colonic bacteria.

Folia microbiologica , Volume: 57 Issue: 4 2012 Jul

Authors Simunek J,Brandysová V,Koppová I,Simunek J Jr

Effect of garlic powder on the growth of commensal bacteria from the gastrointestinal tract.

Phytomedicine : international journal of phytotherapy and phytopharmacology , Volume: 19 Issue: 8-9 2012 Jun 15

Authors Filocamo A,Nueno-Palop C,Bisignano C,Mandalari G,Narbad A

Effect of lactose on gut microbiota and metabolome of infants with cow's milk allergy.

Pediatric allergy and immunology : official publication of the European Society of Pediatric Allergy and Immunology , Volume: 23 Issue: 5 2012 Aug

Authors Francavilla R,Calasso M,Calace L,Siragusa S,Ndagijimana M,Vernocchi P,Brunetti L,Mancino G,Tedeschi G,Guerzoni E,Indrio F,Laghi L,Minello VL,Gobbetti M,De Angelis M

Microbial composition and in vitro fermentation patterns of human milk oligosaccharides and prebiotics differ between formula-fed and sow-reared piglets.

The Journal of nutrition , Volume: 142 Issue: 4 2012 Apr

Authors Li M,Bauer LL,Chen X,Wang M,Kuhlenschmidt TB,Kuhlenschmidt MS,Fahey GC Jr,Donovan SM

Changes in gut microbiota in children with atopic dermatitis administered the bacteria Lactobacillus casei DN-114001.

Polish journal of microbiology , Volume: 60 Issue: 4 2011

Authors Klewicka E,Cukrowska B,Libudzisz Z,Slizewska K,Motyl I

Inulin and fructo-oligosaccharides have divergent effects on colitis and commensal microbiota in HLA-B27 transgenic rats.

The British journal of nutrition , Volume: 108 Issue: 9 2012 Nov 14

Authors Koleva PT,Valcheva RS,Sun X,Gänzle MG,Dieleman LA

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

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

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

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,Karpuk UV

Synergistic antimicrobial activities of natural essential oils with chitosan films.

Journal of agricultural and food chemistry , Volume: 59 Issue: 23 2011 Dec 14

Authors Wang L,Liu F,Jiang Y,Chai Z,Li P,Cheng Y,Jing H,Leng X

The effect of probiotics on faecal microbiota and genotoxic activity of faecal water in patients with atopic dermatitis: a randomized, placebo-controlled study.

Clinical nutrition (Edinburgh, Scotland) , Volume: 31 Issue: 1 2012 Feb

Authors Roessler A,Forssten SD,Glei M,Ouwehand AC,Jahreis G

The association of minocycline and the probiotic Escherichia coli Nissle 1917 results in an additive beneficial effect in a DSS model of reactivated colitis in mice.

Biochemical pharmacology , Volume: 82 Issue: 12 2011 Dec 15

Authors Garrido-Mesa N,Utrilla P,Comalada M,Zorrilla P,Garrido-Mesa J,Zarzuelo A,Rodríguez-Cabezas ME,Gálvez J

In-vitro antimicrobial activity and synergistic/antagonistic effect of interactions between antibiotics and some spice essential oils.

Journal of environmental biology , Volume: 32 Issue: 1 2011 Jan

Authors Toroglu S

Wheat- and barley-based diets with or without additives influence broiler chicken performance, nutrient digestibility and intestinal microflora.

Journal of the science of food and agriculture , Volume: 92 Issue: 1 2012 Jan 15

Authors Rodríguez ML,Rebolé A,Velasco S,Ortiz LT,Treviño J,Alzueta C

Prebiotic effects of wheat arabinoxylan related to the increase in bifidobacteria, Roseburia and Bacteroides/Prevotella in diet-induced obese mice.

PLoS one , Volume: 6 Issue: 6 2011

Authors Neyrinck AM,Possemiers S,Druart C,Van de Wiele T,De Backer F,Cani PD,Larondelle Y,Delzenne NM

Antibacterial activity in spices and local medicinal plants against clinical isolates of Karachi, Pakistan.

Pharmaceutical biology , Volume: 49 Issue: 8 2011 Aug

Authors Ali NH,Faizi S,Kazmi SU

Investigations into the antiadhesive activity of herbal extracts against Campylobacter jejuni.

Phytotherapy research : PTR , Volume: 25 Issue: 8 2011 Aug

Authors Bensch K,Tiralongo J,Schmidt K,Matthias A,Bone KM,Lehmann R,Tiralongo E

High-throughput method for comparative analysis of denaturing gradient gel electrophoresis profiles from human fecal samples reveals significant increases in two bifidobacterial species after inulin-type prebiotic intake.

FEMS microbiology ecology , Volume: 75 Issue: 2 2011 Feb

Authors Joossens M,Huys G,Van Steen K,Cnockaert M,Vermeire S,Rutgeerts P,Verbeke K,Vandamme P,De Preter V

Development of biosensor-based assays to identify anti-infective oligosaccharides.

