

PubMed (Legacy version)	
<p>((((meat[mesh] OR meat[Title/Abstract] OR poultry[Title/Abstract] OR chicken[Title/Abstract] OR beef[Title/Abstract] OR pork[Title/Abstract] OR fish[Title/Abstract] OR seafood[Title/Abstract] OR shellfish[Title/Abstract]) OR (DASH[Title/Abstract] OR "Ketogenic diet"[Title/Abstract] OR "Mediterranean diet"[Title/Abstract] OR "Paleolithic diet"[Title/Abstract] OR "paleo diet"[Title/Abstract] OR "vegetarian diet"[Title/Abstract] OR "vegan diet"[Title/Abstract] OR "western diet"[Title/Abstract] OR "Feeding Behavior"[Mesh] OR "Diet"[Mesh])) AND ("Gastrointestinal Microbiome"[Mesh] OR "Microbiota"[Mesh] OR ((gut[Title/Abstract] OR colonic[Title/Abstract] OR intestinal[Title/Abstract] OR gastrointestinal[Title/Abstract] OR enteric[Title/Abstract]) AND (microbiota[Title/Abstract] OR microflora[Title/Abstract] OR flora[Title/Abstract] OR microbiome[Title/Abstract] OR bacteria[Title/Abstract] OR bacterium[Title/Abstract])) OR ((gut microbiota-derived[Title/Abstract] OR gut-derived[Title/Abstract] OR microbial[Title/Abstract]) AND metabolites[Title/Abstract]) OR "uremic toxins"[Title/Abstract] OR GDUT[Title/Abstract] OR "trimethylammonium oxide"[Title/Abstract] OR "trimethylamine N-oxide"[Title/Abstract] OR TMAO[Title/Abstract] OR "trimethylamine oxide"[Title/Abstract] OR "p-cresol sulfate"[Title/Abstract] OR "p-cresyl glucuronide"[Title/Abstract] OR phenylacetylglutamine[Title/Abstract] OR "short chain fatty acid"[Title/Abstract] OR "short chain fatty acids"[Title/Abstract] OR SCFA[Title/Abstract] OR SCFAs[Title/Abstract] OR "Fatty Acids, Volatile"[Mesh] OR "phytoestrogens"[Mesh] OR "anthocyanins"[Mesh] OR "Bile Acids and Salts"[Mesh] OR "lipopolysaccharides"[Mesh])) NOT (Animals[mesh] NOT (Animals[mesh] AND Humans[mesh]))) AND (english[Filter])</p>	
Cochrane	
ID	Search
#1	MeSH descriptor: [Meat] explode all trees
#2	(meat):ti,ab,kw
#3	MeSH descriptor: [Poultry] explode all trees
#4	(poultry):ti,ab,kw
#5	MeSH descriptor: [Chickens] explode all trees
#6	(chicken):ti,ab,kw
#7	MeSH descriptor: [Red Meat] explode all trees
#8	(beef):ti,ab,kw
#9	MeSH descriptor: [Red Meat] explode all trees
#10	(pork):ti,ab,kw
#11	MeSH descriptor: [Fishes] explode all trees
#12	(fish):ti,ab,kw
#13	MeSH descriptor: [Seafood] explode all trees
#14	(seafood):ti,ab,kw
#15	MeSH descriptor: [Shellfish] explode all trees
#16	(shellfish):ti,ab,kw
#17	(DASH):ti,ab,kw
#18	("ketogenic diet"):ti,ab,kw
#19	(Mediterranean diet):ti,ab,kw
#20	(Paleolithic diet):ti,ab,kw
#21	(paleo diet):ti,ab,kw
#22	(vegetarian diet):ti,ab,kw
#23	(vegan diet):ti,ab,kw
#24	("Western diet"):ti,ab,kw
#25	MeSH descriptor: [Feeding Behavior] explode all trees
#26	MeSH descriptor: [Diet] explode all trees

