

Microbiome Information for: Tic Disorder

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

Bacteria being reported because of atypical values.

These bacteria were reported atypical in studies of Tic Disorder

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
Oscillospiraceae	family	High	216572	Catenibacterium mitsuokai	species	Low	100886
Prevotellaceae	family	Low	171552	Dialister succinatiphilus	species	Low	487173
Bifidobacterium	genus	Low	1678	Holdemanella biformis	species	Low	1735
Catenibacterium	genus	Low	135858	Intestinibacter bartlettii	species	Low	261299
Collinsella	genus	Low	102106	Phocaeicola coprocola	species	Low	310298
Coprobacillus	genus	High	100883	Phocaeicola plebeius	species	High	310297
Dorea	genus	Low	189330	Phocaeicola vulgatus	species	High	821
Faecalibacterium	genus	High	216851	Prevotella copri	species	Low	165179
Odoribacter	genus	High	283168	Prevotella stercorea	species	Low	363265
Ruminococcus	genus	High	1263	Roseburia faecis	species	Low	301302
Allisonella histaminiformans	species	Low	209880	Streptococcus lutetiensis	species	Low	150055
				Subdoligranulum variabile	species	Low	214851

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.

(-) -levobunolol hydrochloride,(prescription)
 (-)-emtricitabine,(prescription)
 (-)-eseroline fumarate salt,(prescription)
 (-)-isoproterenol hydrochloride,(prescription)
 (-)-mk 801 hydrogen maleate,(prescription)
 (+) -levobunolol hydrochloride,(prescription)
 (+)-isoproterenol (+)-bitartrate salt,(prescription)
 (+;-)-octopamine hydrochloride,(prescription)
 (+;-)-synephrine,(prescription)
 (r) -naproxen sodium salt,(prescription)
 (r)(+)-atenolol,(prescription)
 (r)-propranolol hydrochloride,(prescription)
 (s)(-)-atenolol,(prescription)
 (s)(-)-**cycloserine (antibiotic)**
 (s)-propranolol hydrochloride,(prescription)
2-aminobenzenesulfonamide (antibiotic)
 2-chloropyrazine non-drug
 3-alpha-hydroxy-5-beta-androstan-17-one,(prescription)
4-aminosalicylic acid (antibiotic)
 5-fluorouracil,(prescription)
 6-furfurylamino-purine non-drug
 abacavir sulfate,(prescription)
 acamprosate calcium,(prescription)
 acebutolol hydrochloride,(prescription)
 aceclidine hydrochloride,(prescription)
 acedofenac,(prescription)
 acefylline,(prescription)
 acemetacin,(prescription)
 acenocoumarol,(prescription)
 acetaminophen,(prescription) Paracetamol in UK
 acetazolamide,(prescription)
 acetohexamide,(prescription)
 acetopromazine maleate salt,(prescription)
 acetylsalicylic acid non-drug
 acipimox,(prescription)
 acitretin,(prescription)
 acyclovir,(prescription)
 adamantamine fumarate,(prescription)
 adenosine 5`-monophosphate monohydrate non-drug
 adiphenine hydrochloride,(prescription)
 adrenosterone,(prescription)
 aldometasone dipropionate,(prescription)
 alcuronium chloride,(prescription)
 alendronate sodium,(prescription)
 alfadolone acetate,(prescription)
 alfaxalone,(prescription)
isoniazid (antibiotic)
 isopropamide iodide,(prescription)
isopyrin hydrochloride non-drug
isoquinoline; 6;7-dimethoxy-1-methyl-1;2;3;4-tetrahydro; hydrochloride non-drug
 isosorbide mononitrate,(prescription)
 isotretinoin,(prescription)
 isoxicam,(prescription)
 isoxsuprine hydrochloride,(prescription)
 isradipine,(prescription)
 itopride,(prescription)
 itraconazole,(prescription)
 ivermectin,(prescription)
 ketanserine tartrate hydrate,(prescription)
 ketoprofen,(prescription)
 ketorolac tromethamine,(prescription)
 ketotifen fumarate,(prescription)
khellin non-drug
l(-)-vesamicol hydrochloride non-drug
 labetalol hydrochloride,(prescription)
 lacidipine,(prescription)
 lamivudine,(prescription)
 lamotrigine,(prescription)
 lanatoside c,(prescription)
 letrozole,(prescription)
 levalbuterol hydrochloride,(prescription)
 levamisole hydrochloride,(prescription)
 levetiracetam,(prescription)
 levocabastine hydrochloride,(prescription)
 levodopa,(prescription)
 levonordefrin,(prescription)
levopropoxyphene napsylate non-drug
 lidocaine hydrochloride,(prescription)
 liothyronine,(prescription)
 liranaftate,(prescription)
 lisinopril,(prescription)
lithocholic acid non-drug
 lofexidine,(prescription)
 loperamide hydrochloride,(prescription)
lorglumide sodium salt non-drug
 losartan,(prescription)
 lovastatin,(prescription)
 low carbohydrate diet
 loxapine succinate,(prescription)
 luteolin (flavonoid) 400 mg/day
LYMECYCLINE (ANTIBIOTIC)[CFS]