Analytical biochemistry , Volume: 410 Issue: 2 2011 Mar 15

Authors Lane JA,Mehra RK,Carrington SD,Hickey RM

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,Glamocilja J,Marin PD,Brkic D,van Griendsveld LJ

A new macrocyclic antibiotic, fidaxomicin (OPT-80), causes less alteration to the bowel microbiota of Clostridium difficile-infected patients than does vancomycin.

Microbiology (Reading, England) , Volume: 156 Issue: Pt 11 2010 Nov

Authors Tannock GW,Munro K,Taylor C,Lawley B,Young W,Byrne B,Emery J,Louie T

- Biodegradable gelatin-chitosan films incorporated with essential oils as antimicrobial agents for fish preservation.
Food microbiology , Volume: 27 Issue: 7 2010 Oct
Authors Gómez-Estaca J,López de Lacey A,López-Caballero ME,Gómez-Guillén MC,Montero P
In vitro evaluation of the microbiota modulation abilities of different sized whole oat grain flakes.
- Anaerobe , Volume: 16 Issue: 5 2010 Oct**
Authors Connolly ML,Lovegrove JA,Tuohy KM
Dietary cellulose, fructooligosaccharides, and pectin modify fecal protein catabolites and microbial populations in adult cats.
- Journal of animal science , Volume: 88 Issue: 9 2010 Sep**
Authors Barry KA,Wojcicki BJ,Middelbos IS,Vester BM,Swanson KS,Fahey GC Jr
Determination of the in vivo prebiotic potential of a maize-based whole grain breakfast cereal: a human feeding study.
- The British journal of nutrition , Volume: 104 Issue: 9 2010 Nov**
Authors Carvalho-Wells AL,Helmolz K,Nodet C,Molzer C,Leonard C,McKeith B,Thielecke F,Jackson KG,Tuohy KM
The influence of pomegranate by-product and punicalagins on selected groups of human intestinal microbiota.
- International journal of food microbiology , Volume: 140 Issue: 2-3 2010 Jun 15**
Authors Bialonska D,Ramnani P,Kasimsetty SG,Muntha KR,Gibson GR,Ferreira D
Consumption of human milk oligosaccharides by gut-related microbes.
- Journal of agricultural and food chemistry , Volume: 58 Issue: 9 2010 May 12**
Authors Marcabal A,Barboza M,Froehlich JW,Block DE,German JB,Lebrilla CB,Mills DA
Short-term antibiotic treatment has differing long-term impacts on the human throat and gut microbiome.
- PLoS one , Volume: 5 Issue: 3 2010 Mar 24**
Authors Jakobsson HE,Jernberg C,Andersson AF,Sjölund-Karlsson M,Jansson JK,Engstrand L
Effect of ethnomedicinal plants used in folklore medicine in Jordan as antibiotic resistant inhibitors on Escherichia coli.
- BMC complementary and alternative medicine , Volume: 10 2010 Feb 28**
Authors Darwish RM,Aburjai TA
Antioxidant, antihypertensive, and antibacterial properties of endophytic Pestalotiopsis species from medicinal plants.
- Canadian journal of microbiology , Volume: 54 Issue: 9 2008 Sep**
Authors Tejesvi MV,Kini KR,Prakash HS,Subbiah V,Shetty HS
Antibiotic-induced perturbations of the intestinal microbiota alter host susceptibility to enteric infection.
- Infection and immunity , Volume: 76 Issue: 10 2008 Oct**
Authors Sekirov I,Tam NM,Jogova M,Robertson ML,Li Y,Lupp C,Finlay BB
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
In vitro fermentation of oat and barley derived beta-glucans by human faecal microbiota.
- FEMS microbiology ecology , Volume: 64 Issue: 3 2008 Jun**
Authors Hughes SA,Shewry PR,Gibson GR,McCleary BV,Rastall RA
The antimicrobial efficacy of plant essential oil combinations and interactions with food ingredients.
- International journal of food microbiology , Volume: 124 Issue: 1 2008 May 10**
Authors Gutierrez J,Barry-Ryan C,Bourke P
Synergistic antibacterial activity between Thymus vulgaris and Pimpinella anisum essential oils and methanol extracts.
- Journal of ethnopharmacology , Volume: 116 Issue: 3 2008 Mar 28**
Authors Al-Bayati FA
[Surveillance of antimicrobial resistance among nosocomial gram-negative pathogens from 15 teaching hospitals in China in 2005].
- Zhonghua yi xue za zhi , Volume: 87 Issue: 39 2007 Oct 23**
Authors Yang QW,Xu YC,Chen MJ,Hu YJ,Ni YX,Sun JY,Yu YS,Kong HS,He L,Wu WY,Ye HF,Yang YM,Zhu LN,Guo SH,Ji P,Zhu ZH,Ren JK,Zhang LX,Sun ZY,Zhu XH,Tong MQ,Zhao WS,Mei YN,Liu Y,Zhang ZJ,Duan Q,Li D,Liu PP,Wang J,Han LX,Wang H,Xie XL
Baseline microbiota activity and initial bifidobacteria counts influence responses to prebiotic dosing in healthy subjects.
- Alimentary pharmacology & therapeutics , Volume: 27 Issue: 6 2008 Mar 15**
Authors de Preter V,Vanhoutte T,Huys G,Swings J,Rutgeerts P,Verbeke K
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,Laothakunjit N,Kerdchoechuen O

Whole-grain wheat breakfast cereal has a prebiotic effect on the human gut microbiota: a double-blind, placebo-controlled, crossover study.

