

**6th meeting - Antibiotics Platform at the Institute of Medical Microbiology, UZH**

**Organized by PD Oliver Nolte and Prof. Markus Seeger - Date: Wed 25. Sep 2024**

**Morning session**

10.00 – 10.10 Welcome by PD Oliver Nolte and Prof. Markus Seeger

10.10 – 10.30 Dr. Damien Morger, rqmicro AG, Schlieren: **“E. coli Monitoring using Nanobodies with Broad Species Coverage”**

10.30 – 10.50 Dr. Shawna McCallin, Balgrist: **“A two phage cocktail for the treatment of UTI”**

10.50 – 11.10 Prof. Oliver Zerbe, UZH: **“Very potent macrocyclic peptide antibiotics directed against a novel target, the LPS transport pathway”**

11.10 – 11.30 Prof. Pilar Junier, Uni Neuchatel: **“Exploiting microbial interactions to fight fungal pathogens in the respiratory track”**

11.30 – 11.50 Dr. Alex Sturm, Resistell, MuttENZ: **“High-Performance Ultra-Rapid Antimicrobial Susceptibility Testing Using Nanomotion Technology and Supervised Machine Learning”**

11.50 – 12.20 Dr. Michel Pieren, Bioversys, Basel: **“AlpE – a novel drug combination for treatment of TB”**

\*\*\*\*\*

12.20 – 13.30 Lunch at Institute of Medical Microbiology – Networking

\*\*\*\*\*

**Afternoon session**

13.30 – 13.40 Welcome address – Prof. Laura Dick, FHNW, President biotechnet

13.40 – 14.10 Prof. Christoph Dehio, NCCR Antiresist: **“Physiological *in vitro* models for studying the pathogenesis and treatment of urinary tract infections”**

14.10 – 14.30 Dr. Alexander Kettner, Olgram, Geneva: **“TBA”**

14.30 – 14.50 Prof. Jörg Jores, VetSuisse Berne: **“Synthetic Genomics-based Organisms to Assist AMR Control”**

14.50 – 15.05 Dr. Markus Huemer, Microeos: **“Microeos Pharmaceuticals- engineering precision antimicrobials”**

15.05-15.20 Prof. Steffi Lehmann, ZHAW: **“A zebrafish larvae-based platform for antimicrobial efficacy screening”**

15.20 – 15.40 PD Oliver Nolte, UZH, Zurich: „Automation and digitalization in the clinical microbiology laboratory – challenges and opportunities“

15.40 – 16.30 Visit of the Diagnostics and Research labs of the Institute of Medical Microbiology

15.40 – 17.30 Apéro on site

## Directions

Institute of Medical Microbiology, Gloriastrasse 30, 8006 Zürich (see arrow below)

