Microbiome Information for: Lung Cancer

For non-prescribing Medical professionals Review

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

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

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

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

---

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

In the USA
Ombre (https://www.ombrelab.com/)
Thorne (https://www.thorne.com/products/dp/gut-health-test)
***Worldwide*: BiomeSight (https://biomesight.com) - Discount Code 'MICRO'**

Analysis Provided by Microbiome Prescription

A Microbiome Analysis Company

892 Lake Samish Rd, Bellingham WA 98229
Email: Research@MicrobiomePrescription.com

Our Facebook Discussion Page

Bacteria being reported because of atypical values.

These bacteria were reported atypical in studies of Lung Cancer

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
Clostridia	*class*	Low	*186801*
Barnesiellaceae	*family*	Low	*2005519*
Lachnospiraceae	*family*	Low	*186803*
Oscillospiraceae	*family*	Low	*216572*
Tannerellaceae	*family*	Low	*2005525*
Anaerotruncus	*genus*	High	*244127*
Blautia	*genus*	Low	*572511*
Dorea	*genus*	Low	*189330*
Escherichia	*genus*	High	*561*
Hungatella	*genus*	High	*1649459*
Ruminococcus	*genus*	Low	*1263*
Shigella	*genus*	High	*620*
Eubacteriales	*order*	Low	*186802*
[Eubacterium] siraeum	*species*	Low	*39492*
Akkermansia muciniphila	*species*	Low	*239935*
Alistipes onderdonkii	*species*	Low	*328813*
Anaerobutyricum hallii	*species*	Low	*39488*
Bacteroides caccae	*species*	High	*47678*
Faecalibacterium prausnitzii	*species*	Low	*853*

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.

alcoholic beverages
Apple skin
bacillus amyloliquefaciens (probiotic) 1 BCFU/day
bentonite
bifidobacterium pseudocatenulatum li09,bifidobacterium catenulatum li10 (probiotics)
brassica juncea
camelina seed
candida albicans (prescription)
carboxymethyl cellulose (prebiotic)
colostrum
lactobacillus delbrueckii bulgaricus,bifidobacterium bifidum,enterococcus faecium,candida pintolopesii,aspergillus oryzae (probiotics)
lactobacillus salivarius (probiotics) 9 BCFU/day
lactulose
lard
l-citrulline
l-glutamine 5 gram/day
linseed(flaxseed) 30 mg/day
lupin kernel fiber (legume) (anaphylaxis risk, toxic if not prepared properly)
mannooligosaccharide (prebiotic) 8 gram/day
Methionine 5 gram/day
Psyllium (Plantago Ovata Husk) 6.8 gram/day
quercetin,resveratrol
rare meat
red alga Laurencia tristicha
smoking
sodium stearoyl lactylate
sorghum
stevia 800 mg/day
symbioflor 2 e.coli probiotics
Tributyrin
Vitamin B9,folic acid 5 mg/day

Retail Probiotics

Over 260 retail probiotics were evaluted with the following deem beneficial with no known adverse risks.

- **symbiopharm / symbioflo 2**
- **Bromatech (IT) / Acronelle**
- **klaire labs / target gb-x**
- **Sash Vitality /Bio-Cultures Probiotics for Adults**
- **SuperSmart / Vaginal Health**
- **CustomProbiotics.com / L. Salivarius Probiotic Powder**
- **Nu U (uk) /Bio-Cultures Complex**
- **Maple Life Science™ / Lactobacillus salivarius**
- **wakamoto (jp) / strong wakamoto w**
- **HLH BIOPHARMA(DE) / LACTOBACT ® OMNI FOS**
- **Metabolics / Lactobacillus Salivarius Powder**
- **ecology_allergycare**

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

Substance to Consider Reducing or Eliminating

These are the most signigicant 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.

arabinogalactan (prebiotic)
bacillus subtilis (probiotics)
barley
bifidobacterium longum (probiotics)
fasting
garlic (allium sativum)
inulin (prebiotic)
lactobacillus paracasei (probiotics)
lactobacillus plantarum (probiotics)
lactobacillus reuteri (probiotics)
lactobacillus rhamnosus gg (probiotics)
quebracho
resistant starch
saccharomyces boulardii (probiotics)
soy
vitamin d
wheat

