

1ST CRC DECIDE INTERNATIONAL SYMPOSIUM

CRC 1583

“DECISIONS IN INFECTIOUS DISEASES”

DATE

March 22 - 24, 2026

VENUE

**Hotel Melchior Park
Am Galgenberg 49
97074 Würzburg**



DECIDE

DECisions in **Infectious Diseases**



SCIENTIFIC PROGRAMME

Sunday, March 22, 2026

From 13:00 **Arrival of delegates & Registration**

13:00 - 14:00 **Lunch**

14:00 – 16:05 **Session 1**

Chairs: Mercedes Gomez & Fergal Hamrock

14:00 - 14:25 **Camilla Ciolli-Mattioli, DECIDE**

Image-enabled cell sorting coupled with transposon sequencing reveals bacterial determinants of intracellular replication heterogeneity

14:25 - 14:50 **Lars Dölken, DECIDE**

Host cell Z-RNAs arising from viral disruption of transcription termination trigger ZBP1-mediated cell death during lytic HSV-1 and IAV infections

14:50 - 15:05 **Alexandra Tietze, DECIDE**

Drug combination screen on Salmonella persists in Macrophages identified synergistic drug interactions

15:05 - 15:20 **Tobias Köhler, DECIDE**

IL-22 induced by C. albicans reduces the severity of invasive S. aureus pneumonia in mice

15:20 - 15:35 **Helene Hemmer, DECIDE**

Heterologous viral infections induce long-lasting antiviral states in lung parenchymal cells

15:35 - 15:50 **Anfei Huang, DECIDE**

Emergency dendritic cell-poiesis drives CD8 T cell exhaustion

15:50 - 16:05 **Hao Wu, DECIDE**

GLUT3 promotes stemness and survival of activated CD8 T cells

16:05 - 17:00 **Coffee Break & Get-together**

17:00 - 17:15 **Welcome note & Opening Remarks, Thomas Rudel**

17:15 - 18:00 **Keynote lecture, Andreas Wack, The Francis Crick Institute, UK**

Endogenous and exogenous interferons in viral infections: benefits, risks, timings and intervention points

18:30 - 20:00 **Dinner & Get-together**

20:00 **Poster Session**

Monday, March 23, 2026

08:30 - 10:10 **Session 2: Immunology**
Chairs: Wolfgang Kastenmüller & Tobias Köhler

08:30 - 08:55 **Christian Münz**, University Zürich, Switzerland
Neuroinflammation as a result of non-neurotropic herpesvirus infection

08:55 - 09:20 **Georg Gasteiger**, DECIDE
Different Guards, Same Grounds: Spatial Orchestration of Tissue Surveillance by Memory T Cells

09:20 - 09:45 **Dorothee Viemann**, DECIDE
TBC

09:45 - 10:10 **Susanne Herold**, UKGM Giessen, Germany
TBC

10:10 - 10:45 **Coffee Break**

10:45 - 12:25 **Session 3: Pathogen & Tissue Interactions**
Chairs: Martin Vähä & Lisa Chiggiato

10:45 - 11:10 **Georg Häcker**, University Hospital Freiburg, Germany
Sub-lethal signals in the mitochondrial apoptosis pathway as contributors to infection

11:10 - 11:35 **Katarzyna Jobin**, DECIDE
Host hyaluronan as a molecular decision point controlling bacterial spread from the urinary tract

11:35 - 12:00 **Melanie Hamon**, Pasteur Institute, France
Bacteria mediated histone modification

12:00 - 12:25 **Lena Pernas**, UCLA, USA
Social sensing of infection reprograms peripheral immunity in healthy mice

12:30 - 14:00 **Lunch**

14:00 - 15:40 **Session 4: Advanced Infection Models & Technologies**
Chairs: Alexander Westermann & Stefan Oberlin

14:00 - 14:25 **Alexander Mosig**, University Hospital Jena, Germany
Microphysiological Models of Gut and Lung to Study Host-Pathogen Interaction

14:25 - 14:50 **Carmen Aguilar**, DECIDE
PPAP: a host molecular decision point for UPEC invasion into luminal prostate cells

14:50 - 15:15 **Dominic Grün**, DECIDE
Decoding the cellular circuitry of organ tissues with spatial transcriptomics

15:15 - 15:40 **Scott Younger**, Children's Mercy Research Institute Kansas, USA
Scalable approaches for modeling rare disease in patient-derived organoid systems

16:00 - 18:00 **Poster Session & Networking**

18:00 - 20:00 **Dinner & Get-together**

20:30 - 22:00 **Night Watchman Tour of Würzburg Tour (Optional)**

Tuesday, March 24, 2026

09:00 - 10:40 **Session 5: Microbiome**
Chairs: Franziska Faber & Nahyung Ko

09:00 - 09:25 **Jan Hendrick Niess**, Clarunis, Basel, Switzerland
Barrier Functions in the Colon and Esophagus

09:25 - 09:50 **Jacob Zimmermann**, DECIDE
Induction, persistence, and function of gut microbe-specific memory TH cells

09:50 - 10:15 **Irah King**, McGill University Montreal, USA
Innately understanding host-microbiome interactions in the early life intestine

10:15 - 10:40 **Andreas Peschel**, University Tübingen, Germany
The perks of being a pathogen – an ecological perspective of staphylococcal infections

10:40 - 11:15 **Coffee Break**

11:15 - 12:55 **Session 6: Host-directed Therapies & Anti-infectives**
Chairs: Oliver Kurzai & Valentina Cosi

11:15 - 11:40 **Mariana Xavier Byndloss**, Vanderbilt University Medical, Nashville, USA
Can diet override genetic resistance to Salmonella infection

11:40 - 12:05 **Stefan Ludwig**, University of Münster, Germany
Towards a novel host-targeted strategy against hyperinflammatory respiratory viral diseases

12:05 - 12:30 **Thomas Pietschmann**, Twincore Hannover, Germany
Decoding the molecular basis of severe respiratory syncytial virus infection

12:30 - 12:55 **Jörg Vogel**, DECIDE
TBC

12:55 - 13:15 **Poster Prize & Concluding Remarks**

13:15 **Lunch & Departure**