alfuzosin hydrochloride,(prescription)
 alizapride hcl,(prescription)
 allantoin non-drug
 allopurinol,(prescription)
 alprenolol hydrochloride,(prescription)
 alprostadiol,(prescription)
 althiazide,(prescription)
 altretamine,(prescription)
 alverine citrate salt,(prescription)
 ambrisentan,(prescription)
 ambroxol hydrochloride,(prescription)
 amcinonide,(prescription)
 amethopterin (r;s),(prescription)
 amfepramone hydrochloride,(prescription)
 amidopyrine,(prescription)
 amifostine,(prescription)
 amiloride hydrochloride dihydrate,(prescription)
 aminocaproic acid,(prescription)
 aminohippuric acid,(prescription)
 aminophylline,(prescription)
 aminopurine; 6-benzyl non-drug
 amisulpride,(prescription)
 amitriptyline hydrochloride,(prescription)
 amlodipine,(prescription)
 amodiaquin dihydrochloride dihydrate,(prescription)
 amoxapine,(prescription)
AMOXICILLIN (ANTIBIOTIC)S[CFS]
 amphotericin b,(prescription)
 amprolium hydrochloride,(prescription)
 ampyrone non-drug
 amrinone,(prescription)
 amyleine hydrochloride,(prescription)
 anastrozole,(prescription)
 androsterone,(prescription)
 animal-based diet
 aniracetam,(prescription)
 antazoline hydrochloride,(prescription)
 anthralin,(prescription)
 antimycin a,(prescription)
 antipyrine,(prescription)
 antipyrine; 4-hydroxy non-drug
 aprepitant,(prescription)
 Arbutin (polyphenol) 100 mg/day
 argatroban,(prescription)
 artemisinin,(prescription)
 artocaine hydrochloride,(prescription)
 atorvastatin (prescription) 80 mg/day
 atovaquone,(prescription)
 atractyloside potassium salt non-drug
 atracurium besylate,(prescription)
 atropine sulfate monohydrate,(prescription)
 avermectin b1a,(prescription)
 azacyclonol,(prescription)
 azacytidine-5,(prescription)
 azaguanine-8,(prescription)
 azaperone,(prescription)
 azapropazone,(prescription)
 azelastine hcl,(prescription)
 lynestrenol,(prescription)
mafenide hydrochloride (antibiotic)
 maprotiline hydrochloride,(prescription)
mastic gum (prebiotic) 1000 mg/day
 mebendazole,(prescription)
 mebeverine hydrochloride,(prescription)
 mebhydroline 1;5-naphtalenedisulfonate,(prescription)
 mecamlamine hydrochloride,(prescription)
 meclofenamic acid sodium salt monohydrate,(prescription)
 meclofenoxate hydrochloride,(prescription)
 medrysone,(prescription)
 mefenamic acid,(prescription)
 mefexamide hydrochloride,(prescription)
 meggestrol acetate,(prescription)
 meglumine,(prescription)
melatonin supplement 10 mg/day
melengestrol acetate non-drug
 meloxicam,(prescription)
 memantine hydrochloride,(prescription)
 mepenzolate bromide,(prescription)
 mephenesin,(prescription)
 mephentermine hemisulfate,(prescription)
 mephénytoin,(prescription)
 mepivacaine hydrochloride,(prescription)
 meprylcaine hydrochloride,(prescription)
 meptazinol hydrochloride,(prescription)
 mesalamine,(prescription)
 mesna,(prescription)
 mesoridazine besylate,(prescription)
 metaproterenol sulfate; orciprenaline sulfate,(prescription)
 metaraminol bitartrate,(prescription)
 metergoline,(prescription)
 methacholine chloride,(prescription)
 methantheline bromide,(prescription)
 methapyrilene hydrochloride,(prescription)
 methazolamide,(prescription)
methenamine (antibiotic)
 methiazole,(prescription)
 methimazole,(prescription)
 methocarbamol,(prescription)
 methotrexate,(prescription)
 methotrimeprazine maleat salt,(prescription)
 methoxamine hydrochloride,(prescription)
 methylatropine nitrate,(prescription)
 methyldopa (l;-),(prescription)
 methyldopate hydrochloride,(prescription)
 methylergometrine maleate,(prescription)
methylhydantoin-5(d) non-drug
methylhydantoin-5(l) non-drug
 methylprednisolone; 6-alpha,(prescription)
 meticrane,(prescription)
 metixene hydrochloride,(prescription)
 metoclopramide monohydrochloride,(prescription)
 metolazone,(prescription)
 metoprolol-(+;-) (+)-tartrate salt,(prescription)
 metrizamide,(prescription)
 metyrapone,(prescription)
mevalonic-d; l acid lactone non-drug