Sample of Literature Used

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

Gut microbial signature in lung cancer patients highlights specific taxa as predictors for durable clinical benefit.
Scientific reports , Volume: 13 Issue: 1 2023 Feb 3
Authors Haberman Y,Kamer I,Amir A,Goldenberg S,Efroni G,Daniel-Meshulam I,Lobachov A,Daher S,Hadar R,Gantz-Sorotsky H,Urban D,Braun T,Bar J

Attempting to Identify Bacterial Allies in Immunotherapy of NSCLC Patients.
Cancers , Volume: 14 Issue: 24 2022 Dec 19
Authors Grenda A,Iwan E,Krawczyk P,Frak M,Chmielewska I,Bomba A,Giza A,Rolska-Kopinska A,Szczyrek M,Kieszko R,Kucharczyk T,Jarosz B,Wasyl D,Milanowski J

Impact of Gut Dysbiosis on the Risk of Non-Small-Cell Lung Cancer.
International journal of environmental research and public health , Volume: 19 Issue: 23 2022 Nov 30
Authors Wei YF,Huang MS,Huang CH,Yeh YT,Hung CH

Cancer Cachexia among Patients with Advanced Non-Small-Cell Lung Cancer on Immunotherapy: An Observational Study with Exploratory Gut Microbiota Analysis.
Cancers , Volume: 14 Issue: 21 2022 Nov 2
Authors Hakozaki T,Nolin-Lapalme A,Kogawa M,Okuma Y,Nakamura S,Moreau-Amaru D,Tamura T,Hosomi Y,Takeyama H,Richard C,Hosokawa M,Routy B

Gut microbiota diversity and specific composition during immunotherapy in responders with non-small cell lung cancer.
Frontiers in molecular biosciences , Volume: 9 2022
Authors Shoji F,Yamaguchi M,Okamoto M,Takamori S,Yamazaki K,Okamoto T,Maehara Y

Gut Microbiome Is Associated With the Response to Chemoradiotherapy in Patients With Non-small Cell Lung Cancer.
International journal of radiation oncology, biology, physics , Volume: 115 Issue: 2 2023 Feb 1
Authors Qiu B,Xi Y,Liu F,Li Y,Xie X,Guo J,Guo S,Wu Y,Wu L,Liang T,Ding Y,Zhang J,Wu Q,Liu H

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-Wurttemberg, 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

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

Phlorizin Mitigates Dextran Sulfate Sodium-Induced Colitis in Mice by Modulating Gut Microbiota and Inhibiting Ferroptosis.
Journal of agricultural and food chemistry , 2023 Oct 19
Authors Cheng J,Liu D,Huang Y,Chen L,Li Y,Yang Z,Fu S,Hu G

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

Bovine Colostrum Supplementation Modulates the Intestinal Microbial Community in Rabbits.
Animals : an open access journal from MDPI , Volume: 13 Issue: 6 2023 Mar 8
Authors Agradi S,Cremonesi P,Menchetti L,Balzaretti C,Severgnini M,Riva F,Castiglioni B,Draghi S,Di Giancamillo A,Castrica M,Vigo D,Modina SC,Serra V,Quattrone A,Angelucci E,Pastorelli G,Curone G,Brecchia G

Effects of a Saccharomyces cerevisiae fermentation product on fecal characteristics, metabolite concentrations, and microbiota populations of dogs subjected to exercise challenge.
Journal of animal science , 2022 Dec 27
Authors Oba PM,Carroll MQ,Sieja KM,Nogueira JPS,Yang X,Epp TY,Warzecha CM,Varney JL,Fowler JW,Coon CN,Swanson KS

Folic acid attenuates chronic visceral pain by reducing Clostridiales abundance and hydrogen sulfide production.
Molecular pain , 2022 Dec 22
Authors Weng RX,Wei YX,Li YC,Xu X,Zhuang JB,Xu GY,Li R

