

Microbiome Information for: Constipation

For prescribing Medical professionals Review

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

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

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

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

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

In the USA

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

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

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

Analysis Provided by Microbiome Prescription

A Microbiome Analysis Company

892 Lake Samish Rd, Bellingham WA 98229

Email: Research@MicrobiomePrescription.com

[Our Facebook Discussion Page](#)

Bacteria being reported because of atypical values.

These bacteria were reported atypical in studies of Constipation

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

Bacteria Name	Rank	Shift	Taxonomy ID	Bacteria Name	Rank	Shift	Taxonomy ID
Coriobacteria	class	Low	84998	Lachnospira	genus	High	28050
Gammaproteobacteria	class	High	1236	Megamonas	genus	Low	158846
Bacteroidaceae	family	High	815	Prevotella	genus	Low	838
Enterobacteriaceae	family	High	543	Pseudomonas	genus	High	286
Lachnospiraceae	family	High	186803	Roseburia	genus	Low	841
Oscillospiraceae	family	High	216572	Shigella	genus	High	620
Prevotellaceae	family	Low	171552	Coriobacteriales	order	Low	84999
Selenomonadaceae	family	Low	1843491	Enterobacteriales	order	High	91347
Tannerellaceae	family	High	2005525	Bacteroides stercoris	species	High	46506
Bacteroides	genus	High	816	Eubacterium coprostanoligenes	species	High	290054
Blautia	genus	Low	572511	Megamonas funiformis	species	Low	437897
Citrobacter	genus	High	544	Phocaeicola coprocola	species	High	310298
Escherichia	genus	High	561	Phocaeicola dorei	species	High	357276
Faecalibacterium	genus	Low	216851	Phocaeicola vulgatus	species	High	821
				Prevotellaceae bacterium	species	Low	2049047

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.

alcoholic beverages	levan
aspartame (sweetner)	macrolide ((antibiotic)s)
banana	pectin
bifidobacterium bifidum (probiotics) 1 BCFU/day	penicillin-moxalactam (antibiotic)s
bile (acid/salts)	proton-pump inhibitors (prescription) 60 mg/day
carboxymethyl cellulose (prebiotic)	red alga Laurencia tristicha
gluten-free diet	resistant maltodextrin 50 gram/day
green-lipped mussel	resistant starch
high-fat diets	Rutin 60 mg/day
Human milk oligosaccharides (prebiotic, Holigos, Stachyose) 2	saccharin 450 mg/day
gram/day	schisandra chinensis(magnolia berry or five-flavor-fruit)
inulin (prebiotic) 32 gram/day	Slippery Elm
iron 400 mg/day	stevia 800 mg/day
ku ding cha tea	ymbioflor 2 e.coli probiotics

Retail Probiotics

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

Swiss BioEnergetics / Full Spectrum Probiotic Defence
 blackmore (au) / probiotics+ bowel support
 blackmores (au) / probiotics+ immune defence
 Metabolics / Bifidobacterium Bifidum Powder
 ISCON Elegance/ Ochek Capsule 10
 HMF Forte
 custom probiotics / b. lactis & b. bifidum probiotic powder
 spain (es) / profaes4 edad escolar
 symbiopharm / symbioflo 2
 natren / bifido factor
 speer labs / emuaid first defense
 nature's way (au) / restore probiotic 30 billion 30s
 HMF IBS Relief
 Wakunaga / Pro+ Synbiotic
 blackmore (au) / probiotics+ daily health
 gnc / ultra probiotic complex
 natren / healthy trinity probiotic
 Genesis Bifidobacterium Complex BB Probiotic
 cytoplan(uk) /dentavital bifidophilus
 blackmores (au) / probiotics + adults daily (90 capsules)
 nature's way (au) / restore probiotic daily health 90s
 optibac / for daily immunity
 Maple Life Science™ / Bifidobacterium Bifidum
 genestra brands® hm
 Seeking Health / Probiota Bifidobacterium
 jarow formulas / bifidus balance® + fos
 customprobiotics.com / B. Bifidum Probiotic Powder
 HMF Intensive
 Bromatech (IT) / Acronelle
 jamieson (can) / probiotic 10 bcfu
 shin biofermin (jp) /s
 Bromatech (IT) / Lautoselle
 Bioflora (MX) / BIOFLORAMX / 50 BILLION 10 Strains
 Wakunaga / Kyo-Dophilus® Multi 9 Probiotic
 naturopathica (au) / gastrohealth fibrepro
 philips / colon health
 blackmore (au) / probiotics+ eczema relief
 Ombre / Endless Energy
 bravo europe / starter and complex
 optibac / for every day
 Bromatech (IT) / Bifiselle
 wakamoto (jp) / wakamoto pharmaceutical intestinal drug
 custom probiotics / five strain bifidobacteria
 Wakunaga / Daily Probiotic
 spain (es) / profaes4 viajeros
 claire labs / ther-biotic factor 4
 Wakunaga / 50+
 Bromatech (IT) / Serobiome
 Nu U (uk) /Bio-Cultures Complex

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.

amikacin (antibiotic)s	gentamicin (antibiotic)s
amoxicillin (antibiotic)s[CFS]	imipenem (antibiotic)s
ampicillin (antibiotic)s[CFS]	lactobacillus casei (probiotics)
barley	lactobacillus plantarum (probiotics)
benzylpenicillin sodium (antibiotic)	lactobacillus reuteri (probiotics)
cefotaxime sodium salt (antibiotic)	lactobacillus rhamnosus gg (probiotics)
ceftazidime (antibiotic)s	meropenem (antibiotic)s
chloramphenicol (antibiotic)s	norfloxacin (antibiotic)s
cinnamon (oil. spice)	ofloxacin (antibiotic)s
ciprofloxacin (antibiotic)s[CFS]	oregano (organum vulgare, oil)
clostridium butyricum (probiotics),Miya,Miyarisan	piperacillin-tazobactam (antibiotic)s
fluoroquinolone (antibiotic)s	thyme (thymol, thyme oil)
foeniculum vulgare,fennel	trimethoprim (antibiotic)s
	whey

Sample of Literature Used

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

[Altered gut microbial profile is associated with differentially expressed fecal microRNAs in patients with functional constipation.](#)

Frontiers in microbiology , Volume: 14 2023

Authors Yao J,Yan X,Li Y,Chen Y,Xiao X,Zhou S,Zhang W,Wang L,Chen M,Zeng F,Li Y

[Alteration of the faecal microbiota composition in patients with constipation: evidence of American Gut Project.](#)

Beneficial microbes , Volume: 13 Issue: 6 2022 Dec 7

Authors Xu YS,Wang YH,Liu Y,Sun X,Xu JS,Song Y,Jiang X,Xiong ZF,Tian ZB,Zhang CP

[Modeling Dynamics of Human Gut Microbiota Derived from Gluten Metabolism: Obtention, Maintenance and Characterization of Complex Microbial Communities.](#)