bacillus coagulans (probiotics) 10 BCFU/day

badifen (r;s),(prescription)
 balsalazide sodium,(prescription)
 bambuterol hydrochloride,(prescription)
 beclomethasone dipropionate,(prescription)
 bemegride,(prescription)
 benazepril hcl,(prescription)
 bendroflumethiazide,(prescription)
 benfluorex hydrochloride,(prescription)
 benfotiamine,(prescription) 900 mg/day
 benoxinate hydrochloride,(prescription)
 benperidol,(prescription)
 benserazide hydrochloride non-drug
 benzamil hydrochloride,(prescription)
 benzocaine,(prescription)
 benzonatate,(prescription)
 benzthiazide,(prescription)
 benztropine mesylate,(prescription)
 benzydamine hydrochloride,(prescription)
 bephenium hydroxynaphthoate,(prescription)
 beta-escin non-drug
 betahistine mesylate,(prescription)
 betamethasone,(prescription)
 betaxolol hydrochloride,(prescription)
 betazole hydrochloride,(prescription)
 bethanechol chloride,(prescription)
 bezafibrate,(prescription)
 bicalutamide,(prescription)
 biperiden hydrochloride,(prescription)
 bisacodyl,(prescription)
 bisoprolol fumarate,(prescription)
 bosentan,(prescription)
 bretylium tosylate,(prescription)
 brinzolamide,(prescription)
 bromhexine hydrochloride,(prescription)
 bromocryptine mesylate,(prescription)
 bromopride,(prescription)
 bromperidol,(prescription)
 brompheniramine maleate,(prescription)
 bucladesine sodium salt,(prescription)
 budesonide,(prescription)
 bufexamac,(prescription)
 buflomedil hydrochloride,(prescription)
 bumetanide,(prescription)
 bupivacaine hydrochloride,(prescription)
 bupropion hydrochloride,(prescription)
 buspirone hydrochloride,(prescription)
 busulfan,(prescription)
 butacaine,(prescription)
 butalbital,(prescription)
 butamben,(prescription)
 butylparaben non-drug
 butylscopolammonium (n-) bromide,(prescription)
Caffeine
 calcipotriene,(prescription)
 camptothecine (s;+) non-drug
 camylofine chlorhydrate,(prescription)
 candesartan,(prescription)

mevastatin,(prescription)
 mexiletine hydrochloride,(prescription)
 mianserine hydrochloride,(prescription)
 midodrine hydrochloride,(prescription)
 mifepristone,(prescription)
 miglitol,(prescription)
 milrinone,(prescription)
 minaprine dihydrochloride,(prescription)
 minoxidil,(prescription)
 mirtazapine,(prescription)
 misoprostol,(prescription)
 mitotane,(prescription)
 mizolastine,(prescription)
 moclobemide,(prescription)
 modafinil,(prescription)
 molindone hydrochloride,(prescription)
 molsidomine,(prescription)
 mometasone furoate,(prescription)
 monobenzene,(prescription)
 montelukast,(prescription)
 morantel tartrate,(prescription)
 moricizine hydrochloride,(prescription)
 moroxidine hydrochloride,(prescription)
morpholinoethylamino-3-benzocyclohepta-(5;6-c)-pyridazine dihydrochloride non-drug
 moxisylyte hydrochloride,(prescription)
 moxonidine,(prescription)
n6-methyladenosine non-drug
 nabumetone,(prescription)
 n-acetyl-dl-homocysteine thiolactone,(prescription)
 n-acetyl-l-leucine,(prescription)
nadide non-drug
 nadolol,(prescription)
 nafronyl oxalate,(prescription)
 naftifine hydrochloride,(prescription)
 naftopidil dihydrochloride,(prescription)
 nalbuphine hydrochloride,(prescription)
 nalmefene hydrochloride,(prescription)
 naloxone hydrochloride,(prescription)
 naltrexone hydrochloride dihydrate,(prescription)
 nandrolone,(prescription)
 naphazoline hydrochloride,(prescription)
 naproxen,(prescription)
 nefopam hydrochloride,(prescription)
NEOMYCIN (ANTIBIOTIC)S[CFS]
 neostigmine bromide,(prescription)
 nialamide,(prescription)
 nicardipine hydrochloride,(prescription)
 nicergoline,(prescription)
 nicorandil,(prescription)
 nicotinamide,(prescription) 6 gram/day
 nifedipine,(prescription)
 nifenazone,(prescription)
 niflumic acid,(prescription)
 nilvadipine,(prescription)
 nimesulide,(prescription)
 nisoldipine,(prescription)
nisoxetine hydrochloride non-drug

