



University
of Basel

Department
Biozentrum



Swiss Institute of
Bioinformatics

BIOZENTRUM

The Center for
Molecular Life Sciences

Basel Computational Biology Seminar
21563 Current research in Bioinformatics II

Prof. Ulrich Gerland

*Technical University of Munich
Munich, Germany*

Survival and competition dynamics of starving bacteria

Natural selection between different genetic variants of bacteria is the ultimate outcome of a complex population dynamics, involving all phases of the bacterial life cycle. How this outcome comes about is far from understood. This is especially true for the population dynamics during starvation conditions. I will describe and discuss our recent efforts, both published and unpublished, to reveal some of the complexity in the survival and competition dynamics of starving *Escherichia coli* populations.

Date: Monday, April 29, 2024
Time: 16:45 h
Location: Biozentrum, U1.193
Contact: Bor Kavčič (bor.kavcic@unibas.ch)