International journal of molecular sciences , Volume: 25 Issue: 7 2024 Apr 4

Authors Carnicero-Mayo Y,Sáenz de Miera LE,Ferrero MÁ,Navasa N,Casqueiro J

[Antitumor effect of exopolysaccharide from *Lactiplantibacillus plantarum* WLPL09 on melanoma mice via regulating immunity and gut microbiota.](#)

International journal of biological macromolecules , Volume: 254 Issue: Pt 1 2023 Oct 31

Authors Wang Q,Jiang B,Wei M,He Y,Wang Y,Zhang Q,Wei H,Tao X

[Effect of a Co-Feed Liquid Whey-Integrated Diet on Crossbred Pigs` Fecal Microbiota.](#)

Animals : an open access journal from MDPI , Volume: 13 Issue: 11 2023 May 25

Authors Sutera AM,Arfuso F,Tardiolo G,Riggjo V,Fazio F,Aiese Cigliano R,Paytuví A,Piccione G,Zumbo A

[Positive efficacy of *Lactiplantibacillus plantarum* MH-301 as a postoperative adjunct to endoscopic sclerotherapy for internal hemorrhoids: a randomized, double-blind, placebo-controlled trial.](#)

Food & function , 2023 Sep 1

Authors Zhang K,Liu H,Liu P,Feng Q,Gan L,Yao L,Huang G,Fang Z,Chen T,Fang N

[Comparing the Influences of Metformin and Berberine on the Intestinal Microbiota of Rats With Nonalcoholic Steatohepatitis.](#)

In vivo (Athens, Greece) , Volume: 37 Issue: 5 2023 Sep-Oct

Authors Chen D,Xiong J,Chen G,Zhang Z,Liu Y,Xu J,Xu H

[Immunomodulatory effects of inulin and its intestinal metabolites.](#)

Frontiers in immunology , Volume: 14 2023

Authors Sheng W, Ji G,Zhang L

[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

[Targeted modification of gut microbiota and related metabolites via dietary fiber.](#)

Carbohydrate polymers , Volume: 316 2023 Sep 15

Authors Nie Q,Sun Y,Li M,Zuo S,Chen C,Lin Q,Nie S

[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

[Miya Improves Osteoarthritis Characteristics via the Gut-Muscle-Joint Axis According to Multi-Omics Analyses.](#)

Frontiers in pharmacology , Volume: 13 2022

Authors Xu T,Yang D,Liu K,Gao Q,Liu Z,Li G

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

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

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

[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

[Unravelling the collateral damage of antibiotics on gut bacteria.](#)

Nature , Volume: 599 Issue: 7883 2021 Nov

Authors Maier L,Goemans CV,Wirbel J,Kuhn M,Eberl C,Pruteanu M,Müller P,Garcia-Santamarina S,Cacace E,Zhang B,Gekeler C,Banerjee T,Anderson EE,Milanese A,Löber U,Forslund SK,Patil KR,Zimmermann M,Stecher B,Zeller G,Bork P,Typas A

[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

The Protection of *Lactiplantibacillus plantarum* CCFM8661 Against Benzopyrene-Induced Toxicity via Regulation of the Gut Microbiota.

Frontiers in immunology , Volume: 12 2021

Authors Yu L,Zhang L,Duan H,Zhao R,Xiao Y,Guo M,Zhao J,Zhang H,Chen W,Tian F

Dose-response and functional role of whey permeate as a source of lactose and milk oligosaccharides on intestinal health and growth of nursery pigs.

Journal of animal science , Volume: 99 Issue: 1 2021 Jan 1

Authors Jang KB,Purvis JM,Kim SW

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

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

Tetrahedron letters , Volume: 75 2021 Jul 6

Authors Kaplan AR,Wuest WM

Dietary oregano essential oil supplementation improves intestinal functions and alters gut microbiota in late-phase laying hens.

Journal of animal science and biotechnology , Volume: 12 Issue: 1 2021 Jul 6

Authors Feng J,Lu M,Wang J,Zhang H,Qiu K,Qi G,Wu S

Intestinal Microbiota Mediates High-Fructose and High-Fat Diets to Induce Chronic Intestinal Inflammation.

Frontiers in cellular and infection microbiology , Volume: 11 2021

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

Clostridium butyricum relieve the visceral hypersensitivity in mice induced by Citrobacter rodentium infection with chronic stress.

PeerJ , Volume: 9 2021

Authors Wang T,Li L,Li S,Zhao H,Qu J,Xia Y,Li Y

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 Sps in Reducing the Risk of Diabetes in High-Fat Diet-Induced Diabetic Mice by Modulating the Gut Microbiome and Inhibiting Key Digestive Enzymes Associated with Diabetes.

Biology , Volume: 10 Issue: 4 2021 Apr 20

Authors Gulnaz A,Nadeem J,Han JH,Lew LC,Son JD,Park YH,Rather IA,Hor YY

Potato resistant starch inhibits diet-induced obesity by modifying the composition of intestinal microbiota and their metabolites in obese mice.

International journal of biological macromolecules , Volume: 180 2021 Mar 9

Authors Liang D,Zhang L,Chen H,Zhang H,Hu H,Dai X

Effects of Banana Resistant Starch on the Biochemical Indexes and Intestinal Flora of Obese Rats Induced by a High-Fat Diet and Their Correlation Analysis.

Frontiers in bioengineering and biotechnology , Volume: 9 2021

Authors Fu J,Wang Y,Tan S,Wang J

Dose-response and functional role of whey permeate as a source of lactose and milk oligosaccharides on intestinal health and growth of nursery pigs.

Journal of animal science , Volume: 99 Issue: 1 2021 Jan 1

Authors Jang KB,Purvis JM,Kim SW

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

Nutrients , Volume: 13 Issue: 1 2021 Jan 9

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

Dose-response and functional role of whey permeate as a source of lactose and milk oligosaccharides on intestinal health and growth of nursery pigs.

Journal of animal science , 2021 Jan 12

Authors Jang K,Purvis JM,Kim SW

Conversion of Rutin, a Prevalent Dietary Flavonol, by the Human Gut Microbiota.