canrenoic acid potassium salt,(prescription)
 canrenone,(prescription)
 capsaicin (hot pepper)
 captopril,(prescription)
 carbachol,(prescription)
 carbamazepine,(prescription)
 carbarsone non-drug
 carbenoxolone disodium salt,(prescription)
 carbetapentane citrate,(prescription)
 carbidopa non-drug
 carbimazole,(prescription)
 carbinoxamine maleate salt,(prescription)
 carisoprodol,(prescription)
 carprofen,(prescription)
 carteolol hydrochloride,(prescription)
 carvedilol,(prescription)
 catharanthine,(prescription)
 cefaclor hydrate (antibiotic)
 cefadroxil (antibiotic)
 celecoxib,(prescription)
 celiprolol hcl,(prescription)
 cetirizine dihydrochloride,(prescription)
 chenodiol,(prescription)
 chlorambucil,(prescription)
 chlorcyclizine hydrochloride,(prescription)
 chlormadinone acetate,(prescription)
 chlormezanone,(prescription)
 chloropyramine hydrochloride,(prescription)
CHLOROQUINE DIPHOSPHATE,(PRESCRIPTION)[CFS]
 chlorothiazide,(prescription)
 chlorpheniramine maleate,(prescription)
 chlorphensin carbamate,(prescription)
 chlorpromazine hydrochloride,(prescription)
 chlorpropamide,(prescription)
 chlorthalidone,(prescription)
 chlorzoxazone,(prescription)
 ciclopirox ethanolamine,(prescription)
 cilostazol,(prescription)
 cimetidine,(prescription)
 cinoxacin (antibiotic)
 ciprofibrate,(prescription)
 cisapride,(prescription)
 citalopram hydrobromide,(prescription)
 clavulanate potassium salt (antibiotic)
 clebopride maleate,(prescription)
 clemastine fumarate,(prescription)
 clenbuterol hydrochloride,(prescription)
 clidinium bromide,(prescription)
 clioquinol,(prescription)
 clobetasol propionate,(prescription)
 dlobutinol hydrochloride,(prescription)
 dlocortolone pivalate,(prescription)
 clodronate,(prescription)
 clofazimine (antibiotic)
 clofibrate,(prescription)
 clofibric acid non-drug
 clonidine hydrochloride,(prescription)
 clonixin lysinate,(prescription)
 nitrendipine,(prescription)
 nitrocaramiphen hydrochloride non-drug
 nizatidine,(prescription)
 nocodazole,(prescription)
 nomegestrol acetate,(prescription)
 nomifensine maleate,(prescription)
 norcyclobenzaprine,(prescription)
 norethindrone,(prescription)
 norethynodrel,(prescription)
 norgestimate,(prescription)
 norgestrel(-)-d,(prescription)
 nortriptyline hydrochloride,(prescription)
 nylicidin,(prescription)
 nystatine,(prescription)
 olanzapine,(prescription)
 olmesartan,(prescription)
 olopatadine hydrochloride,(prescription)
 ondansetron hydrochloride,(prescription)
 opipramol dihydrochloride,(prescription)
 orphenadrine hydrochloride,(prescription)
 oxalamine citrate salt,(prescription)
 oxandrolone,(prescription)
 oxantel pamoate,(prescription)
 oxaprozin,(prescription)
 oxcarbazepine,(prescription)
 oxfendazol,(prescription)
 oxibendazol,(prescription)
 oxolinic acid (antibiotic)
 oxprenolol hydrochloride,(prescription)
 oxybenzone non-drug
 oxybutynin chloride,(prescription)
 oxymetazoline hydrochloride,(prescription)
 oxyphenbutazone,(prescription)
 ozagrel hydrochloride,(prescription)
 paclitaxel,(prescription)
 pancuronium bromide,(prescription)
 panthenol (d),(prescription)
 papaverine hydrochloride,(prescription)
 pargyline hydrochloride,(prescription)
 paroxetine hydrochloride,(prescription)
 parthenolide non-drug
 pefloxacin (antibiotic)
 pemirolast potassium,(prescription)
 pempidine tartrate,(prescription)
 penbutolol sulfate,(prescription)
 penciclovir,(prescription)
 penicillamine,(prescription)
 pentetic acid non-drug
 pentobarbital,(prescription)
 pentolinium bitartrate,(prescription)
 pentoxifylline,(prescription)
 pentylenetetrazole,(prescription)
 pepstatin a non-drug
 pergolide mesylate,(prescription)
 perindopril,(prescription)
 perphenazine,(prescription)
 phenacetin,(prescription)
 phenazopyridine hydrochloride,(prescription)

clopamide,(prescription)
 cloperastine hydrochloride,(prescription)
 clogyline hydrochloride,(prescription)
 clorsulon,(prescription)
 clozapine,(prescription)
 colchicine,(prescription)
 corticosterone non-drug
 cortisol acetate,(prescription)
 cortisone,(prescription)
 cromolyn disodium salt,(prescription)
 crotamiton,(prescription)
Curcumin 3 gram/day
 cyclizine hydrochloride,(prescription)
 cyclobenzaprine hydrochloride,(prescription)
 cycloheximide non-drug
 cyclopenthiiazide,(prescription)
 cyclopentolate hydrochloride,(prescription)
 cyclophosphamide,(prescription)
 cyclosporin a,(prescription)
 cyproheptadine hydrochloride,(prescription)
 cyproterone acetate,(prescription)
 cytarabine,(prescription)
 dacarbazine,(prescription)
 danazol,(prescription)
 dantrolene sodium salt,(prescription)
DAPSONE (ANTIBIOTIC)[CFS]
 darifenacin hydrobromide,(prescription)
d-cycloserine (antibiotic)
 debrisoquin sulfate,(prescription)
 decamethonium bromide,(prescription)
 deferoxamine mesylate,(prescription)
 deflazacort,(prescription)
 dehydrocholic acid non-drug
 dehydroisoandrosterone 3-acetate,(prescription)
 demecarium bromide,(prescription)
 denatonium benzoate non-drug
 deoxycorticosterone,(prescription)
 deptropine citrate,(prescription)
 desipramine hydrochloride,(prescription)
 desloratadine,(prescription)
 dexamethasone acetate,(prescription)
 dexfenfluramine hydrochloride,(prescription)
 dextromethorphan hydrobromide monohydrate,(prescription)
 diazoxide,(prescription)
 dibenzepine hydrochloride,(prescription)
 dibucaine,(prescription)
 dichlorphenamide,(prescription)
 didazuril,(prescription)
 diclofenac sodium,(prescription)
 dicumarol,(prescription)
 dicyclomine hydrochloride,(prescription)
 didanosine,(prescription)
 dienestrol,(prescription)
 diethylcarbamazine citrate,(prescription)
 diethylstilbestrol,(prescription)
 diflorasone diacetate,(prescription)
 diflunisal,(prescription)
 digitoxigenin,(prescription)
 phenelzine sulfate,(prescription)
 phenformin hydrochloride,(prescription)
 phenindione,(prescription)
 pheniramine maleate,(prescription)
 phenoxybenzamine hydrochloride,(prescription)
 phensuximide,(prescription)
 phentermine hydrochloride,(prescription)
 phentolamine hydrochloride,(prescription)
 phenylbutazone,(prescription)
 phenylpropanolamine hydrochloride,(prescription)
phthalylsulfathiazole (antibiotic)
 picotamide monohydrate,(prescription)
picrotoxinin non-drug
 pilocarpine nitrate,(prescription)
 pimethixene maleate,(prescription)
 pinacidil,(prescription)
 pindolol,(prescription)
 pioglitazone,(prescription)
pipemidic acid (antibiotic)
 piperzolate bromide,(prescription)
piperacetazine non-drug
 piperidolate hydrochloride,(prescription)
pirenperone non-drug
 pirenzepine dihydrochloride,(prescription)
 piretanide,(prescription)
 piribedil hydrochloride,(prescription)
 pirlindole mesylate,(prescription)
piromidic acid (antibiotic)
 piroxicam,(prescription)
pivmecillinam hydrochloride (antibiotic)
 pizotifen malate,(prescription)
 podophyllotoxin,(prescription)
 practolol,(prescription)
 pralidoxime chloride,(prescription)
 pramipexole,(prescription)
 pramoxine hydrochloride,(prescription)
 pranlukast,(prescription)
 pranoprofen,(prescription)
 pravastatin,(prescription)
 praziquantel,(prescription)
 prazosin hydrochloride,(prescription)
 prednicarbate,(prescription)
 prednisolone,(prescription)
pregnenolone non-drug
 prenylamine lactate,(prescription)
 pridinol methanesulfonate salt,(prescription)
 primaquine diphosphate,(prescription)
 primidone,(prescription)
 probenecid,(prescription)
 probucol,(prescription)
 procainamide hydrochloride,(prescription)
 procaine hydrochloride,(prescription)
 procarbazine hydrochloride,(prescription)
 procyclidine hydrochloride,(prescription)
 progesterone,(prescription)
 proglumide,(prescription)
 proguanil hydrochloride,(prescription)
 promazine hydrochloride,(prescription)

