

# SFB 960-/BZR – Kolloquium

26. November 2015, 14.00 Uhr

Neubau Biologie, H 53



## Prof. Dr. Victor Sourjik

Max-Planck-Institut für terrestrische  
Mikrobiologie, Marburg

### “Bacterial chemotaxis – principles and applications”

#### Abstract:

Bacterial chemotaxis is one of the most thoroughly studied signaling systems in biology. We are interested in understanding *Escherichia coli* chemotaxis as an evolutionary optimized system, which has been selected for such properties as high sensitivity, signal integration, rapid response and robustness. We are further using plasticity of the chemotaxis system to design sensitive and versatile biosensors that can detect a wide range of chemical compounds.

Host: Dr. Annett Bellack / Prof. Dr. Michael Thomm  
Lehrstuhl für Mikrobiologie  
annett.bellack@ur.de



Universität Regensburg

Biochemie-Zentrum Regensburg