#27 #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26

#28 MeSH descriptor: [Gastrointestinal Microbiome] explode all trees

#29 MeSH descriptor: [Microbiota] explode all trees

#30 (gut):ti,ab,kw

#31 (colonic):ti,ab,kw

#32 (intestinal):ti,ab,kw

#33 (gastrointestinal):ti,ab,kw

#34 (enteric):ti,ab,kw

#35 #30 OR #31 OR #32 OR #33 OR #34

#36 (microbiota):ti,ab,kw

#37 ("microflora"):ti,ab,kw

#38 (flora):ti,ab,kw

#39 (microbiome):ti,ab,kw

#40 (bacteria):ti,ab,kw

#41 ("Bacterium"):ti,ab,kw

#42 #36 OR #37 OR #38 OR #39 OR #40 OR #41

#43 #35 AND #42

#44 (gut microbiota-derived):ti,ab,kw

#45 (gut-derived):ti,ab,kw

#46 (microbial):ti,ab,kw

#47 #44 OR #45 OR #46

#48 (metabolites):ti,ab,kw

#49 #47 AND #48

#50 (uremic toxins):ti,ab,kw

#51 (GDUT):ti,ab,kw

#52 (trimethylammonium oxide):ti,ab,kw

#53 (trimethylamine N-oxide):ti,ab,kw

#54 (TMAO):ti,ab,kw

#55 (trimethylamine oxide):ti,ab,kw

#56 (p-cresyl sulfate):ti,ab,kw

#57 (p-cresyl glucuronide):ti,ab,kw

#58 (phenylacetylglutamine):ti,ab,kw

#59 ("short chain fatty acid"):ti,ab,kw

#60 ("short chain fatty acids"):ti,ab,kw

#61 (SCFA):ti,ab,kw

#62 (SCFAs):ti,ab,kw

#63 MeSH descriptor: [Fatty Acids, Volatile] explode all trees

#64 MeSH descriptor: [Phytoestrogens] explode all trees

#65 MeSH descriptor: [Anthocyanins] explode all trees

#66 MeSH descriptor: [Bile Acids and Salts] explode all trees

#67 MeSH descriptor: [Lipopolysaccharides] explode all trees

#68 #28 OR #29 OR #43 OR #49 OR #50 OR #51 OR #52 OR #53 OR #54 OR #55 OR #56 OR #57 OR #58 OR #59 OR #60 OR #61 OR #62 OR #63 OR #64 OR #65 OR #66 OR #67

#69 #27 AND #68

Scopus

(TITLE-ABS-KEY (meat* OR poultry OR chicken* OR beef OR pork OR fish* OR seafood* OR shellfish* OR dash OR "Ketogenic diet" OR "Mediterranean diet" OR "Paleolithic diet" OR "paleo diet" OR "vegetarian diet" OR "vegan diet" OR "western diet" OR "Feeding Behavior*" OR diet*)) AND (TITLE-ABS-KEY ("Gastrointestinal Microbiome" OR "Microbiota" OR ((gut OR colonic OR intestinal OR gastrointestinal OR enteric) AND (microbiota OR microflora OR flora