The British journal of nutrition , Volume: 99 Issue: 1 2008 Jan

Authors Costabile A,Klinder A,Fava F,Napolitano A,Fogliano V,Leonard C,Gibson GR,Tuohy KM

Evaluation of fermentable oligosaccharides in diets fed to dogs in comparison to fiber standards.

Journal of animal science , Volume: 85 Issue: 11 2007 Nov

Authors Middelbos IS,Fastinger ND,Fahey GC Jr

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

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

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

Antimicrobial activity against gram negative bacilli from Yaounde Central Hospital, Cameroon.

African health sciences , Volume: 6 Issue: 4 2006 Dec

Authors Gangoue-Pieboji J,Koulla-Shiro S,Ngassam P,Adiogo D,Ndumbe P

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

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

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

Jerusalem artichoke and chicory inulin in bakery products affect faecal microbiota of healthy volunteers.

The British journal of nutrition , Volume: 98 Issue: 3 2007 Sep

Authors Kleessen B,Schwarz S,Boehm A,Fuhrmann H,Richter A,Henle T,Krueger M

Supplementation of baby formula with native inulin has a prebiotic effect in formula-fed babies.

Asia Pacific journal of clinical nutrition , Volume: 16 Issue: 1 2007

Authors Kim SH,Lee DH,Meyer D

Molecular monitoring of the fecal microbiota of healthy human subjects during administration of lactulose and Saccharomyces boulardii.

Applied and environmental microbiology , Volume: 72 Issue: 9 2006 Sep

Authors Vanhoutte T,De Preter V,De Brandt E,Verbeke K,Swings J,Huys G

In vitro activity of Bulgarian propolis against 94 clinical isolates of anaerobic bacteria.

Anaerobe , Volume: 12 Issue: 4 2006 Aug

Authors Boyanova L,Kolarov R,Gergova G,Mitov I

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

Anaerobe , Volume: 8 Issue: 1 2002 Feb

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

Bacteremia in children at a regional hospital in Trinidad.

International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases , Volume: 11 Issue: 2 2007 Mar

Authors Orrett FA,Changoor E

Antimicrobial and 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

Prebiotic effects of chicory inulin in the simulator of the human intestinal microbial ecosystem.

FEMS microbiology ecology , Volume: 51 Issue: 1 2004 Dec 27

Authors de Wiele TV,Boon N,Possemiers S,Jacobs H,Verstraete W

The protective role of topical propolis on experimental keratitis via nitric oxide levels in rabbits.

Molecular and cellular biochemistry , Volume: 281 Issue: 1-2 2006 Jan

Authors Duran N,Koc A,Oksuz H,Tamer C,Akaydin Y,Kozlu T,Celik M

Intestinal microbiota of patients with bacterial infection of the respiratory tract treated with amoxicillin.

The Brazilian journal of infectious diseases : an official publication of the Brazilian Society of Infectious Diseases , Volume: 9 Issue: 4 2005 Aug

Authors Monreal MT,Pereira PC,de Magalhães Lopes CA

Increase of faecal bifidobacteria due to dietary oligosaccharides induces a reduction of clinically relevant pathogen germs in the faeces of formula-fed preterm infants.

Acta paediatrica (Oslo, Norway : 1992). Supplement , Volume: 94 Issue: 449 2005 Oct

Authors Knol J,Boehm G,Lidestri M,Negratti F,Jelinek J,Agosti M,Stahl B,Marini A,Mosca F

Propolis: anti-Staphylococcus aureus activity and synergism with antimicrobial drugs.

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

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

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

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

Authors Oksuz H,Duran N,Tamer C,Cetin M,Silici S

Antibacterial activity of propolis against Staphylococcus aureus.

International journal of food microbiology , Volume: 102 Issue: 2 2005 Jul 15

Authors Lu LC,Chen YW,Chou CC

Chemical compositions and antimicrobial activities of four different Anatolian propolis samples.

Microbiological research , Volume: 160 Issue: 2 2005

Authors Uzel A,Sorkun K,Onçag O,Coğulu D,Gençay O,Salih B

Chemical composition and antibacterial activity of propolis collected by three different races of honeybees in the same region.

Journal of ethnopharmacology , Volume: 99 Issue: 1 2005 May 13

Authors Silici S,Kutluca S

Mixture of honey, beeswax and olive oil inhibits growth of Staphylococcus aureus and Candida albicans.

Archives of medical research , Volume: 36 Issue: 1 2005 Jan-Feb

Authors Al-Waili NS

[Antimicrobial properties of bee preparations in ointment form].

Mikrobiolohichnyi zhurnal (Kiev, Ukraine : 1993) , Volume: 66 Issue: 6 2004 Nov-Dec

Authors Postoienko VO,Senchuhova NA,Postoienko OM,Patyka VP

Molecular and microbiological analysis of caecal microbiota in rats fed with diets supplemented either with prebiotics or probiotics.