Frontiers in microbiology , Volume: 11 2020

Authors Riva A,Kolimár D,Spittler A,Wisgrill L,Herbold CW,Abrankó L,Berry D

[Probiotic *Lactobacillus rhamnosus* GG Promotes Mouse Gut Microbiota Diversity and T Cell Differentiation.](#)

Frontiers in microbiology , Volume: 11 2020

Authors Shi CW,Cheng MY,Yang X,Lu YY,Yin HD,Zeng Y,Wang RY,Jiang YL,Yang WT,Wang JZ,Zhao DD,Huang HB,Ye LP,Cao X,Yang GL,Wang CF

[Selective Utilization of the Human Milk Oligosaccharides 2`-Fucosyllactose, 3-Fucosyllactose, and Difucosyllactose by Various Probiotic and Pathogenic Bacteria.](#)

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

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

[Exopolysaccharides from *Lactobacillus plantarum* YW11 improve immune response and ameliorate inflammatory bowel disease symptoms.](#)

Acta biochimica Polonica , Volume: 67 Issue: 4 2020 Dec 17

Authors Min Z,Xiaona H,Aziz T,Jian Z,Zhennai Y

[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

[Dynamic gut microbiome changes to low-iron challenge.](#)

Applied and environmental microbiology , 2020 Nov 13

Authors Coe GL,Pinkham NV,Celis AI,Johnson C,DuBois JL,Walk ST

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

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

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

[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

[Cultural isolation of spore-forming bacteria in human feces using bile acids.](#)

Scientific reports , Volume: 10 Issue: 1 2020 Sep 14

Authors Tanaka M,Onizuka S,Mishima R,Nakayama J

[Effects of banana powder \(*Musa acuminata* Colla\) on the composition of human fecal microbiota and metabolic output using in vitro fermentation.](#)

Journal of food science , Volume: 85 Issue: 8 2020 Aug

Authors Tian DD,Xu XQ,Peng Q,Zhang YW,Zhang PB,Qiao Y,Shi B

[Thyroid-Gut-Axis: How Does the Microbiota Influence Thyroid Function?](#)

Nutrients , Volume: 12 Issue: 6 2020 Jun 12

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

[The *in vitro* Effect of Fibers With Different Degrees of Polymerization on Human Gut Bacteria.](#)

Frontiers in microbiology , Volume: 11 2020

Authors Chen M,Fan B,Liu S,Imam KMSU,Xie Y,Wen B,Xin F

[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

[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

[Dietary prophage inducers and antimicrobials: toward landscaping the human gut microbiome.](#)

Gut microbes , 2020 Jan 13

Authors Boling L,Cuevas DA,Grasis JA,Kang HS,Knowles B,Levi K,Maughan H,McNair K,Rojas MI,Sanchez SE,Smurthwaite C,Rohwer F

[Food for thought about manipulating gut bacteria.](#)

Nature , Volume: 577 Issue: 7788 2020 Jan

Authors Delzenne NM,Bindels LB

[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

[Lactobacillus reuteri DSM 17938 feeding of healthy newborn mice regulates immune responses while modulating gut microbiota and boosting beneficial metabolites.](#)

American journal of physiology. Gastrointestinal and liver physiology , 2019 Sep 4

Authors Liu Y,Tian X,He B,Hoang TK,Taylor CM,Blanchard E,Freeborn J,Park S,Luo M,Couturier J,Tran DQ,Roos S,Wu G,Rhoads JM

[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

[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 A,Castell M,Rodríguez-Lagunas MJ,Pérez-Cano FJ

[Dietary Factors and Modulation of Bacteria Strains of Akkermansia muciniphila and Faecalibacterium prausnitzii: 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

[Supplementation of diet with non-digestible oligosaccharides alters the intestinal microbiota, but not arthritis development, in IL-1 receptor antagonist deficient mice.](#)

PloS one , Volume: 14 Issue: 7 2019

Authors Rogier R,Ederveen THA,Wopereis H,Hartog A,Boekhorst J,van Hijum SAFT,Knol J,Garssen J,Walgreen B,Helsen MM,van der Kraan PM,van Lent PLEM,van de Loo FAJ,Abdollahi-Roodsaz S,Koenders MI

[The role of short-chain fatty acids in microbiota-gut-brain communication.](#)

Nature reviews. Gastroenterology & hepatology , Volume: 16 Issue: 8 2019 Aug

Authors Dalile B,Van Oudenhove L,Vervliet B,Verbeke K

[Fermented Momordica charantia L. juice modulates hyperglycemia, lipid profile, and gut microbiota in type 2 diabetic rats.](#)

Food research international (Ottawa, Ont.) , Volume: 121 2019 Jul

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

[Associations between usual diet and gut microbiota composition: results from the Milieu Intérieur cross-sectional study.](#)

The American journal of clinical nutrition , Volume: 109 Issue: 5 2019 May 1

Authors Partula V,Mondot S,Torres MJ,Kesse-Guyot E,Deschasaux M,Assmann K,Latino-Martel P,Buscail C,Julia C,Galan P,Hercberg S,Rouilly V,Thomas S,Quintana-Murci L,Albert ML,Duffy D,Lantz O,Touvier M,Milieu Intérieur Consortium

[A low-gluten diet induces changes in the intestinal microbiome of healthy Danish adults.](#)

Nature communications , Volume: 9 Issue: 1 2018 Nov 13

Authors Hansen LBS,Roager HM,Søndertoft NB,Gøbel RJ,Kristensen M,Vallès-Colomer M,Vieira-Silva S,Ibrügger S,Lind MV,Mærkedahl RB,Bahl MI,Madsen ML,Havelund J,Falony G,Tetens I,Nielsen T,Allin KH,Frandsen HL,Hartmann B,Holst JJ,Sparholt MH,Holck J,Blennow A,Moll JM,Meyer AS,Hoppe C,Poulsen JH,Carvalho V,Sagnelli D,Dalgaard MD,Christensen AF,Lydolph MC,Ross AB,Villas-Bôas S,Brix S,Sicheritz-Pontén T,Buschard K,Linneberg A,Rumessen JJ,Ekstrøm CT,Ritz C,Kristiansen K,Nielsen HB,Vestergaard H,Færgeman NJ,Raes J,Frøkiær H,Hansen T,Lauritzen L,Gupta R,Licht TR,Pedersen O

[Stability of vitamin B12 with the protection of whey proteins and their effects on the gut microbiome.](#)

Food chemistry , Volume: 276 2019 Mar 15

Authors Wang H,Shou Y,Zhu X,Xu Y,Shi L,Xiang S,Feng X,Han J

[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

[Antimicrobial activity of spices essential oils and its effectiveness on mature biofilms of human pathogens.](#)

Natural product research , 2018 Oct 13

Authors Condò C,Anacorso I,Sabia C,Iseppi R,Anfelli I,Forti L,de Niederhäusern S,Bondi M,Messi P

[Probiotic Lactobacillus plantarum Promotes Intestinal Barrier Function by Strengthening the Epithelium and Modulating Gut Microbiota.](#)

Frontiers in microbiology , Volume: 9 2018

Authors Wang J, Ji H, Wang S, Liu H, Zhang W, Zhang D, Wang Y

[\[Microbiological profiles of pathogens causing nosocomial bacteremia in 2011, 2013 and 2016\].](#)