Evaluation of the Effects of a Short Supplementation With Tannins on the Gut Microbiota of Healthy Subjects.
Frontiers in microbiology , Volume: 13 2022

Authors Molino S,Lerma-Aguilera A,Jiménez-Hernández N,Rufián Henares JÁ,Francino MP
Effects of a blend of chestnut and quebracho tannins on gut health and performance of broiler chickens.
PloS one , Volume: 17 Issue: 1 2022
Authors Redondo EA,Redondo LM,Bruzzone OA,Diaz-Carrasco JM,Cabral C,Garces VM,Liñeiro MM,Fernandez-Miyakawa ME
Gut microbiota modulation as a possible mediating mechanism for fasting-induced alleviation of metabolic complications: a systematic review.
Nutrition & metabolism , Volume: 18 Issue: 1 2021 Dec 14
Authors Angoorani P,Ejtahed HS,Hasani-Ranjbar S,Siadat SD,Soroush AR,Larijani B
Bacillus subtilis Attenuates Hepatic and Intestinal Injuries and Modulates Gut Microbiota and Gene Expression Profiles in Mice Infected with *Schistosoma japonicum*.
Frontiers in cell and developmental biology , Volume: 9 2021
Authors Lin D,Song Q,Zhang Y,Liu J,Chen F,Du S,Xiang S,Wang L,Wu X,Sun X
Gut microbiome and metabolome in a non-human primate model of chronic excessive alcohol drinking.
Translational psychiatry , Volume: 11 Issue: 1 2021 Dec 1
Authors Piacentino D,Grant-Beurmann S,Vizioli C,Li X,Moore CF,Ruiz-Rodado V,Lee MR,Joseph PV,Fraser CM,Weerts EM,Leggio L
The Association between Vitamin D and Gut Microbiota: A Systematic Review of Human Studies.
Nutrients , Volume: 13 Issue: 10 2021 Sep 26
Authors Bellerba F,Muzio V,Gnagnarella P,Facciotti F,Chiocca S,Bossi P,Cortinovis D,Chiaradonna F,Serrano D,Raimondi S,Zerbato B,Palorini R,Canova S,Gaeta A,Gandini S
Treatment with a spore-based probiotic containing five strains of Bacillus induced changes in the metabolic activity and community composition of the gut microbiota in a SHIME® model of the human gastrointestinal system.
Food research international (Ottawa, Ont.) , Volume: 149 2021 Nov
Authors Marzorati M,Van den Abbeele P,Bubeck S,Bayne T,Krishnan K,Young A
Bacillus pumilus and *Bacillus subtilis* Promote Early Maturation of Cecal Microbiota in Broiler Chickens.
Microorganisms , Volume: 9 Issue: 9 2021 Sep 7
Authors Bilal M,Achard C,Barbe F,Chevaux E,Ronholm J,Zhao X
Intake of *Koji Amazake* Improves Defecation Frequency in Healthy Adults.
Journal of fungi (Basel, Switzerland) , Volume: 7 Issue: 9 2021 Sep 21
Authors Kurahashi A,Enomoto T,Oguro Y,Kojima-Nakamura A,Kodaira K,Watanabe K,Ozaki N,Goto H,Hirayama M
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
Dietary and Pharmacologic Manipulations of Host Lipids and Their Interaction With the Gut Microbiome in Non-human Primates.
Frontiers in medicine , Volume: 8 2021
Authors Lang JM,Sedgeman LR,Cai L,Layne JD,Wang Z,Pan C,Lee R,Temel RE,Lusis AJ
Lacticaseibacillus paracasei NK112 mitigates *Escherichia coli*-induced depression and cognitive impairment in mice by regulating IL-6 expression and gut microbiota.
Beneficial microbes , 2021 Sep 13
Authors Yun SW,Kim JK,Han MJ,Kim DH
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
Concentrated Raw Fibers Enhance the Fiber-Degrading Capacity of a Synthetic Human Gut Microbiome.
International journal of molecular sciences , Volume: 22 Issue: 13 2021 Jun 25
Authors Steimle A,Neumann M,Grant ET,Turner JD,Desai MS
Effects of *Bacillus amyloliquefaciens* Instead of Antibiotics on Growth Performance, Intestinal Health, and Intestinal Microbiota of Broilers.
Frontiers in veterinary science , Volume: 8 2021
Authors Wang B,Zhou Y,Tang L,Zeng Z,Gong L,Wu Y,Li WF
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
Beneficial gut microbiome remodeled during intermittent fasting in humans.
Rejuvenation research , 2021 May 27
Authors Larrick JW,Mendelsohn AR,Larrick J

