0, 0.4, 4 and 40 mg AgAc/kg/d
n=10/dose/sex

microbiota homogenization

40 F
40 M

wk 2

wk 4

wk 12

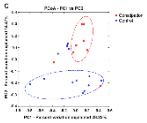
weight

whole blood Ag
plasma Cu, Se
ceruloplasmin
feces Ag

weight
whole blood Ag
plasma Cu, Se
ceruloplasmin
organ weight/histopath
organ Ag
gut histopath/transcriptome
fecal Ag

fecal 16s rRNA seq

OTU assignment
α- and β-diversity
PCoA, correlation, …



Influence of dietary Ag on the gut microbiota in rats

(S. van den Brule, D. Lison; Apr 2018)