International journal of food microbiology , Volume: 98 Issue: 3 2005 Feb 15

Authors Montesi A,García-Albiach R,Pozuelo MU,Pintado C,Goñi I,Rötger R

Antibiotic susceptibility profiles of new probiotic Lactobacillus and Bifidobacterium strains.

International journal of food microbiology , Volume: 98 Issue: 2 2005 Feb 1

Authors Zhou JS,Pillidge CJ,Gopal PK,Gill HS

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 Dadalioğlu I,Evrindilek GA

Antibacterial and resistance modifying activity of *Rosmarinus officinalis*.

Phytochemistry , Volume: 65 Issue: 24 2004 Dec

Authors Oluwatuyi M,Kaatz GW,Gibbons S

Growth inhibition of foodborne pathogens and food spoilage organisms by select raw honeys.

International journal of food microbiology , Volume: 97 Issue: 1 2004 Dec 1

Authors Mundo MA,Padilla-Zakour OI,Worobo RW

Emerging resistance among bacterial pathogens in the intensive care unit—a European and North American Surveillance study (2000-2002).

Annals of clinical microbiology and antimicrobials , Volume: 3 2004 Jul 29

Authors Jones ME,Draghi DC,Thornberry C,Karlowsky JA,Sahm DF,Wenzel RP

In vitro antimicrobial activity of essential oils from aromatic plants against selected foodborne pathogens.

Journal of food protection , Volume: 67 Issue: 6 2004 Jun

Authors Rota C,Carramiñana JJ,Burillo J,Herrera A

Contribution of acetate to butyrate formation by human faecal bacteria.

The British journal of nutrition , Volume: 91 Issue: 6 2004 Jun

Authors Duncan SH,Holtrop G,Lobley GE,Calder AG,Stewart CS,Flint HJ

Antimicrobial susceptibility of the pathogens of bacteraemia in the UK and Ireland 2001-2002: the BSAC Bacteraemia Resistance Surveillance Programme.

The Journal of antimicrobial chemotherapy , Volume: 53 Issue: 6 2004 Jun

Authors Reynolds R,Potz N,Colman M,Williams A,Livermore D,MacGowan A,BSAC Extended Working Party on Bacteraemia

Resistance Surveillance.

Lactulose ingestion increases faecal bifidobacterial counts: a randomised double-blind study in healthy humans.

European journal of clinical nutrition , Volume: 58 Issue: 3 2004 Mar

Authors Bouhnik Y,Attar A,Joly FA,Riottot M,Dyard F,Flourié B

Antimicrobial activity of extracts of local cough mixtures on upper respiratory tract bacterial pathogens.

The West Indian medical journal , Volume: 52 Issue: 3 2003 Sep

Authors Adeleye IA,Opiah L

Antibacterial activity of honey and propolis from Apis mellifera and Tetragonisca angustula against Staphylococcus aureus.

Journal of applied microbiology , Volume: 95 Issue: 5 2003

Authors Miorin PL,Levy Junior NC,Custodio AR,Bretz WA,Marcucci MC

Argentinean collaborative multicenter study on the in vitro comparative activity of piperacillin-tazobactam against selected bacterial isolates recovered from hospitalized patients.

Diagnostic microbiology and infectious disease , Volume: 47 Issue: 3 2003 Nov

Authors Casellas JM,Tomé G,Bantar C,Bertolini P,Blázquez N,Borda N,Couto E,Cudmani N,Guerrera J,Juárez MJ,López T,Littvik A,Méndez E,Notario R,Ponce G,Quinteros M,Salamone F,Sparo M,Sutich E,Vaylet S,Wolff L

Influence of ginger rhizome (*Zingiber officinale Rosc*) on survival, glutathione and lipid peroxidation in mice after whole-body exposure to gamma radiation.

Radiation research , Volume: 160 Issue: 5 2003 Nov

Authors Jagetia GC,Baliga MS,Venkatesh P,Ulloor JN

Lactose utilization in *Klebsiella pneumoniae*: the slow utilization of lactose by resting cells of lactose fermenting strains.

Journal of bacteriology , Volume: 70 Issue: 1 1955 Jul

Authors CABELLI VJ

The significance of lactose fermentation and its relationship to resistance in *Klebsiella pneumoniae*.

Journal of bacteriology , Volume: 66 Issue: 4 1953 Oct

Authors CABELLI VJ,PICKETT MJ

Trends in antimicrobial susceptibilities among Enterobacteriaceae isolated from hospitalized patients in the United States from 1998 to 2001.

Antimicrobial agents and chemotherapy , Volume: 47 Issue: 5 2003 May

Authors Karlowsky JA,Jones ME,Thornsberry C,Friedland IR,Sahm DF

Brazilian propolis: physicochemical properties, plant origin and antibacterial activity on periodontopathogens.

Phytotherapy research : PTR , Volume: 17 Issue: 3 2003 Mar

Authors Santos FA,Bastos EM,Maia AB,Uzeda M,Carvalho MA,Farias LM,Moreira ES

Antimicrobial resistance in Cairo, Egypt 1999-2000: a survey of five hospitals.

The Journal of antimicrobial chemotherapy , Volume: 51 Issue: 3 2003 Mar

Authors El Kholy A,Baseem H,Hall GS,Procop GW,Longworth DL

Interaction between probiotic lactic acid bacteria and canine enteric pathogens: a risk factor for intestinal *Enterococcus faecium* colonization?