digoxigenin non-drug
 dihydroergotamine tartrate,(prescription)
dihydrostreptomycin sulfate (antibiotic)
 dilazep dihydrochloride,(prescription)
 diloxanide furoate,(prescription)
 diltiazem hydrochloride,(prescription)
 dimaprit dihydrochloride non-drug
 dimenhydrinate,(prescription)
 dimethadione,(prescription)
 dimethisoquin hydrochloride,(prescription)
 dinoprost trometamol,(prescription)
diosmin,(polyphenol) 1500 mg/day
 dioxybenzone non-drug
 dipiperdon hydrochloride non-drug
 diphemanil methylsulfate,(prescription)
 diphenhydramine hydrochloride,(prescription)
 diphenidol hydrochloride,(prescription)
 diphenylpyraline hydrochloride,(prescription)
 dipivefrin hydrochloride,(prescription)
 diprophylline,(prescription)
 dipyridamole,(prescription)
 dipyrone,(prescription)
 disopyramide,(prescription)
 disulfiram,(prescription)
 dizocilpine maleate,(prescription)
do 897/99 non-drug
 dobutamine hydrochloride,(prescription)
 docetaxel,(prescription)
 dolasetron mesilate,(prescription)
 domperidone,(prescription)
 dopamine (prescription)
 dorzolamide hydrochloride,(prescription)
 dosulepin hydrochloride,(prescription)
 doxazosin mesylate,(prescription)
 doxepin hydrochloride,(prescription)
 doxofylline,(prescription)
 doxylamine succinate,(prescription)
 drofenine hydrochloride,(prescription)
 droperidol,(prescription)
 dropropizine (r,s),(prescription)
 dyclonine hydrochloride,(prescription)
 dydrogesterone,(prescription)
 ebumamonine (-),(prescription)
 edrophonium chloride,(prescription)
 efavirenz,(prescription)
 emedastine,(prescription)
 enalapril maleate,(prescription)
 enilconazole,(prescription)
 epiandrosterone,(prescription)
 epirizole,(prescription)
 epitiostandol,(prescription)
 equilin,(prescription)
 erlotinib,(prescription)
 escitalopram,(prescription)
 eserine hemisulfate salt,(prescription)
 esmolol hydrochloride,(prescription)
 estradiol-17 beta,(prescription)
 estriol,(prescription)
 promethazine hydrochloride,(prescription)
pronethalol hydrochloride non-drug
 propafenone hydrochloride,(prescription)
 propantheline bromide,(prescription)
 proparacaine hydrochloride,(prescription)
 propofol,(prescription)
 propoxycaine hydrochloride,(prescription)
 propylthiouracil,(prescription)
 proscillaridin a,(prescription)
prothionamide (antibiotic)
 protriptyline hydrochloride,(prescription)
 pyrantel tartrate,(prescription)
pyrazinamide (antibiotic)
 pyridostigmine iodide,(prescription)
 pyrilamine maleate,(prescription)
 pyrimethamine,(prescription)
 pyrithydione,(prescription)
 quercetin, resveratrol
 quetiapine hemifumarate,(prescription)
 quinacrine dihydrochloride dihydrate,(prescription)
 quinapril hcl,(prescription)
 quinethazone,(prescription)
 quinidine hydrochloride monohydrate,(prescription)
quipazine dimaleate salt non-drug
 r(-) apomorphine hydrochloride hemihydrate,(prescription)
 racecadotril,(prescription)
 racepinephrine hcl,(prescription)
Racetams 24 gram/day
raclopride non-drug
 raloxifene hydrochloride,(prescription)
 ramipril,(prescription)
 ranitidine hydrochloride,(prescription)
 ranolazine,(prescription)
 rebamipide,(prescription)
 reboxetine mesylate,(prescription)
 remoxipride hydrochloride,(prescription)
 repaglinide,(prescription)
 reserpine,(prescription)
resistant starch
retinoic acid,(Vitamin A derivative)
 ribavirin,(prescription)
rifampicin (antibiotics)
 riluzole hydrochloride,(prescription)
 rimantadine hydrochloride,(prescription)
 rimexolone,(prescription)
 ritodrine hydrochloride,(prescription)
 rivastigmine,(prescription)
 rofecoxib,(prescription)
rolipram non-drug
 ropinirole hcl,(prescription)
 rosiglitazone hydrochloride,(prescription)
 roxatidine acetate hcl,(prescription)
s(-)eticlopride hydrochloride non-drug
 salbutamol,(prescription)
 salmeterol,(prescription)
 saquinavir mesylate,(prescription)
 scopolamine hydrochloride,(prescription)
 scopolamin-n-oxide hydrobromide,(prescription)

