

## TANDEM Spring Meeting, 07 March 2022.

Microsoft Teams

<https://bit.ly/3oPF9BW>



UNIVERSITÄT  
DES  
SAARLANDES

**HIPS**  
**TANDEM**

**12:00-12:15 Welcome** (*Claus-Michael Lehr, Markus Meyer, Ahmad Aljohmani & Jacqueline Rehner*)

**12:15-13:00 Invited Guest Speaker:** "Bacterial commensals impair nasal colonization by *Staphylococcus aureus*", *Prof. Dr. Andreas Peschel, Institute for Microbiology and Infection Medicine, Universität Tübingen. (35 min presentation+10 min discussion).*

**13:00 Scientific Session 1** (*each talk 10 min presentation + 5 min open discussion*) moderated by **Ahmad Aljohmani**

13:00 – 13:15

"Bacterial EVs trigger inflammatory responses via NF- $\kappa$ B/AP- pathway", *Arefeh Kardani, Alexandra K. Kiemer, Gregor Fuhrmann*

13:15 – 13:30

"Nucleic acids in extracellular vesicles and their function in cell-to-cell communication", *Laura Groeger, Eckart Meese, Gregor Fuhrmann*

13:30 – 13:45

"Cellular interactions of muraymycin nucleoside antibiotics", *Pierre Junghanns, Christian Ducho, Sören Becker*

13:45 – 14:00

"Synthesize and design novel fluorescent/pH-responsive drug delivery carriers targeting infectious diseases", *Justine Bassil, Claus-Michael Lehr, Anna K. H. Hirsch*

**14:00-14:15 Break**

**14:15 Scientific Session 2** (*each talk 10 min presentation + 5 min open discussion*) moderated by **Jacqueline Rehner**

14:15 – 14:30

"Evaluation of seven extraction methods for untargeted metabolomic studies in mycobacterial infected zebrafish larvae", *Philip Schippers, Markus Meyer, Jennifer Herrmann*

14:30 – 14:45

"The effect of EclA on the pathogenesis of *Enterobacter cloacae*", *Mario Fares, Alexander Titz, Markus Bischoff*

14:45 – 15:00

"Anti-biofilm activity and potential synergism of rhamnolipids in staphylococcal skin infections ", *Sarah Frisch, Claus-Michael Lehr, Thomas Vogt*

15:00 – 15:15

" New Anti-infective Drug Targets: MEP Pathway Enzymes", *Zhoor Hamid, Anna K. H. Hirsch, Jesko Köhnke*

**15:15 – 15:30 Open Forum** (*Claus-Michael Lehr, Markus Meyer*)

**15:30 – 16:00 Pls Meeting**