Sheng wu gong cheng xue bao = Chinese journal of biotechnology , Volume: 34 Issue: 8 2018 Aug 25

Authors Wang X,Zhao C,Li H,Chen H,Jin L,Wang Z,Liao K,Zeng J,Xu X,Jin Y,Su D,Liu W,Hu Z,Cao B,Chu Y,Zhang R,Luo Y,Hu B,Wang H

[Pectin Alleviates High Fat \(Lard\) Diet-Induced Nonalcoholic Fatty Liver Disease in Mice: Possible Role of Short-Chain Fatty Acids and Gut Microbiota Regulated by Pectin.](#)

Journal of agricultural and food chemistry , 2018 Jul 20

Authors Li W,Zhang K,Yang H

[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

[Protective Effect of Aplysin Supplementation on Intestinal Permeability and Microbiota in Rats Treated with Ethanol and Iron.](#)

Nutrients , Volume: 10 Issue: 6 2018 May 27

Authors Ma Y,Li R,Liu Y,Liu M,Liang H

[Role of probiotics in the treatment of minimal hepatic encephalopathy in patients with HBV-induced liver cirrhosis.](#)

The Journal of international medical research , Volume: 46 Issue: 9 2018 Sep

Authors Xia X,Chen J,Xia J,Wang B,Liu H,Yang L,Wang Y,Ling Z

[Role of <i>Lactobacillus reuteri</i> in Human Health and Diseases.](#)

Frontiers in microbiology , Volume: 9 2018

Authors Mu Q,Tavella VJ,Luo XM

[The bacterium Pseudomonas aeruginosa senses and gradually responds to interspecific competition for iron.](#)

Evolution; international journal of organic evolution , 2018 Apr 17

Authors Leinweber A,Weigert M,Kümmerli R

[Lactobacillus plantarum MTCC 9510 supplementation protects from chronic unpredictable and sleep deprivation-induced behaviour, biochemical and selected gut microbial aberrations in mice.](#)

Journal of applied microbiology , Volume: 125 Issue: 1 2018 Jul

Authors Dhaliwal J,Singh DP,Singh S,Pinnaka AK,Boparai RK,Bishnoi M,Kondepudi KK,Chopra K

[Prebiotic Potential of Herbal Medicines Used in Digestive Health and Disease.](#)

Journal of alternative and complementary medicine (New York, N.Y.) , Volume: 24 Issue: 7 2018 Jul

Authors Peterson CT,Sharma V,Uchitel S,Denniston K,Chopra D,Mills PJ,Peterson SN

[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

[Multidrug-resistant gram-negative bacterial infections in a teaching hospital in Ghana.](#)

Antimicrobial resistance and infection control , Volume: 7 2018

Authors Agyepong N,Govinden U,Owusu-Ofori A,Essack SY

[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

[The effect of Clostridium butyricum on symptoms and fecal microbiota in diarrhea-dominant irritable bowel syndrome: a randomized, double-blind, placebo-controlled trial.](#)

Scientific reports , Volume: 8 Issue: 1 2018 Feb 14

Authors Sun YY,Li M,Li YY,Li LX,Zhai WZ,Wang P,Yang XX,Gu X,Song LJ,Li Z,Zuo XL,Li YQ

[Update of incidence and antimicrobial susceptibility trends of Escherichia coli and Klebsiella pneumoniae isolates from Chinese intra-abdominal infection patients.](#)

BMC infectious diseases , Volume: 17 Issue: 1 2017 Dec 18

Authors Zhang H,Yang Q,Liao K,Ni Y,Yu Y,Hu B,Sun Z,Huang W,Wang Y,Wu A,Feng X,Luo Y,Chu Y,Chen S,Cao B,Su J,Duan Q,Zhang S,Shao H,Kong H,Gui B,Hu Z,Badal R,Xu Y

[Systematic review: human gut dysbiosis induced by non-antibiotic prescription medications.](#)

Alimentary pharmacology & therapeutics , Volume: 47 Issue: 3 2018 Feb

Authors Le Bastard Q,Al-Ghalith GA,Grégoire M,Chapelet G,Javaudin F,Dailly E,Batard E,Knights D,Montassier E

[Gut Microbiome-Induced Shift of Acetate to Butyrate Positively Manages Dysbiosis in High Fat Diet.](#)

Molecular nutrition & food research , Volume: 62 Issue: 3 2018 Feb

Authors Si X,Shang W,Zhou Z,Strappe P,Wang B,Bird A,Blanchard C

[<i>Clostridium butyricum</i> CGMCC0313.1 Protects against Autoimmune Diabetes by Modulating Intestinal Immune](#)

Homeostasis and Inducing Pancreatic Regulatory T Cells.**Frontiers in immunology** , Volume: 8 2017

Authors Jia L,Shan K,Pan LL,Feng N,Lv Z,Sun Y,Li J,Wu C,Zhang H,Chen W,Diana J,Sun J,Chen YQ

Lactobacillus plantarum HNU082-derived improvements in the intestinal microbiome prevent the development of hyperlipidaemia.**Food & function** , Volume: 8 Issue: 12 2017 Dec 13

Authors Shao Y,Huo D,Peng Q,Pan Y,Jiang S,Liu B,Zhang J

Modulating Effects of Dicafeoylquinic Acids from Ilex kudingcha on Intestinal Microecology in Vitro.**Journal of agricultural and food chemistry** , Volume: 65 Issue: 47 2017 Nov 29

Authors Xie M,Chen G,Wan P,Dai Z,Hu B,Chen L,Ou S,Zeng X,Sun Y

In-vitro antimicrobial activity and identification of bioactive components using GC-MS of commercially available essential oils in Saudi Arabia.**Journal of food science and technology** , Volume: 54 Issue: 12 2017 Nov

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

Effects of microencapsulated Lactobacillus plantarum LIP-1 on the gut microbiota of hyperlipidaemic rats.**The British journal of nutrition** , Volume: 118 Issue: 7 2017 Oct

Authors Song JJ,Tian WJ,Kwok LY,Wang YL,Shang YN,Menghe B,Wang JG

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

A single early-in-life macrolide course has lasting effects on murine microbial network topology and immunity**Nature Communications** , Volume: 8 2017 Sep 11

Authors Ruiz VE,Battaglia T,Kurtz ZD,Bijnens L,Ou A,Engstrand I,Zheng X,lizumi T,Mullins BJ,Müller CL,Cadwell K,Bonneau R,Perez-Perez GI,Blaser MJ

Reduced obesity, diabetes, and steatosis upon cinnamon and grape pomace are associated with changes in gut microbiota and markers of gut barrier.**American journal of physiology. Endocrinology and metabolism** , Volume: 314 Issue: 4 2018 Apr 1

