

# 14th Lower Saxony International Summer Academy in Infection and Immunology



24 August - 12 September 2025

Registration open until 30 March 2025

Inflammation, regeneration and immunity

Basic aspects, novel approaches and experimental models



## Workshop topics

- Pathogen sensing, mouse models
- Induction of pathogen-specific immunity
- Infection of organs
- Genetic and environmental impact on infection
- scRNAseq workshop
- Intervention strategies

## Who can apply?

The workshop will provide top-level training for young students of biosciences & medicine (Bachelor / Master degree) who plan to pursue a PhD in immunology.

Includes one week of lectures and up to two weeks of hands-on training (lab rotation).

Participation is limited to 40 young researchers.

Travel grants are available for all international students.

## Faculty

### TWINCORE

Camille Andrieu, Matthias Bruhn, Christine Ehlers, Ulrich Kalinke, Felix Mulenge, Andreas Pavlou

### MHH

Georg Behrens, André Bleich, Berislav Bosnjak, Markus Cornberg, Daniel Depledge, Anna-Maria Dittrich, Britta Eiz-Vesper, Niko Föger, Guntram Grassl, Jenny Kühne, Susanne Kruse, Nico Lachmann, Kyeong-Hee Lee, Matthias Lochner, Ulrich Martin, Sarina Ravens, Lennart Rösner, Axel Schambach, Dirk Schlüter, Abel Viejo Borbolla

### Fraunhofer ITEM

Armin Braun

### HZI

Luka Cicin-Sain, Carlos Guzman, Till Strowig, Saumya Dileep Kumar

### RESIST

Benjamin Vollmer

