

Supplementary Table 1. Search strategy in CENTRAL, PubMed and EMBASE databases

CENTRAL
#1 MeSH descriptor: [Prebiotics] explode all trees
#2 MeSH descriptor: [Probiotics] explode all trees
#3 MeSH descriptor: [Synbiotics] explode all trees
#4 MeSH descriptor: [Lactobacillus] explode all trees
#5 MeSH descriptor: [Inulin] explode all trees
#6 MeSH descriptor: [Bifidobacterium] explode all trees
#7 (probiotic or probiotics or prebiotics or prebiotic or synbiotics or synbiotics or lactobacillus or lactobacilli or bifidobacterium or bifidobacteria or oligofructose or inulin):ti,ab,kw (Word variations have been searched)
#8 MeSH descriptor: [Creatinine] explode all trees
#9 (creatinine):ti,ab,kw (Word variations have been searched)
#10 #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7
#11 #8OR #9
#12 #10 AND #11
PubMed
(((((((((((((((((((((Probiotics[MeSH Terms]) OR (Probiotics[Text Word])) OR (Probiotic[Text Word])) OR (Prebiotics[MeSH Terms])) OR (Prebiotics[Text Word])) OR (Prebiotic[Text Word])) OR (Synbiotics[MeSH Terms])) OR (Synbiotics[Text Word])) OR (Synbiotic[Text Word])) OR (Lactobacillus[MeSH Terms])) OR (Lactobacillus[Text Word])) OR (Lactobacilli[Text Word])) OR (Bifidobacterium[MeSH Terms])) OR (Bifidobacterium[Text Word])) OR (bifidobacteria[Text Word])) OR (oligofructose[Text Word])) OR (Inulin[MeSH Terms])) OR (Inulin[Text Word])) AND ((creatinine[MeSH Terms]) OR (creatinine[Text Word])) AND (((Randomized Controlled Trial[MeSH Terms]) OR (Randomized Controlled Trial[Text Word])) OR (Randomized[Text Word])) OR (placebo[Text Word]))
EMBASE
#1. 'prebiotics' OR 'prebiotic':ab,kw,ti
#2. 'synbiotics' OR 'synbiotic':ab,kw,ti
#3. 'probiotics' OR 'probiotic':ab,kw,ti
#4. 'lactobacillus'/exp OR 'lactobacillus':ab,kw,ti
#5. 'lactobacilli':ab,kw,ti
#6. 'bifidobacterium'/exp OR 'bifidobacterium' OR 'bifidobacteria':ab,kw,ti
#7. 'oligofructose'/exp OR 'oligofructose':ab,kw,ti
#8. 'inulin'/exp OR 'inulin':ab,kw,ti
#9. e'cr atinine'/exp OR creatinine
#10. 'randomized controlled trial':ab,kw,ti
#11. 'randomized controlled trial'/exp
#12. #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8
#13. #10 OR #11
#14. #9 AND #12 AND #13