Authors Van Hul M,Geurts L,Plovier H,Druart C,Everard A,Ståhlman M,Rhimi M,Chira K,Teissedre PL,Delzenne NM,Maguin E,Guilbot A,Brochot A,Gérard P,Bäckhed F,Cani PD

Characterization of an antimicrobial substance produced by Lactobacillus plantarum NTU 102.**Journal of microbiology, immunology, and infection = Wei mian yu gan ran za zhi** , 2017 Aug 29

Authors Lin TH,Pan TM

Lactobacillus plantarum LP-Onlly alters the gut flora and attenuates colitis by inducing microbiome alteration in interleukin-10 knockout mice.**Molecular medicine reports** , Volume: 16 Issue: 5 2017 Nov

Authors Chen H,Xia Y,Zhu S,Yang J,Yao J,Di J,Liang Y,Gao R,Wu W,Yang Y,Shi C,Hu D,Qin H,Wang Z

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

Effects of Consuming Xylitol on Gut Microbiota and Lipid Metabolism in Mice.**Nutrients** , Volume: 9 Issue: 7 2017 Jul 14

Authors Uebanso T,Kano S,Yoshimoto A,Naito C,Shimohata T,Mawatari K,Takahashi A

Monitoring *in vitro* antibacterial efficacy of 26 Indian spices against multidrug resistant urinary tract infecting bacteria.**Integrative medicine research** , Volume: 3 Issue: 3 2014 Sep

Authors Rath S,Padhy RN

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

The effects of micronutrient deficiencies on bacterial species from the human gut microbiota.**Science translational medicine** , Volume: 9 Issue: 390 2017 May 17

Authors Hibberd MC,Wu M,Rodionov DA,Li X,Cheng J,Griffin NW,Barratt MJ,Giannone RJ,Hettich RL,Osterman AL,Gordon JJ

The Role of Carrageenan and Carboxymethylcellulose in the Development of Intestinal Inflammation.**Frontiers in pediatrics** , Volume: 5 2017

Authors Martino JV,Van Limbergen J,Cahill LE

Influence of diet on the gut microbiome and implications for human health.**Journal of translational medicine** , Volume: 15 Issue: 1 2017 Apr 8

- Authors Singh RK, Chang HW, Yan D, Lee KM, Ucmak D, Wong K, Abrouk M, Farahnik B, Nakamura M, Zhu TH, Bhutani T, Liao W*
Energy-dense diet triggers changes in gut microbiota, reorganization of gut-brain vagal communication and increases body fat accumulation
- Acta neurobiologiae experimentalis** , Volume: 77 Issue: 1 2017
- Authors Vaughn AC, Cooper EM, Di Lorenzo PM, O'Loughlin LJ, Konkel ME, Peters JH, Hajnal A, Sen T, Lee SH, de La Serre CB, Czaja K*
Low-dose penicillin in early life induces long-term changes in murine gut microbiota, brain cytokines and behavior
- Nature Communications** , Volume: 8 2017 Apr 4
- Authors Leclercq S, Mian FM, Stanisz AM, Bindels LB, Cambier E, Ben-Amram H, Koren O, Forsythe P, Bienenstock J*
Antibiotic use in childhood alters the gut microbiota and predisposes to overweight
- Microbial Cell** , Volume: 3 Issue: 7 2016 Jun 20
- Authors Korpela K, de Vos WM*
Prebiotic inulin-type fructans induce specific changes in the human gut microbiota.
- Gut** , Volume: 66 Issue: 11 2017 Nov
- Authors Vandeputte D, Falony G, Vieira-Silva S, Wang J, Sailer M, Theis S, Verbeke K, Raes J*
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*
A metagenomic study of the preventive effect of Lactobacillus rhamnosus GG on intestinal polyp formation in Apc^{Min/+} mice.
- Journal of applied microbiology** , Volume: 122 Issue: 3 2017 Mar
- Authors Ni Y, Wong VH, Tai WC, Li J, Wong WY, Lee MM, Fong FL, El-Nezami H, Panagiotou G*
Prospective randomized controlled study on the effects of Saccharomyces boulardii CNCM I-745 and amoxicillin-clavulanate or the combination on the gut microbiota of healthy volunteers.
- Gut microbes** , Volume: 8 Issue: 1 2017 Jan 2
- Authors Kabani TA, Pallav K, Dowd SE, Villafuerte-Galvez J, Vanga RR, Castillo NE, Hansen J, Dennis M, Leffler DA, Kelly CP*
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*
Effects of long-term Bacillus subtilis CGMCC 1.921 supplementation on performance, egg quality, and fecal and cecal microbiota of laying hens.
- Poultry science** , Volume: 96 Issue: 5 2017 May 1
- Authors Guo JR, Dong XF, Liu S, Tong JM*
Insights from 100 Years of Research with Probiotic E. Coli
- European Journal of Microbiology & Immunology** , Volume: 6 Issue: 3 2016 Sep 29
- Authors Wassenaar TM*
Oral supplementation of healthy adults with 2`-O-fucosyllactose and lacto-N-neotetraose is well tolerated and shifts the intestinal microbiota.
- The British journal of nutrition** , Volume: 116 Issue: 8 2016 Oct
- Authors Elison E, Vigsnaes LK, Rindom Krogsgaard L, Rasmussen J, Sørensen N, McConnell B, Hennem T, Sommer MO, Bytzer P*
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*
Consumption of a high-fat diet alters the seminal fluid and gut microbiomes in male mice.
- Reproduction, fertility, and development** , Volume: 29 Issue: 8 2017 Aug
- Authors Javurek AB, Spollen WG, Johnson SA, Bivens NJ, Bromert KH, Givan SA, Rosenfeld CS*
Consumption of a Bifidobacterium bifidum Strain for 4 Weeks Modulates Dominant Intestinal Bacterial Taxa and Fecal Butyrate in Healthy Adults.
- Applied and environmental microbiology** , Volume: 82 Issue: 19 2016 Oct 1
- Authors Gargari G, Taverniti V, Balzaretto S, Ferrario C, Gardana C, Simonetti P, Guglielmetti S*
In vitro antimicrobial activity of five essential oils on multidrug resistant Gram-negative clinical isolates.
- Journal of intercultural ethnopharmacology** , Volume: 5 Issue: 3 2016 Jun-Aug
- Authors Sakkas H, Gousia P, Economou V, Sakkas V, Petsios S, Papadopoulou C*
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*
Lactobacillus rhamnosus GG Intake Modifies Preschool Children`s Intestinal Microbiota, Alleviates Penicillin-Associated Changes, and Reduces Antibiotic Use.