Veterinary microbiology , Volume: 92 Issue: 1-2 2003 Mar 20

Authors Rinkinen M,Jalava K,Westermarck E,Salminen S,Ouwehand AC

Dietary fiber-rich barley products beneficially affect the intestinal tract of rats.

The Journal of nutrition , Volume: 132 Issue: 12 2002 Dec

Authors Dongowski G,Huth M,Gebhardt E,Flamme W

Antibacterial activity of extracts from some edible plants commonly consumed in Asia.

International journal of food microbiology , Volume: 80 Issue: 3 2003 Feb 15

Authors Alzoreky NS,Nakahara K

Culture-independent microbial community analysis reveals that inulin in the diet primarily affects previously unknown bacteria in the mouse cecum.

Applied and environmental microbiology , Volume: 68 Issue: 10 2002 Oct

Authors Apajalahti JH,Kettunen H,Kettunen A,Holben WE,Nurminen PH,Rautonen N,Mutanen M

Improvement of the probiotic effect of micro-organisms by their combination with maltodextrins, fructo-oligosaccharides and polyunsaturated fatty acids.

The British journal of nutrition , Volume: 88 Suppl 1 2002 Sep

Authors Bomba A,Nemcová R,Gancarcíková S,Herich R,Guba P,Mudronová D

Potency and antimicrobial spectrum update for piperacillin/tazobactam (2000): emphasis on its activity against resistant organism populations and generally untested species causing community-acquired respiratory tract infections.

Diagnostic microbiology and infectious disease , Volume: 43 Issue: 1 2002 May

Authors Johnson DM,Biedenbach DJ,Jones RN

Evaluation of N-acetylchitooligosaccharides as the main carbon sources for the growth of intestinal bacteria.

FEMS microbiology letters , Volume: 209 Issue: 1 2002 Mar 19

Authors Chen HC,Chang CC,Mau WJ,Yen LS

High frequency of antibiotic resistance among Gram-negative isolates in intensive care units at 10 Swedish hospitals.

Clinical microbiology and infection : the official publication of the European Society of Clinical Microbiology and Infectious Diseases , Volume: 3 Issue: 2 1997 Apr

Authors Hanberger H,Nilsson LE,Swedish Study Group .

Screening of the antibacterial effects of a variety of essential oils on respiratory tract pathogens, using a modified dilution assay method.

Journal of infection and chemotherapy : official journal of the Japan Society of Chemotherapy , Volume: 7 Issue: 4 2001 Dec

Authors Inouye S,Yamaguchi H,Takizawa T

Prebiotic treatment of experimental colitis with germinated barley foodstuff: a comparison with probiotic or antibiotic treatment.

International journal of molecular medicine , Volume: 9 Issue: 1 2002 Jan

Authors Fukuda M,Kanauchi O,Araki Y,Andoh A,Mitsuyama K,Takagi K,Toyonaga A,Sata M,Fujiyama Y,Fukuoka M,Matsumoto Y,Bamba T

Inhibition by the essential oils of peppermint and spearmint of the growth of pathogenic bacteria.

Microbios , Volume: 106 Suppl 1 2001

Authors Imai H,Osawa K,Yasuda H,Hamashima H,Arai T,Sasatsu M

Oligofructose and long-chain inulin: influence on the gut microbial ecology of rats associated with a human faecal flora.

The British journal of nutrition , Volume: 86 Issue: 2 2001 Aug

Authors Kleessen B,Hartmann L,Blaut M

Enrichment of bifidobacteria in the hen caeca by dietary inulin.

Folia microbiologica , Volume: 46 Issue: 1 2001

Authors Rada V,Dusková D,Marounek M,Petr J

In-vitro antimicrobial activity of four diallyl sulphides occurring naturally in garlic and Chinese leek oils.

Journal of medical microbiology , Volume: 50 Issue: 7 2001 Jul

Authors Tsao SM,Yin MC

In vitro activity of garlic oil and four diallyl sulphides against antibiotic-resistant Pseudomonas aeruginosa and Klebsiella pneumoniae.

The Journal of antimicrobial chemotherapy , Volume: 47 Issue: 5 2001 May

Authors Tsao S,Yin M

Probiotic activities of Lactobacillus casei rhamnosus: in vitro adherence to intestinal cells and antimicrobial properties.

Research in microbiology , Volume: 152 Issue: 2 2001 Mar

Authors Forestier C,De Champs C,Vatoux C,Joly B

Egyptian propolis: 1-antimicrobial activity and chemical composition of Upper Egypt propolis.

Zeitschrift fur Naturforschung. C, Journal of biosciences , Volume: 56 Issue: 1-2 2001 Jan-Feb

Authors Hegazi AG,El Hady FK

Azithromycin: a new 15-membered macrolide.

The Japanese journal of antibiotics , Volume: 54 Suppl A 2001 Feb

Authors Treadway G

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

Probiotics in foods not containing milk or milk constituents, with special reference to Lactobacillus plantarum 299v.

