

Microbiome Information for: pancreatic 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 *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 pancreatic 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
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Oscillospiraceae	family	High	216572
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Odoribacter	genus	High	283168
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Bacteria Name	Rank	Shift	Taxonomy ID
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Ruminiclostridium	genus	High	1508657
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Senegalimassilia	genus	Low	1473205
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Streptococcus	genus	High	1301
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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		lactobacillus rhamnosus
amaranth		gg,lactobacillus,rhamnosus,propionibacterium
apple		freudenreichii,bifidobacterium breve (probiotics)
arabinogalactan (prebiotic)	21 gram/day	lactulose
aspartame (sweetner)		Moringa Oleifera
bacillus subtilis (probiotics)	10 BCFU/day	oligosaccharides (prebiotic)
berberine	1.5 gram/day	quebracho
Bofutsushosan		quercetin,resveratrol
brown rice		raffinose(sugar beet)
chestnut tannins		resistant starch
chondrus crispus,red sea weed		saccharomyces boulardii (probiotics)
fat		6 BCFU/day
fruit		sarcoditheca gaudichaudii (red sea weed)
Fruits (Cooked)		tea
Goji (berry,juice)		Tributylin
gynostemma pentaphyllum (Jiaogulan)		Ursolic acid
ku ding cha tea		vitamin a
lactobacillus gasseri (probiotics)	10 BCFU/day	25000 IU/day
		Vitamin C (ascorbic acid)
		30 g/day
		vsl#3 (probiotics)
		walnuts
		75 gram/day
		zinc
		300 mg/day

Retail Probiotics

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

Realdose
 probiotic pur (de) / realdose nutrition
 nature's instincts / ultra spore probiotic
 microbiome labs / restorflora
 INVIVO THERAPEUTICS / Bio.Me IB +
 Bromatech (IT) / Enterelle
 organic 3 / primal soil
 SuperSmart / Bacillus Subtilis
 powerlabs (au) / ultra blend
 aor / probiotic-3
 vitamin angels / just thrive
 florastor / florastor
 BIO-BOTANICAL RESEARCH / Megacidin
 reserveage nutrition / beautiflora
 amy meyers / primal earth probiotic
 Jetson / Gut Prep
 philips / colon health
 imaglin / NutriLots Replenish
 Jetson / FIT
 Prescript-Assist@/SBO Probiotic
 optibac / saccharomyces boulardii
 wakamoto (jp) / wakamoto pharmaceutical intestinal drug
 enviromedica terraflora sbo probiotic
 spain (es) / ultralevura
 organic 3 / yeastbiotic
 corebiotic
 mwsb / candida yeast support
 microbiome labs/ megasporebiotic
 CustomProbiotics.com / L. Gasseri Probiotic Powder
 claire labs / biospora
 Bromatech / ENTERELLE PLUS
 Energybalance / ColoBiotica 28 Colon Support
 SuperSmart / Saccharomyces Boulardii
 microbiome labs / hu58
 blackmore (au) / probiotics+ bowel support
 Schwabe Pharma Italia / AxiBoulardi
 perfect pass / perfect pass probiotic bacillus spore
 NaturalPharma / Profit Probiotics
 SuperSmart / Lactobacillus Gasseri
 global health trax / threelac
 spain (es) / axiboulardi
 Law of Nature / Best Days Formula
 bio-botanical research / proflora4r restorative probiotic

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.

Arbutin (polyphenol)	peppermint (spice, oil)
cinnamon (oil, spice)	retinoic acid,(Vitamin A derivative)
diosmin,(polyphenol)	rosmarinus officinalis,rosemary
galacto-oligosaccharides (prebiotic)	stevia
garlic (allium sativum)	Sumac(Rhus coriaria)
glycerol monolaurate (Monolaurin)	syzygium aromaticum (clove)
Guaiacol (polyphenol)	thyme (thymol, thyme oil)
Hesperidin (polyphenol)	trachyspermum ammi, Ajwain
Human milk oligosaccharides (prebiotic, Holigos, Stachyose)	Umeboshi (Japanese Apricot or Prunus mume)
lactobacillus kefir (NOT KEFIR)	Vitamin B1,thiamine hydrochloride
lactobacillus paracasei (probiotics)	Vitamin B-12
lactobacillus rhamnosus (probiotics)	vitamin B3,niacin
lactobacillus salivarius (probiotics)	Vitamin B6,pyridoxine hydrochloride
luteolin (flavonoid)	vitamin B7, biotin
melatonin supplement	Vitamin B9,folic acid
N-Acetyl Cysteine (NAC),	vitamin d
neem	Vitamin E

Sample of Literature Used

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Abdominal Aortic Aneurysm

Acne

ADHD

Age-Related Macular Degeneration and Glaucoma

Allergic Rhinitis (Hay Fever)

Allergies

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

Carcinoma

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

Gout

Graves' disease

Hashimoto's thyroiditis

Heart Failure

Hidradenitis Suppurativa

Histamine Issues, Mast Cell Issue, DAO Insufficiency

hypercholesterolemia (High Cholesterol)
hyperglycemia
Hyperlipidemia (High Blood Fats)
hypersomnia
hypertension (High Blood Pressure)
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
ME/CFS with IBS
ME/CFS without IBS
Menopause
Metabolic Syndrome
Mood Disorders
Multiple Sclerosis
Multiple system atrophy (MSA)
myasthenia gravis
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