PloS one , Volume: 11 Issue: 4 2016

Authors Korpela K,Salonen A,Virta LJ,Kumpu M,Kekkonen RA,de Vos WM

[Effect of Formula Containing Lactobacillus reuteri DSM 17938 on Fecal Microbiota of Infants Born by Cesarean-Section.](#)

Journal of pediatric gastroenterology and nutrition , Volume: 63 Issue: 6 2016 Dec

Authors Garcia Rodenas CL,Lepage M,Ngom-Bru C,Fotiou A,Papagaroufalidis K,Berger B

[Lactobacillus plantarum NCU116 attenuates cyclophosphamide-induced intestinal mucosal injury, metabolism and intestinal microbiota disorders in mice.](#)

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

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

[Manipulation of the gut microbiota using resistant starch is associated with protection against colitis-associated colorectal cancer in rats.](#)

Carcinogenesis , Volume: 37 Issue: 4 2016 Apr

Authors Hu Y,Le Leu RK,Christophersen CT,Somashekar R,Conlon MA,Meng XQ,Winter JM,Woodman RJ,McKinnon R,Young GP

[Oral versus intravenous iron replacement therapy distinctly alters the gut microbiota and metabolome in patients with IBD.](#)

Gut , Volume: 66 Issue: 5 2017 May

Authors Lee T,Clavel T,Smirnov K,Schmidt A,Lagkouravdos I,Walker A,Lucio M,Michalke B,Schmitt-Kopplin P,Fedorak R,Haller D

[Evaluation of probiotic properties of Lactobacillus plantarum WLPL04 isolated from human breast milk.](#)

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

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

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

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

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

[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

[From an imbalance to a new imbalance: Italian-style gluten-free diet alters the salivary microbiota and metabolome of African celiac children.](#)

Scientific reports , Volume: 5 2015 Dec 18

Authors Ercolini D,FrancaVilla R,Vannini L,De Filippis F,Capriati T,Di Cagno R,Iacono G,De Angelis M,Gobbetti M

[Levan Enhances Associated Growth of Bacteroides, Escherichia, Streptococcus and Faecalibacterium in Fecal Microbiota.](#)

PloS one , Volume: 10 Issue: 12 2015

Authors Adamberg K,Tomson K,Talve T,Pudova K,Puurand M,Visnapuu T,Alamäe T,Adamberg S

[Lactobacillus rhamnosus GG-supplemented formula expands butyrate-producing bacterial strains in food allergic infants.](#)

The ISME journal , Volume: 10 Issue: 3 2016 Mar

Authors Berni Canani R,Sangwan N,Stefka AT,Nocerino R,Paparo L,Aitoro R,Calignano A,Khan AA,Gilbert JA,Nagler CR

[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,Gozi G,Maranzano V,Di Cagno R,Gobbetti M,Gesualdo L

[The effect of dietary resistant starch type 2 on the microbiota and markers of gut inflammation in rural Malawi children.](#)

Microbiome , Volume: 3 2015 Sep 3

Authors Ordiz MI,May TD,Mihindukulasuriya K,Martin J,Crowley J,Tarr PI,Ryan K,Mortimer E,Gopalsamy G,Maleta K,Mitreva M,Young G,Manary MJ

[Reutericyclin producing Lactobacillus reuteri modulates development of fecal microbiota in weanling pigs.](#)

Frontiers in microbiology , Volume: 6 2015

Authors Yang Y,Zhao X,Le MH,Zijlstra RT,Gänzle MG

[\[Lactobacillus rhamnosus GG inhibits Cronobacter-induced meningitis in neonatal rats\].](#)

Nan fang yi ke da xue xue bao = Journal of Southern Medical University , Volume: 35 Issue: 8 2015 Aug

Authors Zhong L,Lin R,Long B,Wu X,Fan H

[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

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

- Journal of dairy science** , Volume: 98 Issue: 9 2015 Sep
 Authors Huang R,Tao X,Wan C,Li S,Xu H,Xu F,Shah NP,Wei H
Antimicrobial Impacts of Essential Oils on Food Borne-Pathogens.
- Recent patents on food, nutrition & agriculture** , Volume: 7 Issue: 1 2015
 Authors Ozogul Y,Kuley E,Ucar Y,Ozogul F
Antimicrobial activity and chemical composition of the essential oils of Portuguese Foeniculum vulgare fruits.
- Natural product communications** , Volume: 10 Issue: 4 2015 Apr
 Authors Mota AS,Martins MR,Arantes S,Lopes VR,Bettencourt E,Pombal S,Gomes AC,Silva LA
Oral Microbiota Shift after 12-Week Supplementation with Lactobacillus reuteri DSM 17938 and PTA 5289; A Randomized Control Trial.
- PloS one** , Volume: 10 Issue: 5 2015
 Authors Romani Vestman N,Chen T,Lif Holgerson P,Öhman C,Johansson I
Probiotic potential of lactobacillus strains isolated from sorghum-based traditional fermented food.
- Probiotics and antimicrobial proteins** , Volume: 7 Issue: 2 2015 Jun
 Authors Rao KP,Chennappa G,Suraj U,Nagaraja H,Raj AP,Sreenivasa MY
Collateral damage from oral ciprofloxacin versus nitrofurantoin in outpatients with urinary tract infections: a culture-free analysis of gut microbiota.
- Clinical microbiology and infection : the official publication of the European Society of Clinical Microbiology and Infectious Diseases** , Volume: 21 Issue: 4 2015 Apr
 Authors Stewardson AJ,Gaia N,François P,Malhotra-Kumar S,Delémont C,Martinez de Tejada B,Schrenzel J,Harbarth S,Lazarevic V,SATURN WP1 and WP3 Study Groups.
The impact of oral consumption of Lactobacillus plantarum P-8 on faecal bacteria revealed by pyrosequencing.
- Beneficial microbes** , Volume: 6 Issue: 4 2015
 Authors Kwok LY,Guo Z,Zhang J,Wang L,Qiao J,Hou Q,Zheng Y,Zhang H
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
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
[The antibacterial activity of cinnamon oil on the selected gram-positive and gram-negative bacteria].
- Medycyna doświadczalna i mikrobiologia** , Volume: 66 Issue: 2 2014
 Authors Urbaniak A,Głowacka A,Kowalczyk E,Lysakowska M,Sienkiewicz M
Low-dose aspartame consumption differentially affects gut microbiota-host metabolic interactions in the diet-induced obese rat.
- PloS one** , Volume: 9 Issue: 10 2014
 Authors Palmnäs MS,Cowan TE,Bornhof MR,Su J,Reimer RA,Vogel HJ,Hittel DS,Shearer J
Coexpression and secretion of endoglucanase and phytase genes in Lactobacillus reuteri.
- International journal of molecular sciences** , Volume: 15 Issue: 7 2014 Jul 21
 Authors Wang L,Yang Y,Cai B,Cao P,Yang M,Chen Y
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
The metabolizable energy of dietary resistant maltodextrin is variable and alters fecal microbiota composition in adult men.
- The Journal of nutrition** , Volume: 144 Issue: 7 2014 Jul
 Authors Baer DJ,Stote KS,Henderson T,Paul DR,Okuma K,Tagami H,Kanahori S,Gordon DT,Rumpler WW,Ukhanova M,Culpepper T,Wang X,Mai V
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
Bile acids and the gut microbiome.
- Current opinion in gastroenterology** , Volume: 30 Issue: 3 2014 May
 Authors Ridlon JM,Kang DJ,Hylemon PB,Bajaj JS
Effects of Clostridium butyricum on growth performance, immune function, and cecal microflora in broiler chickens challenged with Escherichia coli K88.
- Poultry science** , Volume: 93 Issue: 1 2014 Jan
 Authors Zhang L,Cao GT,Zeng XF,Zhou L,Ferket PR,Xiao YP,Chen AG,Yang CM