Cholecalciferol Supplementation Does Not Prevent the Development of Metabolic Syndrome or Enhance the Beneficial Effects of Omega-3 Fatty Acids in Obese Mice.

The Journal of nutrition , 2021 Apr 13

Authors Valle M,Mitchell PL,Pilon G,St-Pierre P,Varin T,Richard D,Vohl MC,Jacques H,Delvin E,Levy E,Gagnon C,Bazinet L,Marette A

Implications of Tributyrin on Gut Microbiota Shifts Related to Performances of Weaning Piglets.

Microorganisms , Volume: 9 Issue: 3 2021 Mar 12

Authors Miragoli F,Patrone V,Prandini A,Sigolo S,Dell`Anno M,Rossi L,Senizza A,Morelli L,Callegari ML

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 colon-targeted vitamins on the composition and metabolic activity of the human gut microbiome- a pilot study.

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

Authors Pham VT,Fehlbaum S,Seifert N,Richard N,Bruins MJ,Sybesma W,Rehman A,Steinert RE

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

Frontiers in microbiology , Volume: 11 2020

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

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

The potential role of vitamin D supplementation as a gut microbiota modifier in healthy individuals.

Scientific reports , Volume: 10 Issue: 1 2020 Dec 10

Authors Singh P,Rawat A,Alwakeel M,Sharif E,Al Khodor S

The Osteoporosis/Microbiota Linkage: The Role of miRNA.

International journal of molecular sciences , Volume: 21 Issue: 23 2020 Nov 24

Authors De Martinis M,Ginaldi L,Allegra A,Sirufo MM,Pioggia G,Tonacci A,Gangemi S

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

Vitamin D Supplementation in Laboratory-Bred Mice: An In Vivo Assay on Gut Microbiome and Body Weight.

Microbiology insights , Volume: 13 2020

Authors Badger-Emeka LI,AlJaziri ZY,Almulhim CF,Aldrees AS,AlShakhs ZH,AlAithan RI,Alothman FA

Dietary Emulsifier Sodium Stearoyl Lactylate Alters Gut Microbiota in vitro and Inhibits Bacterial Butyrate Producers.

Frontiers in microbiology , Volume: 11 2020

Authors Elmén L,Zlamal JE,Scott DA,Lee RB,Chen DJ,Colas AR,Rodionov DA,Peterson SN

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

Lactobacillus reuteri NK33 and Bifidobacterium adolescentis NK98 alleviate Escherichia coli-induced depression and gut dysbiosis in mice.

Journal of microbiology and biotechnology , 2020 Apr 29

Authors Han SK,Kim JK,Joo MK,Lee KE,Han SW,Kim DH

Conserved and variable responses of the gut microbiome to resistant starch type 2.

Nutrition research (New York, N.Y.) , Volume: 77 2020 Feb 22

Authors Bendiks ZA,Knudsen KEB,Keenan MJ,Marco ML

Islamic fasting leads to an increased abundance of Akkermansia muciniphila and Bacteroides fragilis group: A preliminary study on intermittent fasting.

The Turkish journal of gastroenterology : the official journal of Turkish Society of Gastroenterology , Volume: 30 Issue: 12 2019 Dec

Authors Özkul C,Yalinay M,Karakan T

Effect of Vitamin D Supplementation on Faecal Microbiota: A Randomised Clinical Trial.

