

## APÊNDICE B - Search strategy

**Table S1:** Detailed search strategies.

Search strategies
<b>PUBMED: 194 reports</b>
<p>#1 Fructose [ Mesh Terms ] OR "Levulose" OR "Fleboplast Levulosa " OR " Levulosa , Fleboplast " OR " Levulosa Grifols "OR" Levulated Vitulia " OR " Levulosa Braun" OR " Levulosado Braun" OR " Levulosa Ife "OR" Yeast Bieffe Medit "OR" Apir Levulosa " OR " Levulosa , Apir " OR " Levulosa Mein " OR " Plast Apyr Levulosa Mein" OR " Levulosa Ibys " OR " Levulosa Baxter" OR " Levulosa "</p> <p>#2 Microbiota [Mesh Terms] OR "Microbiotas" OR "Microbial Community" OR "Community, Microbial" OR "Microbial Communities" OR "Microbial Community Composition" OR "Community Composition, Microbial" OR "Composition, Microbial Community" OR "Microbial Community Compositions" OR "Microbial Community Structure" OR "Community Structure, Microbial" OR "Microbial Community Structures" OR "Human Microbiome" OR "Human Microbiomes" OR "Microbiome, Human" OR "Microbiome" OR "Microbiomes" OR "Gastrointestinal Microbiome "[Mesh Terms] OR "Gastrointestinal Microbiomes" OR "Microbiome, Gastrointestinal" OR "Gut Microbiome" OR "Gut Microbiomes" OR "Microbiome, Gut" OR "Gut Microflora" OR "Microflora, Gut" OR "Gut Microbiota" OR " Gut Microbiota" OR "Microbiota, Gut" OR "Gastrointestinal Flora" OR "Flora, Gastrointestinal" OR "Gut Flora" OR "Flora, Gut" OR "Gastrointestinal Microbiota" OR "Gastrointestinal Microbiota" OR "Microbiota, Gastrointestinal" OR "Gastrointestinal Microbial Community" OR "Gastrointestinal Microbial Communities" OR "Microbial Community, Gastrointestinal" OR "Gastrointestinal Microflora" OR "Microflora, Gastrointestinal" OR "Intestinal Microbiome" OR "Intestinal Microbiomes" OR "Microbiome, Intestinal" OR "Intestinal Microbiota" OR " Intestinal Microbiota" OR "Microbiota, Intestinal" OR "Intestinal Microflora" OR "Microflora, Intestinal" OR "Intestinal Flora" OR "Flora, Intestinal" OR "Enteric Bacteria" OR "Bacteria, Enteric" OR Dysbiosis [Mesh Terms] OR " Dysbioses " OR " Dysbiosis " OR " Dysbioses " OR " Dys -symbiosis" OR " Dys symbiosis" OR " Dys -symbioses" OR "Dysbacteriosis" OR " Dysbacterioses " OR " Dysbacteriosis " OR " Dysbacterioses "</p> <p>#3 ("Clinical Trial"[PT] OR "Comparative Study"[PT] OR "Evaluation study"[PT] OR "Cross-Over Studies"[ MeSH ] OR "Clinical Trials as Topic"[ MeSH ] OR random * [TIAB] OR controll * [TIAB] OR "intervention study"[TIAB] OR "experimental study"[TIAB] OR trial[TIAB] OR trials[TIAB] OR evaluat * [TIAB] OR repeat*[TIAB ] OR compar * [TIAB] OR versus[TIAB] OR "before and after"[TIAB] OR "interrupted time series"[TIAB]) NOT ("Animals"[ MeSH ] NOT (Animals[ MeSH ] AND "Humans"[ MeSH ]))</p>
<b>Embase: 1104 reports</b>
<p>#1 `fructose'/exp OR `fructose'/exp</p> <p>#2 `microflora'/exp OR `microflora'/syn OR `intestine flora'/exp OR `intestine flora'/syn OR `dysbiosis'/exp OR `dysbiosis'/syn</p> <p>#3 (`randomized controlled trial'/exp OR `clinical trial'/exp OR `comparative study'/exp OR `controlled study'/de OR `evaluation study'/de OR `human experiment'/exp OR random*: ab ,ti OR control*: ab,ti OR `intervention study': ab,ti OR `experimental study': ab,ti OR trial:ab,ti OR trials:ab,ti OR compar *: ab,ti OR repeat*: ab,ti OR crossover:ab,ti OR `double blind': ab,ti OR evaluat *: ab,ti OR `before and after': ab,ti OR `interrupted time series': ab,ti ) NOT (`animal '/exp NOT `human'/exp)</p> <p>#4 (`randomized controlled trial'/exp OR `clinical trial'/exp OR `comparative study'/exp OR `controlled study'/de OR `evaluation study'/de OR `human experiment'/exp OR random*: ab ,ti OR control*: ab,ti OR `intervention study': ab,ti OR `experimental study': ab,ti OR trial:ab,ti OR trials:ab,ti OR compar *: ab,ti OR repeat*: ab,ti OR crossover:ab,ti OR `double blind': ab,ti OR evaluat *: ab,ti OR `before and after': ab,ti OR `interrupted time series': ab,ti ) NOT (`animal '/exp NOT `human'/exp)</p> <p>#5 #1 AND #2 AND #3 AND #4</p>

**CENTRAL (by Cochrane Library)**

#1

MeSH descriptor: [Fructose] explodes all trees

1014 studies

#2

MeSH descriptor: [Microbiota] explodes all trees

1297 studies

#3

MeSH descriptor: [Gastrointestinal Microbiome] explodes all trees

991 studies

#4

MeSH descriptor: [Dysbiosis] explodes all trees

138 studies

#5

#2 OR #3 OR #4

1365 studies

#6

#1 AND #5

2 studies