

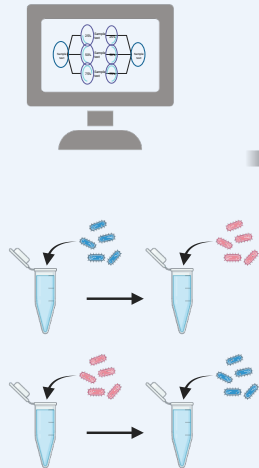
Develop a statistical method to quantify priority effects

Aim 1: New Modeling Approach

- Develop mathematical foundation
- Performance validation *in silico*

Aim 2: Experimental Validation

- Experimental manipulation of species introduction
- Performance validation *in vitro*



When are priority effects strong on the human gut microbiota?

Aim 3: Application to Observational Data

