

Cohort 1

Cohort 2

Day -15:
Six-week old mice arrive and
begin determined diet

Day -8:
Mice are switched to water
with an antibiotic cocktail

Day -3:
Mice stop receiving antibiotic
cocktail in water

Day -1:
Clindamycin injection

Day 0:
C. difficile infection

Day 3:
Mice sacrificed,
cecal contents harvested,
quantification
(SCFAs, toxins A&B,
bile acids,
16S rDNA sequencing),
colon and cecum histology
and hypoxia measurements

-15

-8

-3

-1

0

3

16S rDNA Stool Sequencing