OR microbiome OR bacteria OR bacterium)) OR ((gut AND microbiota-derived OR gut-derived OR microbial) AND metabolites) OR "uremic toxin*" OR gdut OR "trimethylammonium oxide*" OR "trimethylamine N-oxide*" OR tmao OR "trimethylamine oxide*" OR "p-cresol sulfate*" OR "p-cresyl glucuronide" OR phenylacetylglutamine* OR "short chain fatty acid*" OR scfa* OR "phytoestrogen*" OR "anthocyanin*" OR "bile acid*" OR "bile salt*" OR "bile*" OR "lipopolysaccharide*")) AND (LIMIT-TO (EXACTKEYWORD , "Article") OR LIMIT-TO (EXACTKEYWORD , "Human") OR LIMIT-TO (EXACTKEYWORD , "Humans") OR LIMIT-TO (EXACTKEYWORD , "Diet") OR LIMIT-TO (EXACTKEYWORD , "Microbiology") OR LIMIT-TO (EXACTKEYWORD , "Microbiota") OR LIMIT-TO (EXACTKEYWORD , "Bacteria") OR LIMIT-TO (EXACTKEYWORD , "Bacterium") OR LIMIT-TO (EXACTKEYWORD , "Intestine") OR LIMIT-TO (EXACTKEYWORD , "Dietary Intake") OR LIMIT-TO (EXACTKEYWORD , "Microflora") OR LIMIT-TO (EXACTKEYWORD , "Chicken") OR LIMIT-TO (EXACTKEYWORD , "Gastrointestinal Tract") OR LIMIT-TO (EXACTKEYWORD , "Intestines") OR LIMIT-TO (EXACTKEYWORD , "Gut Microbiota") OR LIMIT-TO (EXACTKEYWORD , "Microbial Community") OR LIMIT-TO (EXACTKEYWORD , "Chickens") OR LIMIT-TO (EXACTKEYWORD , "Food Intake") OR LIMIT-TO (EXACTKEYWORD , "Short Chain Fatty Acid") OR LIMIT-TO (EXACTKEYWORD , "Microbiome") OR LIMIT-TO (EXACTKEYWORD , "Fish") OR LIMIT-TO (EXACTKEYWORD , "Nutrition") OR LIMIT-TO (EXACTKEYWORD , "Major Clinical Study") OR LIMIT-TO (EXACTKEYWORD , "Feces Analysis") OR LIMIT-TO (EXACTKEYWORD , "Clinical Trial") OR LIMIT-TO (EXACTKEYWORD , "Randomized Controlled Trial") OR LIMIT-TO (EXACTKEYWORD , "Colon") OR LIMIT-TO (EXACTKEYWORD , "Cecum") OR LIMIT-TO (EXACTKEYWORD , "Bacterial Strain") OR LIMIT-TO (EXACTKEYWORD , "Feeding Behavior")) AND (LIMIT-TO (LANGUAGE , "English")) AND (LIMIT-TO (SUBJAREA , "IMMU") OR LIMIT-TO (SUBJAREA , "MULT") OR LIMIT-TO (SUBJAREA , "HEAL")) AND (LIMIT-TO (DOCTYPE , "ar")) AND (LIMIT-TO (SRCTYPE , "j"))

CINAHL Library

Limiters - Published; Expanders - Apply equivalent subjects; Search modes - Boolean/Phrase;

Interface – EBSCOhost; Research Databases Search Screen - Basic Search; Database - CINAHL

S1 (MH "Meat+") OR (MH "Seafood+") OR (MH "Eggs") OR (MH "Dairy Products+") OR (MH "Cholesterol, Dietary") OR (MH "Butter")

S2 "red meat"

S3 "pork"

S4 "beef"

S5 (MH "Diet+")

S6 (MH "Eating Behavior+")

S7 S1 OR S2 OR S3 OR S4 OR S5 OR S6

S8 (MH "Gut Microbiota")

S9 "Microbiota" OR "Microbiome"

S10 "gastrointestinal" OR "enteric" OR "intestinal" OR "colonic" OR "gut"

S11 (MH "Microbiota+") OR "microbiota" OR "microflora" OR "flora" OR "microbiome" OR (MH "Bacteria+") OR "bacterium"

S12 S10 AND S11

S13 "gut microbiota-derived" OR "gut-derived" OR "microbial"

S14 "metabolites"

S15 S13 AND S14

S16 "uremic toxins" OR "GDUT" OR "trimethylammonium oxide" OR "trimethylamine N-oxide" OR "TMAO" OR "trimethylamine oxide" OR "p-cresyl sulfate" OR "p cresyl glucuronide" OR "phenylacetylglutamine" OR (MH "Phytoestrogens+") OR "anthocyanins" OR (MH "Lipopolysaccharides")

S17 (MH "Fatty Acids, Volatile+")

S18 (MH "Bile Acids and Salts")

S19 S8 OR S9 OR S12 OR S15 OR S16 OR S17 OR S18

S20 S7 AND S19