estrone,(prescription)
 etanidazole,(prescription)
 ethacrynic acid,(prescription)
ethambutol dihydrochloride (antibiotic)
 ethamivan,(prescription)
 ethamsylate,(prescription)
ethionamide (antibiotic)
 ethisterone,(prescription)
 ethopropazine hydrochloride,(prescription)
 ethosuximide,(prescription)
 ethotoin,(prescription)
 ethoxyquin non-drug
 ethynodiol diacetate,(prescription)
 ethynylestradiol 3-methyl ether,(prescription)
 etidronic acid; disodium salt,(prescription)
 etifenin,(prescription)
 etilefrine hydrochloride,(prescription)
 etodolac,(prescription)
 etofenamate,(prescription)
 etofylline,(prescription)
 etomidate,(prescription)
 etoricoxib,(prescription)
 etretinate,(prescription)
 eucatropine hydrochloride non-drug
 exemestane,(prescription)
 fadrozole hydrochloride,(prescription)
 famciclovir,(prescription)
 famotidine,(prescription)
 famprofazone,(prescription)
 felbinac,(prescription)
 fenbendazole,(prescription)
 fenbufen,(prescription)
 fenipentol,(prescription)
 fenofibrate,(prescription)
 fenoprofen calcium salt dihydrate,(prescription)
 fenoterol hydrobromide,(prescription)
 fenspiride hydrochloride,(prescription)
 fentiazac,(prescription)
 fexofenadine hcl,(prescription)
 fibre-rich macrobiotic ma-pi 2 diet
 finasteride,(prescription)
 fipexide hydrochloride,(prescription)
 flavoxate hydrochloride,(prescription)
 flecainide acetate,(prescription)
 floxuridine,(prescription)
 flubendazol,(prescription)
 fluconazole,(prescription)
 flucytosine,(prescription)
 fludarabine,(prescription)
 fludrocortisone acetate,(prescription)
 flufenamic acid,(prescription)
flumequine (antibiotic)
 flumethasone,(prescription)
 flunarizine dihydrochloride,(prescription)
 flunisolide,(prescription)
 flunixin meglumine,(prescription)
 fluocinolone acetonide,(prescription)
 fluocinonide,(prescription)
 selegiline hydrochloride,(prescription)
serotonin hydrochloride non-drug
 sibutramine hcl,(prescription)
 sildenafil,(prescription)
 simvastatin,(prescription)
sisomicin sulfate (antibiotic)
 sotalol hydrochloride,(prescription)
 spaglumic acid,(prescription)
spectinomycin dihydrochloride (antibiotic)
 spiperone,(prescription)
 spironolactone,(prescription)
 stavudine,(prescription)
 streptozotocin,(prescription)
succinylsulfathiazole (antibiotic)
sulfabenzamide
sulfacetamide sodic hydrate (antibiotic)
 sulfachloropyridazine,(prescription)
sulfadiazine (antibiotic)
sulfadimethoxine (antibiotic)
 sulfadoxine,(prescription)
sulfaguanidine (antibiotic)
sulfamerazine (antibiotic)
sulfameter (antibiotic)
sulfamethazine sodium salt (antibiotic)
sulfamethizole (antibiotic)
sulfamethoxazole (antibiotic)
sulfamethoxypyridazine (antibiotic)
 sulfamonomethoxine,(prescription)
sulfanilamide (antibiotic)
sulfaphenazole (antibiotic)
sulfapyridine (antibiotic)
 sulfaquinolaxaline sodium salt,(prescription)
 sulfasalazine,(prescription)
sulfathiazole (antibiotic)
 sulfinpyrazone,(prescription)
sulfisoxazole (antibiotic)
 sulindac,(prescription)
sulmazole non-drug
 sulpiride,(prescription)
 sumatriptan succinate,(prescription)
 suprofen,(prescription)
 suxibuzone,(prescription)
 tacrine hydrochloride,(prescription)
tazobactam (antibiotic)
 tea
 telenzepine dihydrochloride,(prescription)
 telmisartan,(prescription)
 temozolomide,(prescription)
 tenoxicam,(prescription)
 terazosin hydrochloride,(prescription)
 terbutaline hemisulfate,(prescription)
 terconazole,(prescription)
 testosterone propionate,(prescription)
 tetracaine hydrochloride,(prescription)
tetraethylenepentamine pentahydrochloride non-drug
tetrahydroxy-1;4-quinone monohydrate non-drug
 tetrahydrozoline hydrochloride,(prescription)
 tetramisole hydrochloride,(prescription)

