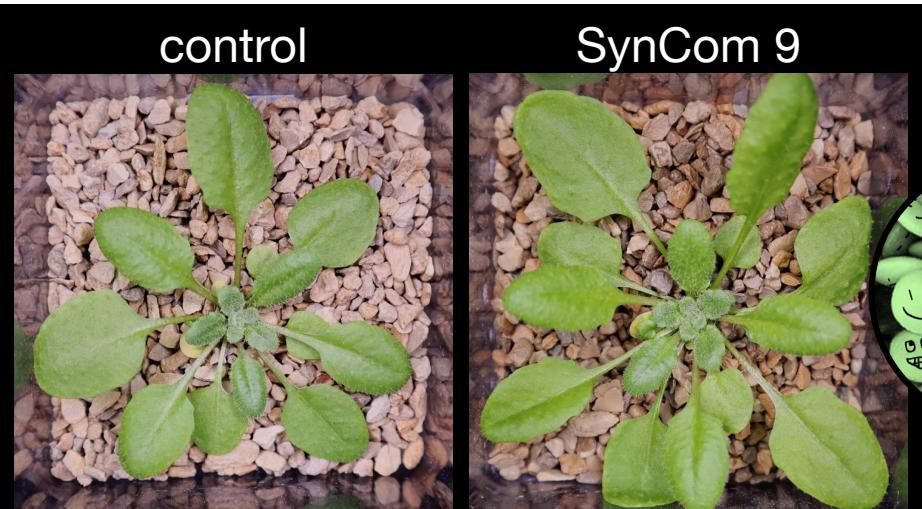


# Microbiome dysbiosis

You learn/work with:

**Observation:** A synthetic community of 9 bacteria (SynCom 9) promotes growth in open pots (low humidity). The same SynCom 9 provokes a phenotype of 'water soaked leaves' in closed microcosms and humid conditions.

Open  
dry



Closed  
humid



You investigate what underlies microbiome dysbiosis and why that causes such drastic phenotype switches.



Microcosms



*A. thaliana*



Microbiology