



Schedule

Schedule

09:30 – 10:00 Registration

Opening – Chair: Dennis Hinkel, Anna Dingfelder

10:00 – 10:30 Christian Denkhaus: Welcome and History of the Institute

10:30 – 12:00 Facility tours: mosquito/fish/frogs/flies

Lunch break

12:00 – 13:00 Lunch in the Foyer

Scientific Session I – Chair: Niranjan Srikanth

13:00 – 13:30 Simone Reber:

Opportunities & challenges: Studying microtubules from ectotherms

13:30 – 14:00 Olivia Majer:

Innate Immune Regulation of Toll-like receptors

Coffee break

14:00 – 14:30 Coffee

Scientific Session II – Chair: Hala Mazloun, Hager Elsheikh

14:30 - 14:50 Abhishek Singh, Ole Schmöcker, Sophie Möller:
The ubiquitin system as a linchpin in infection and inflammation

14:50 - 15:10 Larissa M. Busch, Supradipta De, Celina Wümer
Insights in infection models of Gram-positive bacteria

15:10 - 15:30 Chistopher Saade, Shruthi Peringathara, Hannes Wolfgramm:
Hunting for substrates: The physiological role of
S. aureus serine protease-like proteins

Scientific Session II – Chair: Anna Dingfelder, Dennis Hinkel

15:30 - 15:45 Sergio Gonzales San Miguel:
From human Hematopoietic Stem Cells to CRISPR-
edited neutrophils

15:45 - 16:00 Dora Cerina:
Neutrophil extracellular traps induce a novel regulatory
system in uropathogenic *Escherichia coli*

16:00 - 16:15 Niranjan Srikanth:
IRAK4 phosphorylation controls inflammatory signaling
by controlling IRAK1/2/3 oligomerization

16:15 – 16:30 Alexandra Hrdina:
Immune role of *Drosophila melanogaster* putative
Kazal-type serine protease inhibitor CG14933

Poster Session

16:30 - 18:30 Posters and Drinks kindly supported by **Microsynth** SEQLAB

Networking and Get-Together

18:30 Socializing and joined pizza ordering (not
covered by the symposium)

Microsynth SEQLAB

We thank our sponsor, Microsynth Seqlab, for its valuable support. Microsynth is a leading European company specializing in nucleic acid synthesis and analysis for applications in basic research, diagnostics, and therapeutics. The company's mission is to serve its customers by delivering products and services of the highest quality, on time and with outstanding service – all at competitive prices. We appreciate their kind contribution to this event.