

Computational Methods in Systems Biology and Biotechnology

Research group Ass.-Prof. Steffen Waldherr, <https://ufind.univie.ac.at/de/person.html?id=114290>

General research areas

- Construction, simulation, and analysis of metabolic network models, dynamic gene expression, and microbial growth dynamics
- Time series modelling and parameter estimation for bioprocess and biomolecular network models

Currently available student projects

- Modelling of metabolic network in microbial and microbe-plant interactions
- Statistical methods for time series analysis of high-dimensional omics data