Nutrients , Volume: 11 Issue: 12 2019 Nov 27

Authors Naderpoor N,Mousa A,Fernanda Gomez Arango L,Barrett HL,Dekker Nitert M,de Courten B

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
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
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
Dietary methionine restriction improves the gut microbiota and reduces intestinal permeability and inflammation in high-fat-fed mice.
Food & function , Volume: 10 Issue: 9 2019 Sep 1
Authors Yang Y,Zhang Y,Xu Y,Luo T,Ge Y,Jiang Y,Shi Y,Sun J,Le G
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
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
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
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
Spent Coffee Grounds Extract, Rich in Mannooligosaccharides, Promotes a Healthier Gut Microbial Community in a Dose-Dependent Manner.
Journal of agricultural and food chemistry , Volume: 67 Issue: 9 2019 Mar 6
Authors Pérez-Burillo S,Pastoriza S,Fernández-Arteaga A,Luzón G,Jiménez-Hernández N,D`Auria G,Francino MP,Rufián-Henares JÁ
Intestinal Morphologic and Microbiota Responses to Dietary Bacillus spp. in a Broiler Chicken Model.
Frontiers in physiology , Volume: 9 2018
Authors Li CL,Wang J,Zhang HJ,Wu SG,Hui QR,Yang CB,Fang RJ,Qi GH
Strategies to promote abundance of Akkermansia muciniphila, an emerging probiotics in the gut, evidence from dietary intervention studies.
Journal of functional foods , Volume: 33 2017 Jun
Authors Zhou K
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
Simultaneous Supplementation of Bacillus subtilis and Antibiotic Growth Promoters by Stages Improved Intestinal Function of Pullets by Altering Gut Microbiota.
Frontiers in microbiology , Volume: 9 2018
Authors Li X,Wu S,Li X,Yan T,Duan Y,Yang X,Duan Y,Sun Q,Yang X
Supplemental Bacillus subtilis DSM 32315 manipulates intestinal structure and microbial composition in broiler chickens.
Scientific reports , Volume: 8 Issue: 1 2018 Oct 18
Authors Ma Y,Wang W,Zhang H,Wang J,Zhang W,Gao J,Wu S,Qi G
Metagenomic Insights into the Degradation of Resistant Starch by Human Gut Microbiota.
Applied and environmental microbiology , Volume: 84 Issue: 23 2018 Dec 1
Authors Vital M,Howe A,Bergeron N,Krauss RM,Jansson JK,Tiedje JM
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

Fiber Supplements Derived From Sugarcane Stem, Wheat Dextrin and Psyllium Husk Have Different In Vitro Effects on the Human Gut Microbiota.

Frontiers in microbiology , Volume: 9 2018

Authors Gamage HKAH,Tetu SG,Chong RWW,Bucio-Noble D,Rosewarne CP,Kautto L,Ball MS,Molloy MP,Packer NH,Paulsen IT

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

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 Lactobacillus reuteri in Human Health and Diseases.

Frontiers in microbiology , Volume: 9 2018

Authors Mu Q,Tavella VJ,Luo XM

Fecal microbiome composition and stability in 4- to 8-year old children is associated with dietary patterns and nutrient intake.

The Journal of nutritional biochemistry , Volume: 56 2018 Jun

Authors Berding K,Holscher HD,Arthur AE,Donovan SM

Effects of dietary Bacillus amyloliquefaciens supplementation on growth performance, intestinal morphology, inflammatory response, and microbiota of intra-uterine growth retarded weanling piglets.

Journal of animal science and biotechnology , Volume: 9 2018

Authors Li Y,Zhang H,Su W,Ying Z,Chen Y,Zhang L,Lu Z,Wang T

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

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

Impact of Chestnut and Quebracho Tannins on Rumen Microbiota of Bovines.

BioMed research international , Volume: 2017 2017

Authors Díaz Carrasco JM,Cabral C,Redondo LM,Pin Viso ND,Colombatto D,Farber MD,Fernández Miyakawa ME

Effects of Bentonite Bgp35b-p on the Gut Microbiota of Mice Fed a High-Fat Diet.

