



International Research Training Groups (IRTG) – Deutsche Forschungsgemeinschaft (DFG) Workshop

on

Deciphering Respiratory Bacterial Niches and Molecular Mechanisms: Unraveling Organelle Dynamics During Infection

Aim: To address critical gaps in our understanding of respiratory bacterial infections by focusing on the dynamic interactions between bacterial pathogens and host organelles during infection.

Topics: Cellular Metabolomics, Disease Immunology, Single-cell Transcriptomics, 3D Organoids, Artificial Intelligence, Cell Biology, Bioinformatics, Microbiology, 3D-bioprinting, Biomedical Imaging, Biomedical Signal and Image Processing, and Structural Biology

Organizing Team

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List of Speakers

- **Prof. Thomas Rudel**, Julius Maximilians University, Würzburg, Germany
- **Prof. Srikanth Karnati**, Julius Maximilians University, Würzburg, Germany
- **Dr. Jan Dudek**, University Hospital of Würzburg, Germany
- **Prof. Philipp Wörsdörfer**, Julius Maximilians University, Würzburg, Germany
- **Prof. Süleyman Ergün**, Julius Maximilians University, Würzburg, Germany
- **Prof. Manfred Lutz**, Julius Maximilians University, Würzburg, Germany
- **Prof. Markus Sauer**, Julius Maximilians University, Würzburg, Germany
- **Dr. Bipasa Kar**, Julius Maximilians University, Würzburg, Germany
- **Prof. Antoine-Emmanuel Saliba**, Julius Maximilians University, Würzburg, Germany
- **Prof. Katrin Streckfuß-Bömeke**, Julius Maximilians University, Würzburg, Germany
- **Dr. Gholamreza Fazeli**, Julius Maximilians University, Würzburg, Germany
- **Prof. Ulrich Schaible**, Research Center Borstel Leibniz Lung Center, Germany
- **Dr. Anand Aby**, Research Center Borstel Leibniz Lung Center, Germany
- **Prof. Gareth Prosser**, Research Center Borstel Leibniz Lung Center, Germany
- **Prof. Gobardhan Das**, IISER Bhopal
- **Prof. Anirban Banerjee**, IIT Bombay
- **Prof. Nisheeth Agarwal**, THSTI, Faridabad
- **Dr. Deepti Jain**, RCB, Faridabad
- **Dr. Jeetender Chugh**, IISER Pune
- **Dr. Sunil Raghav**, ILS Bhubaneswar
- **Dr. Jitendra Singh**, AIIMS Bhopal
- **Prof. Avinash Sonawane**, IIT Indore
- **Prof. I. A. Palani**, IIT Indore
- **Dr. Hem Chandra Jha**, IIT Indore
- **Dr. Parimal Kar**, IIT Indore
- **Prof. Aruna Tiwari**, IIT Indore
- **Prof. Chelvam Venkatesh**, IIT Indore
- **Prof. Srivathsan Vasudevan**, IIT Indore
- **Dr. M Tanveer**, IIT Indore
- **Dr. Sunil Boda**, IIT Indore
- **Dr. Lokesh Basavarajappa**, IIT Indore
- **Dr. Hitendra Kumar**, IIT Indore

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April 11-13, 2024