- 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
- 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
- Probiotic features of two oral Lactobacillus isolates.
Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology] , Volume: 43 Issue: 1 2012 Jan
 Authors Zavisic G, Petricevic S, Radulovic Z, Begovic J, Golic N, Topisirovic L, Strahinic I
- Utilization of major fucosylated and sialylated human milk oligosaccharides by isolated human gut microbes.
Glycobiology , Volume: 23 Issue: 11 2013 Nov
 Authors Yu ZT, Chen C, Newburg DS
- Probiotic Lactobacillus reuteri attenuates the stressor-enhanced severity of Citrobacter rodentium infection.
Infection and immunity , Volume: 81 Issue: 9 2013 Sep
 Authors Mackos AR, Eubank TD, Parry NM, Bailey MT
- 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, Ducloux L, Swanson KS
- Gut microbiome composition is linked to whole grain-induced immunological improvements.
The ISME journal , Volume: 7 Issue: 2 2013 Feb
 Authors Martinez I, Lattimer JM, Hubach KL, Case JA, Yang J, Weber CG, Louk JA, Rose DJ, Kyureghian G, Peterson DA, Haub MD, Walter J
- Low iron availability in continuous in vitro colonic fermentations induces strong dysbiosis of the child gut microbial consortium and a decrease in main metabolites.
FEMS microbiology ecology , Volume: 83 Issue: 1 2013 Jan
 Authors Dostal A, Fehlbaum S, Chassard C, Zimmermann MB, Lacroix C
- Green-lipped mussel extract (Perna canaliculus) and glucosamine sulphate in patients with knee osteoarthritis: therapeutic efficacy and effects on gastrointestinal microbiota profiles.
Inflammopharmacology , Volume: 21 Issue: 1 2013 Feb
 Authors Coulson S, Butt H, Vecchio P, Gramotnev H, Vitetta L
- Does the piperacillin minimum inhibitory concentration for Pseudomonas aeruginosa influence clinical outcomes of children with pseudomonal bacteremia?
Clinical infectious diseases : an official publication of the Infectious Diseases Society of America , Volume: 55 Issue: 6 2012 Sep
 Authors Tamma PD, Turnbull AE, Milstone AM, Hsu AJ, Carroll KC, Cosgrove SE
- Early administration of probiotic Lactobacillus acidophilus and/or prebiotic inulin attenuates pathogen-mediated intestinal inflammation and Smad 7 cell signaling.
FEMS immunology and medical microbiology , Volume: 65 Issue: 3 2012 Aug
 Authors Foye OT, Huang IF, Chiou CC, Walker WA, Shi HN
- 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
- Sitafloxacin: in bacterial infections.
Drugs , Volume: 71 Issue: 6 2011 Apr 16
 Authors Keating GM
- 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, Glamoclija J, Marin PD, Brkic D, van Griensven LJ

[Effect of \$\beta\$ -glucanase and xylanase supplementation of barley- and rye-based diets on caecal microbiota of broiler chickens.](#)

British poultry science , Volume: 51 Issue: 4 2010 Aug

Authors Jozefiak D, Rutkowski A, Kaczmarek S, Jensen BB, Engberg RM, Højberg O

[Biodegradable gelatin-chitosan films incorporated with essential oils as antimicrobial agents for fish preservation.](#)

Food microbiology , Volume: 27 Issue: 7 2010 Oct

Authors Gómez-Estaca J, López de Lacey A, López-Caballero ME, Gómez-Guillén MC, Montero P

[Dominant and diet-responsive groups of bacteria within the human colonic microbiota.](#)

The ISME journal , Volume: 5 Issue: 2 2011 Feb

Authors Walker AW, Ince J, Duncan SH, Webster LMI, Holtrop G, Ze X, Brown D, Stares MD, Scott P, Bergerat A, Louis P, McIntosh F, Johnstone AM, Lobley GE, Parkhill J, Flint HJ

[Consumption of human milk oligosaccharides by gut-related microbes.](#)

Journal of agricultural and food chemistry , Volume: 58 Issue: 9 2010 May 12

Authors Marcobal A, Barboza M, Froehlich JW, Block DE, German JB, Lebrilla CB, Mills DA

[Probiotic treatment of irritable bowel syndrome in children.](#)

German medical science : GMS e-journal , Volume: 8 2010 Mar 2

Authors Martens U, Enck P, Zieseniss E

[In vitro antimicrobial activity and chemical composition of the essential oil of *Foeniculum vulgare* Mill.](#)

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

Authors Aprotosoae AC, Hancianu M, Poiata A, Tuchilus C, Spac A, Cioana O, Gille E, Stanescu U

[Ceftazidime, a pseudomonas-active cephalosporin: in-vitro antimicrobial activity evaluation including recommendations for disc diffusion susceptibility tests.](#)

The Journal of antimicrobial chemotherapy , Volume: 8 Suppl B 1981 Sep

Authors Jones RN, Barry AL, Thornsberry C, Gerlach EH, Fuchs PC, Gavan TL, Sommers HM

[Effects of a gluten-free diet on gut microbiota and immune function in healthy adult human subjects.](#)

The British journal of nutrition , Volume: 102 Issue: 8 2009 Oct

Authors De Palma G, Nadal I, Collado MC, Sanz Y

[Therapeutic potential of two probiotics in inflammatory bowel disease as observed in the trinitrobenzene sulfonic acid model of colitis.](#)

Diseases of the colon and rectum , Volume: 51 Issue: 12 2008 Dec

Authors Amit-Romach E, Uni Z, Reifen R

[Effect of thymol on microbial diversity in the porcine jejunum.](#)

International journal of food microbiology , Volume: 126 Issue: 1-2 2008 Aug 15

Authors Janczyk P, Trevisi P, Souffrant WB, Bosi P

[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

[\[Surveillance of antimicrobial resistance among nosocomial gram-negative pathogens from 15 teaching hospitals in China in 2005\].](#)