fluorometholone,(prescription)
 fluoxetine hydrochloride,(prescription)
 flurandrenolide,(prescription)
 flurbiprofen,(prescription)
 fluspirilen,(prescription)
 flutamide,(prescription)
 fluticasone propionate,(prescription)
 fluvastatin sodium salt,(prescription)
 fluvoxamine maleate,(prescription)
 folic acid calcium salt,(prescription)
 fomepizole,(prescription)
 formestane,(prescription)
 formoterol fumarate,(prescription)
 fosfosal,(prescription)
 fosinopril,(prescription)
 fulvestrant,(prescription)
 furosemide,(prescription)
 fursultiamine hydrochloride non-drug
 gabapentin,(prescription)
 gabazine bromide non-drug
 gabexate mesilate non-drug
 galanthamine hydrobromide,(prescription)
 gallamine triethiodide,(prescription)
 ganciclovir,(prescription)
 gbr 12909 dihydrochloride,(prescription)
 gemfibrozil,(prescription)
 gestrinone,(prescription)
 glafenine hydrochloride,(prescription)
 glibenclamide,(prescription)
 glimepiride,(prescription)
 glipizide,(prescription)
 gliquidone,(prescription)
 gluten-free diet
 glutethimide; para-amino,(prescription)
 glycopyrrolate,(prescription)
 granisetron,(prescription)
 griseofulvin,(prescription)
 Guaiacol (polyphenol)
 guaifenesin,(prescription)
 guanabenz acetate,(prescription)
 guanethidine sulfate,(prescription)
 guanfacine hydrochloride,(prescription)
 halcinonide,(prescription)
 haloperidol,(prescription)
 hemicholinium bromide non-drug
 heptaminol hydrochloride,(prescription)
 Hesperidin (polyphenol) 1.5 gram/day
 hexamethonium dibromide dihydrate non-drug
 hexestrol,(prescription)
 hexylcaine hydrochloride,(prescription)
 high-fat diets
 high-protein diet
 homatropine hydrobromide (r,s),(prescription)
 homochlorcyclizine dihydrochloride,(prescription)
 homosalate non-drug
 hycanthon,(prescription)
 hydralazine hydrochloride,(prescription)
 thalidomide,(prescription)
 Theobromine (in food)
 theophylline monohydrate,(prescription)
 thiocolchicoside,(prescription)
 thioguanosine,(prescription)
 thioperamide maleate non-drug
 thioproperazine dimesylate,(prescription)
 thiorphan,(prescription)
 thip hydrochloride non-drug
 thyroxine (l),(prescription)
 tiabendazole,(prescription)
 tiapride hydrochloride,(prescription)
 tiaprofenic acid,(prescription)
 tibolone,(prescription)
 tidopidine hydrochloride,(prescription)
 tiletamine hydrochloride,(prescription)
 timolol maleate salt,(prescription)
 tiratricol, 3,3',5-triiodothyroacetic acid,(prescription)
 tizanidine hcl,(prescription)
 tocainide hydrochloride,(prescription)
 todralazine hydrochloride non-drug
 tolazamide,(prescription)
 tolazoline hydrochloride,(prescription)
 tolbutamide,(prescription)
 tolfenamic acid,(prescription)
 tolmotin sodium salt dihydrate,(prescription)
 tolnaftate,(prescription)
 tomoxetine hydrochloride,(prescription)
 topiramate,(prescription)
 topotecan,(prescription)
 torsemide,(prescription)
 tracazolate hydrochloride non-drug
 tramadol hydrochloride,(prescription)
 tranexamic acid,(prescription)
 tranilast,(prescription)
 tranylcypromine hydrochloride,(prescription)
 trapidil,(prescription)
 trazodone hydrochloride,(prescription)
 tremorine dihydrochloride non-drug
 triamcinolone,(prescription)
 triamterene,(prescription)
 tribenoside,(prescription)
 trichlorfon,(prescription)
 trichlormethiazide,(prescription)
 tridihexethyl chloride,(prescription)
 triflupromazine hydrochloride,(prescription)
 trifluridine,(prescription)
 trifusal,(prescription)
 trihexyphenidyl-d;l hydrochloride,(prescription)
 trimeprazine tartrate,(prescription)
 trimetazidine dihydrochloride,(prescription)
 trimethadione,(prescription)
 trimethobenzamide hydrochloride,(prescription)
 trimipramine maleate salt,(prescription)
 trioxsalen,(prescription)
 tripeleppamine hydrochloride,(prescription)
 triprolidine hydrochloride,(prescription)
 troglitazone,(prescription)