Journal of the science of food and agriculture , 2018 Feb 7

Authors Lee ES,Song EJ,Lee SY,Park SL,Kim D,Kim D,Kim JH,Lim SI,Nam YD

Effect of Probiotics on Pharmacokinetics of Orally Administered Acetaminophen in Mice.

Drug metabolism and disposition: the biological fate of chemicals , Volume: 46 Issue: 2 2018 Feb

Authors Kim JK,Choi MS,Jeong JJ,Lim SM,Kim IS,Yoo HH,Kim DH

Camelina Seed Supplementation at Two Dietary Fat Levels Change Ruminal Bacterial Community Composition in a Dual-Flow Continuous Culture System.

Frontiers in microbiology , Volume: 8 2017

Authors Dai X,Weimer PJ,Dill-McFarland KA,Brandao VLN,Suen G,Faciola AP

A combination of quercetin and resveratrol reduces obesity in high-fat diet-fed rats by modulation of gut microbiota.

Food & function , Volume: 8 Issue: 12 2017 Dec 13

Authors Zhao L,Zhang Q,Ma W,Tian F,Shen H,Zhou M

Effects of microencapsulated Lactobacillus plantarum LIP-1 on the gut microbiota of hyperlipidaemic rats.

The British journal of nutrition , Volume: 118 Issue: 7 2017 Oct

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

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

Bifidobacterium pseudocatenulatum LI09 and Bifidobacterium catenulatum LI10 attenuate D-galactosamine-induced liver injury by modifying the gut microbiota

Scientific Reports , Volume: 7 2017 Aug 18

Authors Fang D,Shi D,Lv L,Gu S,Wu W,Chen Y,Guo J,Li A,Hu X,Guo F,Ye J,Li Y,Li L

Beef, Chicken, and Soy Proteins in Diets Induce Different Gut Microbiota and Metabolites in Rats.

Frontiers in microbiology , Volume: 8 2017

Authors Zhu Y,Shi X,Lin X,Ye K,Xu X,Li C,Zhou G

Effect of Soy Isoflavones on Growth of Representative Bacterial Species from the Human Gut.

Nutrients , Volume: 9 Issue: 7 2017 Jul 8

Authors Vázquez L,Flórez AB,Guadamuro L,Mayo B

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 JI

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

Consumption of a diet rich in Brassica vegetables is associated with a reduced abundance of sulphate-reducing bacteria: A randomised crossover study.

Molecular nutrition & food research , Volume: 61 Issue: 9 2017 Sep

Authors Kellingray L,Tapp HS,Saha S,Doleman JF,Narbad A,Mithen RF

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

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

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

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

Short communication: Modulation of the small intestinal microbial community composition over short-term or long-term administration with Lactobacillus plantarum ZDY2013.

Journal of dairy science , Volume: 99 Issue: 9 2016 Sep

Authors Xie Q,Pan M,Huang R,Tian X,Tao X,Shah NP,Wei H,Wan C

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,Papagaroufalis 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

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

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

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

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

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

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

Membrane filter method to study the effects of Lactobacillus acidophilus and Bifidobacterium longum on fecal microbiota.

Microbiology and immunology , Volume: 59 Issue: 11 2015 Nov

Authors Shimizu H,Benno Y

Effect of Bacillus subtilis CGMCC 1.1086 on the growth performance and intestinal microbiota of broilers.