Zhonghua yi xue za zhi , Volume: 87 Issue: 39 2007 Oct 23

Authors Yang QW, Xu YC, Chen MJ, Hu YJ, Ni YX, Sun JY, Yu YS, Kong HS, He L, Wu WY, Ye HF, Yang YM, Zhu LN, Guo SH, Ji P, Zhu ZH, Ren JK, Zhang LX, Sun ZY, Zhu XH, Tong MQ, Zhao WS, Mei YN, Liu Y, Zhang ZI, Duan Q, Li D, Liu PP, Wang J, Han LX, Wang H, Xie XL

[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, Nlumbe P

[Vapor-phase activities of cinnamon, thyme, and oregano essential oils and key constituents against foodborne microorganisms.](#)

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

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

[Bacteremia in children at a regional hospital in Trinidad.](#)

International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases , Volume: 11 Issue: 2 2007 Mar

Authors Orrett FA,Changoor E

Antagonistic activity of probiotic lactobacilli and bifidobacteria against entero- and uropathogens.

Journal of applied microbiology , Volume: 100 Issue: 6 2006 Jun

Authors Hütt P,Shchepetova J,Löivukene K,Kullisaar T,Mikelsaar M

Antimicrobial and antiplasmid activities of essential oils.

Fitoterapia , Volume: 77 Issue: 4 2006 Jun

Authors Schelz Z,Molnar J,Hohmann J

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

Emerging resistance among bacterial pathogens in the intensive care unit—a European and North American Surveillance study (2000-2002).

Annals of clinical microbiology and antimicrobials , Volume: 3 2004 Jul 29

Authors Jones ME,Draghi DC,Thornsberry C,Karlowsky JA,Sahm DF,Wenzel RP

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.

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

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

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

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 .

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

[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

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

[Antagonistic interaction between Clostridium butyricum and enterohemorrhagic Escherichia coli O157:H7].

Kansenshogaku zasshi. The Journal of the Japanese Association for Infectious Diseases , Volume: 73 Issue: 1 1999 Jan

Authors Takahashi M,Taguchi H,Yamaguchi H,Osaki T,Sakazaki R,Kamiya S

[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,Pemán J

Microbiological examinations and in-vitro testing of different antibiotics in therapeutic endoscopy of the biliary system.

Endoscopy , Volume: 30 Issue: 8 1998 Oct

Authors Lorenz R,Herrmann M,Kassem AM,Lehn N,Neuhaus H,Classen M

Efficacy and safety of high dose intravenous ciprofloxacin in the treatment of bacterial pneumonia. Italian Ciprofloxacin Study Group.

International journal of antimicrobial agents , Volume: 10 Issue: 3 1998 Aug

Authors Periti P,Mazzei T,Curti ME

[Susceptibilities of bacteria isolated from patients with lower respiratory infectious diseases to antibiotics (1996)].

The Japanese journal of antibiotics , Volume: 51 Issue: 7 1998 Jul

Authors Ikemoto H,Watanabe K,Mori T,Igari J,Oguri T,Shimizu Y,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

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,Rosignol JF

[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

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

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

In-vitro activity of ofloxacin, a quinolone carboxylic acid compared to other quinolones and other antimicrobial agents.

The Journal of antimicrobial chemotherapy , Volume: 16 Issue: 5 1985 Nov

Authors Kumada T,Neu HC

[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

[Antimicrobial activity of omidazole and 6 other antibiotics against anaerobic bacteria].

Enfermedades infecciosas y microbiología clinica , Volume: 9 Issue: 4 1991 Apr

Authors Alados JC,Martínez-Brocal A,Miranda C,Rojo MD,García V,Domínguez MC,de la Rosa M

In vitro activities of 36 antimicrobial agents against clinically isolated Bacteroides fragilis.

Journal of the Formosan Medical Association = Taiwan yi zhi , Volume: 90 Issue: 8 1991 Aug

Authors Teng LJ,Ho SW,Chang SC,Luh KT,Hsieh WC

The effect of inulin and/or wheat bran in the diet during early life on intestinal health of broiler chicks

21st European Symposium on Poultry Nutrition (ESPN 2017) , Volume: Unpublished conference/Abstract Issue: Jan 2018

Authors Li, Bing

Infectious Disease and Antibimicrobial Agents

antimicrobe: Infectious Disease and Antibimicrobial Agents , Volume:

Authors E-Sun Technologies

Curated database of commensal, symbiotic and pathogenic microbiota

Generative Bioinformatics , Volume: Issue: 2014 Jun

Authors D'Adamo Peter

[Research cited on Manufacture Website].

Research cited on Manufacture Website , Volume: 0 Issue: 0 2018 Jan

Authors Miyarisan Labs

Additional APriori Analysis Available

Available at: <https://microbiomeprescription.com/Library/PubMed>

Abdominal Aortic Aneurysm
Acne
ADHD
Age-Related Macular Degeneration and Glaucoma
Allergic Rhinitis (Hay Fever)
Allergies
Allergy to milk products
Alopecia (Hair Loss)
Alzheimer's disease
Amyotrophic lateral sclerosis (ALS) Motor Neuron
Ankylosing spondylitis
Anorexia Nervosa
Antiphospholipid syndrome (APS)
Asthma
Atherosclerosis
Atrial fibrillation
Autism
Autoimmune Disease
Barrett esophagus cancer
benign prostatic hyperplasia
Bipolar Disorder
Brain Trauma
Breast Cancer
Cancer (General)
Carcinoma
cdk15 deficiency disorder
Celiac Disease
Cerebral Palsy
Chronic Fatigue Syndrome
Chronic Kidney Disease
Chronic Lyme
Chronic Obstructive Pulmonary Disease (COPD)
Chronic Urticaria (Hives)
Coagulation / Micro clot triggering bacteria
Colorectal Cancer
Constipation
Coronary artery disease
COVID-19
Crohn's Disease
cystic fibrosis
deep vein thrombosis
Depression
Dermatomyositis
Eczema
Endometriosis
Eosinophilic Esophagitis
Epilepsy
erectile dysfunction
Fibromyalgia
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
Halitosis

Hashimoto's thyroiditis
Heart Failure
Hemorrhoidal disease, Hemorrhoids, Piles
Hidradenitis Suppurativa
Histamine Issues
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
Juvenile idiopathic arthritis
Liver Cirrhosis
Long COVID
Low bone mineral density
Lung Cancer
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
Polycystic ovary syndrome
Postural orthostatic tachycardia syndrome
Premenstrual dysphoric disorder
primary biliary cholangitis
Psoriasis
rheumatoid arthritis (RA), Spondyloarthritis (SpA)
Rosacea
Schizophrenia
scoliosis
sensorineural hearing loss
Sjögren syndrome
Sleep Apnea
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