

Metagenomics BE487/587 (3 credits)

Shantz Building Rm. 440

Tuesday and Thursday 12:30-1:45pm

Instructors: Dr. Bonnie Hurwitz (bhurwitz@email.arizona.edu)
Dr. Jana U'Ren (juren@email.arizona.edu)

In this collaborative, hands-on course students will learn the core biological concepts of microbiome science and practical bioinformatics approaches for analyzing large-scale next-generation sequencing datasets.

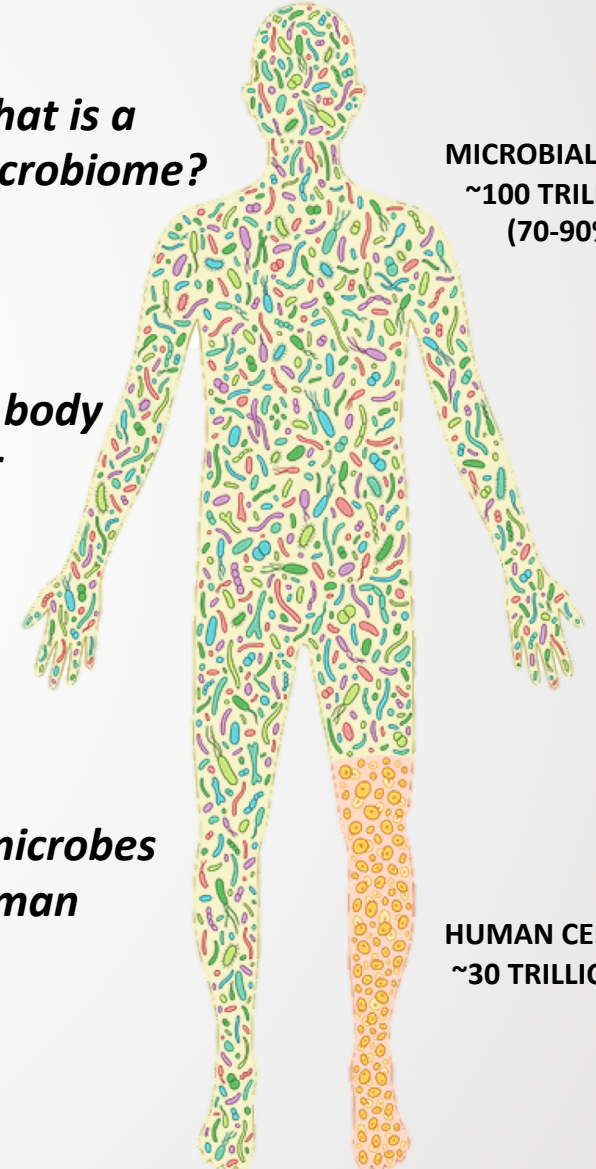
Did you know that each person has more microbial cells than humans cells?

What is a microbiome?

MICROBIAL CELLS
~100 TRILLION
(70-90%)

Do different body parts harbor different microbes?

How do microbes affect human health?



HUMAN CELLS
~30 TRILLION