Journal of applied microbiology , Volume: 120 Issue: 1 2016 Jan

Authors Li Y,Xu Q,Huang Z,Lv L,Liu X,Yin C,Yan H,Yuan J
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,Gozzi G,Maranzano V,Di Cagno R,Gobbetti M,Gesualdo L
Candida albicans commensalism in the gastrointestinal tract.
FEMS yeast research , Volume: 15 Issue: 7 2015 Nov
Authors Neville BA,d`Enfert C,Bougnoux ME
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
Equol status and changes in fecal microbiota in menopausal women receiving long-term treatment for menopause symptoms with a soy-isoflavone concentrate.
Frontiers in microbiology , Volume: 6 2015
Authors Guadamuro L,Delgado S,Redruello B,Flórez AB,Suárez A,Martínez-Camblor P,Mayo B
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
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
Effects of Lactobacillus salivarius Ren on cancer prevention and intestinal microbiota in 1, 2-dimethylhydrazine-induced rat model.
Journal of microbiology (Seoul, Korea) , Volume: 53 Issue: 6 2015 Jun
Authors Zhang M,Fan X,Fang B,Zhu C,Zhu J,Ren F
Effects of dietary linseed oil and propionate precursors on ruminal microbial community, composition, and diversity in Yanbian yellow cattle.
PloS one , Volume: 10 Issue: 5 2015
Authors Li XZ,Park BK,Shin JS,Choi SH,Smith SB,Yan CG
Oral supplementation with L-glutamine alters gut microbiota of obese and overweight adults: A pilot study.
Nutrition (Burbank, Los Angeles County, Calif.) , Volume: 31 Issue: 6 2015 Jun
Authors de Souza AZ,Zambom AZ,Abboud KY,Reis SK,Tannihão F,Guadagnini D,Saad MJ,Prada PO
Polyphenol-rich sorghum brans alter colon microbiota and impact species diversity and species richness after multiple bouts of dextran sodium sulfate-induced colitis.
FEMS microbiology ecology , Volume: 91 Issue: 3 2015 Mar
Authors Ritchie LE,Sturino JM,Carroll RJ,Rooney LW,Azcarate-Peril MA,Turner ND
Increased gut microbiota diversity and abundance of Faecalibacterium prausnitzii and Akkermansia after fasting: a pilot study.
Wiener klinische Wochenschrift , Volume: 127 Issue: 9-10 2015 May
Authors Remely M,Hippe B,Geretschlaeger I,Stegmayer S,Hoefinger I,Haslberger A
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
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
Diets high in resistant starch and arabinoxylan modulate digestion processes and SCFA pool size in the large intestine and faecal microbial composition in pigs.

The British journal of nutrition , Volume: 112 Issue: 11 2014 Dec 14
Authors Nielsen TS,Lærke HN,Theil PK,Sørensen JF,Saarinen M,Forssten S,Knudsen KE
Active dry Saccharomyces cerevisiae can alleviate the effect of subacute ruminal acidosis in lactating dairy cows.
Journal of dairy science , Volume: 97 Issue: 12 2014 Dec
Authors AlZahal O,Dionissopoulos L,Laarman AH,Walker N,McBride BW
Effect of Bacillus subtilis C-3102 spores as a probiotic feed supplement on growth performance, noxious gas emission, and intestinal microflora in broilers.
Poultry science , Volume: 93 Issue: 12 2014 Dec
Authors Jeong JS,Kim IH
Dietary supplementation with soybean oligosaccharides increases short-chain fatty acids but decreases protein-derived catabolites in the intestinal luminal content of weaned Huanjiang mini-piglets.
Nutrition research (New York, N.Y.) , Volume: 34 Issue: 9 2014 Sep
Authors Zhou XL,Kong XF,Lian GQ,Blachier F,Geng MM,Yin YL
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
Smoking cessation alters intestinal microbiota: insights from quantitative investigations on human fecal samples using FISH.
Inflammatory bowel diseases , Volume: 20 Issue: 9 2014 Sep
Authors Biedermann L,Brülisauer K,Zeitz J,Frei P,Scharl M,Vavricka SR,Fried M,Loessner MJ,Rogler G,Schuppler M
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
RNA-stable-isotope probing shows utilization of carbon from inulin by specific bacterial populations in the rat large bowel.
Applied and environmental microbiology , Volume: 80 Issue: 7 2014 Apr
Authors Tannock GW,Lawley B,Munro K,Sims IM,Lee J,Butts CA,Roy N
Lactobacillus paracasei subsp. paracasei LC01 positively modulates intestinal microflora in healthy young adults.
Journal of microbiology (Seoul, Korea) , Volume: 51 Issue: 6 2013 Dec
Authors Zhang H,Sun J,Liu X,Hong C,Zhu Y,Liu A,Li S,Guo H,Ren F
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
Effects of dietary supplementation of Bacillus amyloliquefaciens CECT 5940 and Enterococcus faecium CECT 4515 in adult healthy dogs.
Archives of animal nutrition , Volume: 67 Issue: 5 2013
Authors González-Ortiz G,Castillejos L,Mallo JJ,Àngels Calvo-Torras M,Dolores Baucells M
Effect of Lactobacillus salivarius Ls-33 on fecal microbiota in obese adolescents.
Clinical nutrition (Edinburgh, Scotland) , Volume: 32 Issue: 6 2013 Dec
Authors Larsen N,Vogensen FK,Gøbel RJ,Michaelsen KF,Forssten SD,Lahtinen SJ,Jakobsen M
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
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
Effect of Lactobacillus salivarius bacteriocin Abp118 on the mouse and pig intestinal microbiota.
PloS one , Volume: 7 Issue: 2 2012
Authors Riboulet-Bisson E,Sturme MH,Jeffery IB,O`Donnell MM,Neville BA,Forde BM,Claesson MJ,Harris H,Gardiner GE,Casey PG,Lawlor PG,O`Toole PW,Ross RP
Arabinoxylans and inulin differentially modulate the mucosal and luminal gut microbiota and mucin-degradation in humanized rats.