hydrochlorothiazide,(prescription)
 hydrocortisone base,(prescription)
 hydroflumethiazide,(prescription)
 hydroxychloroquine sulfate,(prescription)
 hydroxytacrine maleate (r;s),(prescription)
 hydroxyzine dihydrochloride,(prescription)
 hymecromone,(prescription)
 hyoscyamine (l),(prescription)
 ibandronate sodium,(prescription)
 ibudilast,(prescription)
 ibuprofen
 idazoxan hydrochloride non-drug
 idebenone,(prescription)
 ifenprodil tartrate,(prescription)
 ifosfamide,(prescription)
 imatinib,(prescription)
 imidurea non-drug
 imipramine hydrochloride,(prescription)
 imiquimod,(prescription)
 indapamide,(prescription)
 indatraline hydrochloride non-drug
 indomethacin,(prescription)
 indoprofen,(prescription)
 iobenguane sulfate,(prescription)
 iocetamic acid,(prescription)
 iodipamide,(prescription)
 iodixanol,(prescription)
 iohexol,(prescription)
 iopamidol,(prescription)
 iopanoic acid,(prescription)
 iopromide,(prescription)
 ioversol,(prescription)
 ioxaglic acid,(prescription)
 iproniazide phosphate,(prescription)
 ipsapirone non-drug
 irinotecan hydrochloride trihydrate,(prescription)
 irsogladine maleate,(prescription)
 isocarboxazid,(prescription)
 isoetharine mesylate salt,(prescription)
 isoflupredone acetate,(prescription)
 isometheptene mucate,(prescription)
 trolox non-drug
 tropicamide,(prescription)
 tropisetron hcl,(prescription)
 tulobuterol,(prescription)
 tyloxapol,(prescription)
 urapidil hydrochloride,(prescription)
 urosiol,(prescription)
 valacyclovir hydrochloride,(prescription)
 valproic acid,(prescription)
 vardenafil,(prescription)
 vatalanib,(prescription)
 vegetarians
 venlafaxine,(prescription)
 verapamil hydrochloride,(prescription)
 vidarabine,(prescription)
 vigabatrin,(prescription)
 viloxazine hydrochloride,(prescription)
 vincamine,(prescription)
 vinpocetine,(prescription) 60 mg/day
 viomycin sulfate (antibiotic)
 Vitamin B-12 10 mg/day
 vitamin B3,niacin 3000 mg/day
 Vitamin B6,pyridoxine hydrochloride 200 mg/day
 Vitamin B9,folic acid 5 mg/day
 voriconazole,(prescription)
 vorinostat,(prescription)
 warfarin,(prescription)
 xamoterol hemifumarate,(prescription)
 xylazine,(prescription)
 xylometazoline hydrochloride,(prescription)
 yohimbine hydrochloride,(prescription)
 zalcitabine,(prescription)
 zaleplon,(prescription)
 zaprinast non-drug
 zardaverine non-drug
 zidovudine; azt,(prescription)
 zileuton,(prescription)
 zimelidine dihydrochloride monohydrate,(prescription)
 ziprasidone,hydrochloride,(prescription)
 zomepirac sodium salt,(prescription)
 zonisamide,(prescription)
 zopiclone,(prescription)
 zoxazolamine non-drug

Retail Probiotics

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

nature's way (au) / adult vita gummies daily probiotic 80s

align / align

Bromatech (IT) / Lautoselle

source naturals / duraflora

thorne / bacillus coagulansvet 60 caps

schiff / digestive advantage

daiichi sankyo healthcare (jp) / panlacmin tablet

biospec / probiotic-5

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.

apple	ketogenic diet
arabinogalactan (prebiotic)	lactobacillus paracasei (probiotics)
bacillus subtilis (probiotics)	lactobacillus plantarum,xylooligosaccharides,(prebiotic)
banana	(probiotics)
barley,oat	lactulose
bifidobacterium animalis lactis (probiotics)	linseed(flaxseed)
bifidobacterium longum (probiotics)	mediterranean diet
Cacao	navy bean
chondrus crispus,red sea weed	oats
clostridium butyricum (probiotics),Miya,Miyarisan	Olive Oil
Conjugated Linoleic Acid	omega-3 fatty acids
fructo-oligosaccharides (prebiotic)	pea (fiber, protein)
fruit/legume fibre	quercetin
galacto-oligosaccharides (prebiotic)	raffinose(sugar beet)
Glucomannan	soy
green tea	triphala
Human milk oligosaccharides (prebiotic, Holigos, Stachyose)	wasabi
inulin (prebiotic)	wheat
	wheat bran
	whey

Sample of Literature Used

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Acne
 ADHD
 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
 Autism
 Autoimmune Disease
 Barrett esophagus cancer
 Bipolar Disorder
 Brain Trauma
 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
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
Hidradenitis Suppurativa
Histamine Issues From Ubiome
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
Irritable Bowel Syndrome
Juvenile idiopathic arthritis
Liver Cirrhosis
Long COVID
Lung Cancer
ME/CFS with IBS
ME/CFS without IBS
Menopause
Metabolic Syndrome
Mood Disorders
Multiple Sclerosis
Multiple system atrophy (MSA)
Neuropathy (all types)
neuropsychiatric disorders (PANDAS, PANS)
Nonalcoholic Fatty Liver Disease (nafld) Nonalcoholic
NonCeliac Gluten Sensitivity
Obesity
obsessive-compulsive disorder
Osteoarthritis
Osteoporosis
Parkinson's Disease
Postural orthostatic tachycardia syndrome
Premenstrual dysphoric disorder

Psoriasis
rheumatoid arthritis (RA),Spondyloarthritis (SpA)
Rosacea
Schizophrenia
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