The American journal of clinical nutrition , Volume: 73 Issue: 2 Suppl 2001 Feb

Authors Molin G

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

Effect of azithromycin on murine arteriosclerosis exacerbated by Chlamydia pneumoniae.

The Journal of infectious diseases , Volume: 183 Issue: 2 2001 Jan 15

Authors Rothstein NM,Quinn TC,Madico G,Gaydos CA,Lowenstein CJ

Study on propolis quality from China and Uruguay.

Zeitschrift fur Naturforschung. C, Journal of biosciences , Volume: 55 Issue: 9-10 2000 Sep-Oct

Authors Serra Bonvehí J,Ventura Coll F

Evaluation of the in vitro activity of 9 antimicrobials against bacterial strains isolated from patients in intensive care units in brazil: MYSTIC Antimicrobial Surveillance Program.

- The Brazilian journal of infectious diseases : an official publication of the Brazilian Society of Infectious Diseases , Volume: 4 Issue: 5 2000 Oct**
 Authors Mendes C,Hsiung A,Kiffer C,Oplustil C,Sinto S,Mimica I,Zoccoli C,Mystic Study Group.
[Sensitivity to antibiotics of bacteria from nosocomial infections. Evolution in resuscitation services of military hospitals].
- Presse medicale (Paris, France : 1983) , Volume: 29 Issue: 27 2000 Sep 23**
 Authors Garrabé E,Cavallo JD,Brisou P,Chapalain JC,Coué JC,Courrier P,Granic G,Hervé V,Koeck JL,Morillon M,Claude JD,Rouby Y,Teyssou R
Seasonal effect on Brazilian propolis antibacterial activity.
- Journal of ethnopharmacology , Volume: 73 Issue: 1-2 2000 Nov**
 Authors Sforcin JM,Fernandes A Jr,Lopes CA,Bankova V,Funari SR
Screening of some Palestinian medicinal plants for antibacterial activity.
- Journal of ethnopharmacology , Volume: 70 Issue: 3 2000 Jun**
 Authors Essawi T,Srour M
Fermentation of plant cell wall derived polysaccharides and their corresponding oligosaccharides by intestinal bacteria.
- Journal of agricultural and food chemistry , Volume: 48 Issue: 5 2000 May**
 Authors Van Laere KM,Hartemink R,Bosveld M,Schols HA,Voragen AG
Fn-type chicory inulin hydrolysate has a prebiotic effect in humans.
- The Journal of nutrition , Volume: 130 Issue: 5 2000 May**
 Authors Menne E,Guggenbuhl N,Roberfroid 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
In vitro utilization of amylopectin and high-amylose maize (Amylomaize) starch granules by human colonic bacteria.
- Applied and environmental microbiology , Volume: 65 Issue: 11 1999 Nov**
 Authors Wang X,Conway PL,Brown IL,Evans AJ
In vitro activities of azithromycin and ofloxacin against Chlamydia pneumoniae in a continuous-infection model.
- Antimicrobial agents and chemotherapy , Volume: 43 Issue: 9 1999 Sep**
 Authors Kutlin A,Roblin PM,Hammerschlag MR
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
Influences of urinary pH on ciprofloxacin pharmacokinetics in humans and antimicrobial activity in vitro versus those of sparfloxacin.
- Antimicrobial agents and chemotherapy , Volume: 43 Issue: 3 1999 Mar**
 Authors Kamberi M,Tsutsumi K,Kotegawa T,Kawano K,Nakamura K,Niki Y,Nakano S
[Relationship between the sensitivity of Pseudomonas aeruginosa and the post-antibiotic effect of sparfloxacin and ciprofloxacin].
- Revista espanola de quimioterapia : publicacion oficial de la Sociedad Espanola de Quimioterapia , Volume: 11 Issue: 4 1998 Dec**
 Authors Pastor A,Cantón E,Pernán J
Increased growth of Bifidobacterium and Eubacterium by germinated barley foodstuff, accompanied by enhanced butyrate production in healthy volunteers.
- International journal of molecular medicine , Volume: 3 Issue: 2 1999 Feb**
 Authors Kanauchi O,Fujiyama Y,Mitsuyama K,Araki Y,Ishii T,Nakamura T,Hitomi Y,Agata K,Saiki T,Andoh A,Toyonaga A,Bamba T
The effect of consumption of milk fermented by Lactobacillus casei strain Shirota on the intestinal microflora and immune parameters in humans.
- European journal of clinical nutrition , Volume: 52 Issue: 12 1998 Dec**
 Authors Spanhaak S,Havenaar R,Schaafsma G
Antibiotic susceptibility of potentially probiotic Lactobacillus species.
- Journal of food protection , Volume: 61 Issue: 12 1998 Dec**
 Authors Charteris WP,Kelly PM,Morelli L,Collins JK

Microbiological examinations and in-vitro testing of different antibiotics in therapeutic endoscopy of the biliary system.

Endoscopy , Volume: 30 Issue: 8 1998 Oct

Authors Lorenz R,Herrmann M,Kassem AM,Lehn N,Neuhaus H,Classen M

Efficacy and safety of high dose intravenous ciprofloxacin in the treatment of bacterial pneumonia. Italian Ciprofloxacin Study Group.

