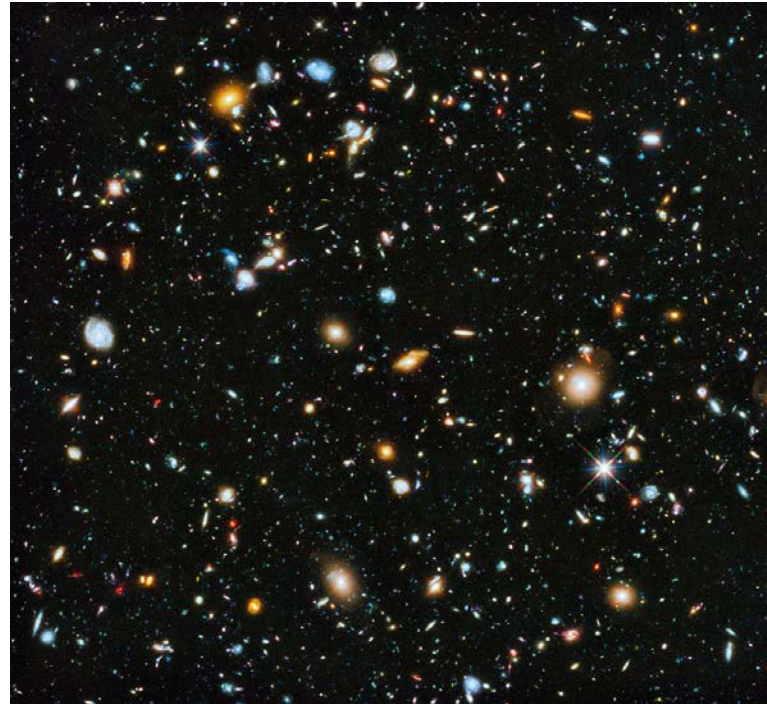## Create the computational microbial universe:
Uncovering dependencies, driving experiments, predicting behaviors

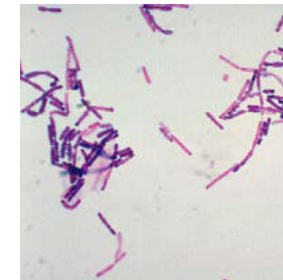*Salmonella enterica*

Escherichia coli

Pseudomonas aeruginosa

Bacillus subtilis

✓Large **data integration**
✓Scalable, predictive **models**
✓Optimal design **algorithms**