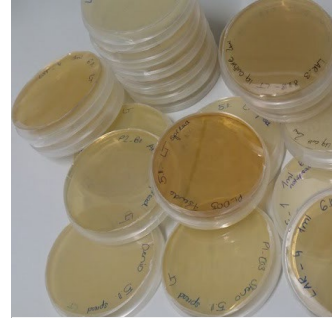
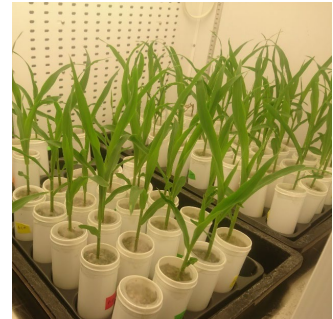


# MBOA metabolism by maize root bacteria

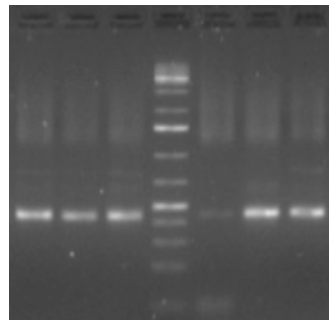
You learn/work with:



Microbiology

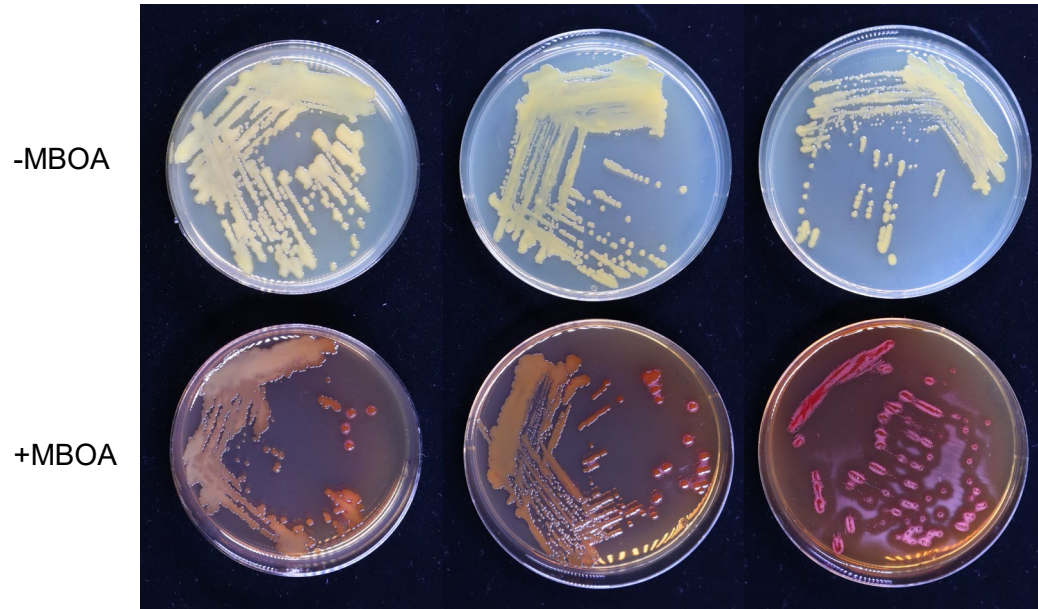


Zea mays

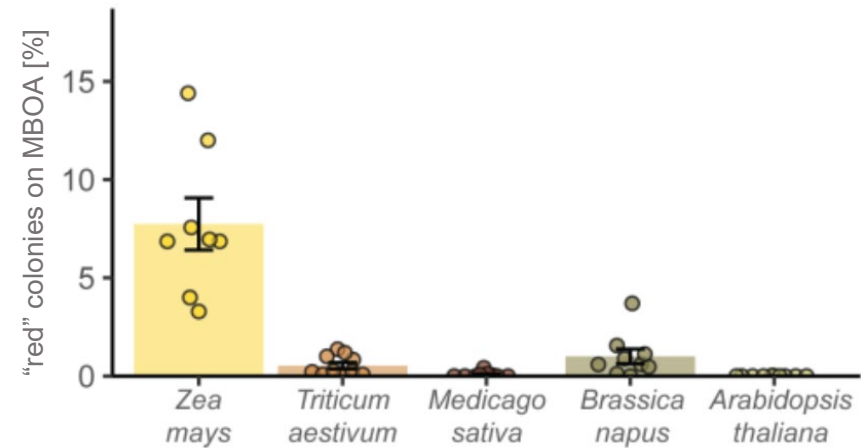


Molbiology

**Observation:** Maize root exudates contain antimicrobial compounds (benzoxazinoids) that shape the root and rhizosphere microbiome. Maize root bacteria can cope better with these compounds than Arabidopsis root bacteria.



Root microbiota



You investigate how maize bacteria tolerate/metabolise antimicrobial benzoxazinoids and how this affects maize colonization and microbiome community assembly.