International journal of antimicrobial agents , Volume: 10 Issue: 3 1998 Aug

Authors Periti P,Mazzei T,Curti ME

Continuous culture selection of bifidobacteria and lactobacilli from human faecal samples using fructooligosaccharide as selective substrate.

Journal of applied microbiology , Volume: 85 Issue: 4 1998 Oct

Authors Sghir A,Chow JM,Mackie RI

The colonization of a simulator of the human intestinal microbial ecosystem by a probiotic strain fed on a fermented oat bran product: effects on the gastrointestinal microbiota.

Applied microbiology and biotechnology , Volume: 50 Issue: 2 1998 Aug

Authors Kontula P,Jaskari J,Nollet L,De Smet I,von Wright A,Poutanen K,Mattila-Sandholm T

[Susceptibilities of bacteria isolated from patients with lower respiratory infectious diseases to antibiotics (1996)].

The Japanese journal of antibiotics , Volume: 51 Issue: 7 1998 Jul

Authors Ikemoto H,Watanabe K,Mori T,Igari J,Oguri T,Shimizu Y,Terai T,Inoue H,Nakadate T,Ito C,Yoshida T,Ohno I,Tanno Y,Arakawa M,Igarashi K,Okada M,Ozaki K,Aoki N,Kitamura N,Sekine O,Suzuki Y,Nakata K,Nakatani T,Inagawa H,Kusano N

Antibiotic susceptibility of potentially probiotic Bifidobacterium isolates from the human gastrointestinal tract.

Letters in applied microbiology , Volume: 26 Issue: 5 1998 May

Authors Charteris WP,Kelly PM,Morelli L,Collins JK

Health benefits of non-digestible oligosaccharides.

Advances in experimental medicine and biology , Volume: 427 1997

Authors Roberfroid MB

Fecal numbers of bifidobacteria are higher in pigs fed Bifidobacterium longum with a high amylose cornstarch than with a low amylose cornstarch.

The Journal of nutrition , Volume: 127 Issue: 9 1997 Sep

Authors Brown I,Warhurst M,Arcot J,Playne M,Illman RJ,Topping DL

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

Effects of inulin and lactose on fecal microflora, microbial activity, and bowel habit in elderly constipated persons.

The American journal of clinical nutrition , Volume: 65 Issue: 5 1997 May

Authors Kleessen B,Sykura B,Zunft HJ,Blaut M

Cefuroxime compared to amoxicillin-clavulanic acid in the treatment of community-acquired pneumonia.

Singapore medical journal , Volume: 37 Issue: 3 1996 Jun

Authors Oh HM,Ng AW,Lee SK

In vitro evaluation of activities of nitazoxanide and tizoxanide against anaerobes and aerobic organisms.

Antimicrobial agents and chemotherapy , Volume: 40 Issue: 10 1996 Oct

Authors Dubreuil L,Houcke I,Mouton Y,Rossignol JF

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

Antimicrobial compounds from Lactobacillus casei and Lactobacillus helveticus.

The new microbiologica , Volume: 16 Issue: 2 1993 Apr

Authors Vescovo M,Scolari GL,Caravaggi L,Bottazzi V

The efficacy and safety of piperacillin/tazobactam in the therapy of bacteraemia.

The Journal of antimicrobial chemotherapy , Volume: 31 Suppl A 1993 Jan

Authors Wise R

[A nationwide survey of antimicrobial susceptibilities of clinical isolates to antibiotics in Japan (1988-1990)].

The Japanese journal of antibiotics , Volume: 46 Issue: 6 1993 Jun

Authors Igari J

Synergistic effect of ethanolic extract of propolis and antibiotics on the growth of staphylococcus aureus.

Arzneimittel-Forschung , Volume: 43 Issue: 5 1993 May

Authors Krol W,Scheller S,Shani J,Pietsz G,Czuba Z

Enrichment of bifidobacteria from human gut contents by oligofructose using continuous culture.

FEMS microbiology letters , Volume: 118 Issue: 1-2 1994 May 1

Authors Gibson GR,Wang X

In vitro antimicrobial activity of fluoroquinolones against clinical isolates obtained in 1989 and 1990.

Journal of the Formosan Medical Association = Taiwan yi zhi , Volume: 92 Issue: 12 1993 Dec

Authors Chen YC,Chang SC,Hsu LY,Hsieh WC,Luh KT

Selective stimulation of bifidobacteria in the human colon by oligofructose and inulin.

Gastroenterology , Volume: 108 Issue: 4 1995 Apr

Authors Gibson GR,Beatty ER,Wang X,Cummings JH

Comparison of utilization of pectins from various sources by pure cultures of pectinolytic rumen bacteria and mixed cultures of rumen microorganisms.

Acta microbiologica Polonica , Volume: 43 Issue: 1 1994

Authors Kasperowicz A

[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 Gia

Influence of dietary lactose on the gut flora of chicks.

British poultry science , Volume: 23 Issue: 4 1982 Jul

Authors Morishita Y,Fuller R,Coates ME

The fermentation of lactulose by colonic bacteria.