Environmental microbiology , Volume: 13 Issue: 10 2011 Oct
Authors Van den Abbeele P,Gérard P,Rabot S,Bruneau A,El Aidy S,Derrien M,Kleerebezem M,Zoetendal EG,Smidt H,Verstraete W,Van de Wiele T,Possemiers 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
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 LM,Holtrop G,Ze X,Brown D,Stares MD,Scott P,Bergerat A,Louis P,McIntosh F,Johnstone AM,Lobley GE,Parkhill J,Flint HJ
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
Comparisons of subgingival microbial profiles of refractory periodontitis, severe periodontitis, and periodontal health using the human oral microbe identification microarray.
Journal of periodontology , Volume: 80 Issue: 9 2009 Sep
Authors Colombo AP,Boches SK,Cotton SL,Goodson JM,Kent R,Haffajee AD,Socransky SS,Hasturk H,Van Dyke TE,Dewhirst F,Paster BJ
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
Exopolysaccharides produced by intestinal Bifidobacterium strains act as fermentable substrates for human intestinal bacteria.
Applied and environmental microbiology , Volume: 74 Issue: 15 2008 Aug
Authors Salazar N,Gueimonde M,Hernández-Barranco AM,Ruas-Madiedo P,de los Reyes-Gavilán CG
Lupin kernel fiber consumption modifies fecal microbiota in healthy men as determined by rRNA gene fluorescent in situ hybridization.
European journal of nutrition , Volume: 45 Issue: 6 2006 Sep
Authors Smith SC,Choy R,Johnson SK,Hall RS,Wildeboer-Veloo AC,Welling GW
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,Lõivukene K,Kullisaar T,Mikelsaar M
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
The fermentation of lactulose by colonic bacteria.
Journal of general microbiology , Volume: 128 Issue: 2 1982 Feb
Authors Sahota SS,Bramley PM,Menzies IS
Misc articles
WebMd.com , Volume: Issue: Jan 2018
Authors WebMd.com
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
Additional sources and private correspondance
Private Correspondance , Volume: 1 Issue: 2018
Curated database of commensal, symbiotic and pathogenic microbiota
Generative Bioinformatics , Volume: Issue: 2014 Jun
Authors D'Adamo Peter

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
cdkl5 deficiency disorder
Celiac Disease
Cerebral Palsy
Chronic Fatigue Syndrome
Chronic Kidney Disease
Chronic Lyme
Chronic Obstructive Pulmonary Disease (COPD)
Chronic Urticaria (Hives)
Coagulation / Micro clot triggering bacteria
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