

## MICB 305 Meeting Agenda Week 4

Research Question: How does the functionality of vitamin D-metabolizing microbes contribute to disease severity in Multiple Sclerosis?

quick check-in

- were there any difficulties when running code/ literature search?

Literature review discussion

- Review key findings most relevant to our research question
- Align taxonomy and analysis focus with existing literature

Taxonomy planning

- Decide on taxonomy assignment approach and reference database
- Discuss appropriate taxonomy level(s) for analysis

Analysis planning

- Discuss how taxonomic results will be summarized
- Identify key variables of interest (Vitamin D, EDSS, MSSS, etc.)
  - subset dataframe?
- Decide which potential confounding variables should be considered