Journal of general microbiology , Volume: 128 Issue: 2 1982 Feb

Authors Sahota SS,Bramley PM,Menzies IS

Comparative activities of the oxa-beta-lactam LY127935, cefotaxime, cefoperazone, cefamandole, and ticarcillin against multiply resistant gram-negative bacilli.

Antimicrobial agents and chemotherapy , Volume: 17 Issue: 2 1980 Feb

Authors Hall WH,Opfer BJ,Gerding DN

Antibacterial sensitivity of Bifidobacterium (Lactobacillus bifidus).

Journal of bacteriology , Volume: 93 Issue: 1 1967 Jan

Authors Miller LG,Finegold SM

Inhibition of coagulase activity and growth of Staphylococcus aureus by garlic extracts.

Folia microbiologica , Volume: 19 Issue: 6 1974

Authors Fletcher RD,Parker B,Hassett M

[In vitro sensitivity at 18 antibiotics of 192 strains of Pseudomonas aeruginosa isolated at Garches Hospital].

Pathologie-biologie , Volume: 35 Issue: 5 1987 May

Authors Ronco E,Vacheron F,Orabona A

Comparison of populations of human faecal bacteria before and after in vitro incubation with plant cell wall substrates.

The Journal of applied bacteriology , Volume: 62 Issue: 3 1987 Mar

Authors Slade AP,Wyatt GM,Bayliss CE,Waites WM

[Evaluation of imipenem/cilastatin sodium in the treatment of respiratory tract infections].

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

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

[Antimicrobial activity of ornidazole and 6 other antibiotics against anaerobic bacteria].

Enfermedades infecciosas y microbiologia clinica , Volume: 9 Issue: 4 1991 Apr

Authors Alados JC,Martínez-Brocal A,Miranda C,Rojo MD,García V,Domínguez MC,de la Rosa M

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

Fermentation of mucins and plant polysaccharides by anaerobic bacteria from the human colon.

Applied and environmental microbiology , Volume: 34 Issue: 5 1977 Nov

Authors Salyers AA,West SE,Vercellotti JR,Wilkins TD

[Selective effect of propolis in the isolation of Listeria monocytogenes (author's transl)].

Nordisk veterinaermedicin , Volume: 29 Issue: 10 1977 Oct

Authors Aspøy E

R-plasmid linked lactose fermentation in Klebsiella pneumoniae.

The Indian journal of medical research , Volume: 70 1979 Nov

Authors Walia SK,Chugh TD,Sharma KB,Bhat MB

Bacterial endocarditis on a prosthetic valve. Oral treatment with amoxicillin.

Chest , Volume: 74 Issue: 2 1978 Aug

Authors Lidji M,Rubinstein E,Samra H

- [Antibacterial activity of sisomicin in comparison with gentamicin].
Arzneimittel-Forschung, Volume: 26 Issue: 5 1976
Authors Scheer M
In vitro activity of josamycin against aerobic gram-positive cocci and anaerobes.
- Antimicrobial agents and chemotherapy**, Volume: 9 Issue: 6 1976 Jun
Authors Westerman EL, Williams TW Jr, Moreland N
Antibacterial activity and pharmacokinetics of bacampicillin and ampicillin.
- Clinical pharmacology and therapeutics**, Volume: 19 Issue: 5 Pt 1 1976 May
Authors Rozencweig M, Staquet M, Klastersky J
Susceptibility of pneumococci and Haemophilus influenzae to antibacterial agents.
- Antimicrobial agents and chemotherapy**, Volume: 9 Issue: 2 1976 Feb
Authors Finland M, Garner C, Wilcox C, Sabath LD
[Proceedings: Long-term therapy with antibiotics in chronic bronchitis].
- Schweizerische medizinische Wochenschrift**, Volume: 105 Issue: 28-29 1975 Jul 12
Authors Hoigné R, Keller MF, Spiess JB
Additional sources and private correspondance
- Private Correspondance**, Volume: 1 Issue: 2018
Infectious Disease and Antibiotic Agents
- antimicrobe: Infectious Disease and Antibiotic Agents**, Volume:
Authors E-Sun Technologies
Effects of probiotic Enterococcus faecium NCIMB 11181 administration on swine fecal microbiota diversity and composition using barcoded pyrosequencing
- Animal Feed Science and Technology**, Volume: 201 2015 Mar
Authors Edward Alain B. Pajarillo, Dae-Kyung Kang, Chan-Soo Park, Hyeun Bum Kim, Marilen P. Balolong
Curated database of commensal, symbiotic and pathogenic microbiota
- Generative Bioinformatics**, Volume: Issue: 2014 Jun
Authors D'Adamo Peter
Curcumin consumption reduces gut microbial diversity among patients with colorectal adenomas
- The FASEB Journal**, Volume: 26 Issue: 1 2012 Apr 1
Authors April McLaughlin, Felix Araujo-Perez, Nikki McCoy, Kevin Smith, Bob Sandler, Gary Asher, Temitope Keku

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Ankylosing spondylitis
Anorexia Nervosa
Antiphospholipid syndrome (APS)
Asthma
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Atrial fibrillation
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Barrett esophagus cancer
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Carcinoma
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Cognitive Function
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Constipation
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Cushing's Syndrome (hypercortisolism)
cystic fibrosis
d-Hactic 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
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