

PROGRAMME

Tuesday, November 25

11:30	Arrival and Registration
12.00	Lunch
13.00	Welcome by Reinhold Förster
SESSION 1 Chairs: Gesine Hansen & Sarina Ravens	
13.10	Niklas Björkström <i>Inflammation and tissue imprinting as determinants of human susceptibility to infection</i>
13.45	Annika Freise-Rode <i>Decoding Microbial and Host Signatures in Primary Sclerosing Cholangitis (PSC) using a Multi-Omics Approach</i>
14.10	Kathrin de la Rosa <i>Decoding Antibody Class-Switch Signatures to Unravel Infection Susceptibility</i>
14.35	Matthias Bruhn <i>Somatic hypermutation after JN.1-adapted vaccination repurposes ancestral memory B cells for future virus variant neutralization</i>
15.00	Coffee break
SESSION 2 Chairs: Kathrin de la Rosa & Berislav Bosnjak	
15.30	Markus Cornberg <i>Cirrhosis-Associated Immune Dysfunction: The Role of CD8⁺ Bystander T Cells and Their Modulation</i>
15.55	Francois-Loic Cosset <i>The Crimean-Congo hemorrhagic fever virus hijacks the liver lipid metabolism pathway for virion production</i>
16.30	Sabine Pirr <i>The COVID-19 lockdown is associated with impaired systemic immune maturation in preterm infants</i>
16.55	Tao Yang <i>A single-cell transcriptomic atlas of human $\gamma\delta$ T cells reveals maturation traits, aging signatures, and age-specific antiviral programs</i>
17.20	Lennart Rösner <i>The impact of age on the immune system: first insights gained by the RESIST Senior Individuals Cohort</i>

PROGRAMME

Wednesday, November 26

08.15	Venue opens, Get-together Coffee
	SESSION 3 Chairs: Nataliya Di Donato & Lennart Rösner
09.00	Torsten Witte <i>Predictors of a poor prognosis of newly diagnosed spondyloarthritis</i>
09.25	Felix Rey <i>Lessons from structural studies of embecovirus-receptor interactions for entry</i>
10.00	Michele Proietti <i>RESIST-2 FAIR Data Management: Advancing SHaReD for Sustainable, Scalable and AI-Ready Biomedical Research</i>
10.25	Coffee break
	SESSION 4 Chair: Lars Dölken
10.55	Andrea Cimorelli <i>Broad antiviral responses orchestrated at the microtubule network</i>
11.30	Bodo Grimbacher <i>The usefulness of wildling mice for studying the human immune system</i>
11.55	Till Strowig <i>Moving from associations to causation in microbiome sciences</i>
12.20	Conference Foto with all participants
12.30	Lunch break
	SESSION 5 Chairs: Sabine Pirr & Till Strowig
13.40	Gomez, Nicolas <i>tRNA-epitranscriptomic control of pathogenicity by a bacterial pathogen</i>
14.05	Dirk Schlüter <i>Regulation of inflammation and pathogen control by the host ubiquitin system</i>
14.30	Mélanie Hamon <i>Mechanisms of pneumococcus-induced histone modification</i>
14.05	Marco Galardini <i>Identifying bacterial transmission clusters and genetic determinants using a largescale genomics surveillance dataset</i>
15.30	Maike Stiesch <i>Peri-implant Diseases: Integrative Microbiome-Metatranscriptome Analysis Reveals Ecological Drivers of Dysbiosis</i>
16.55	Coffee break
16.15	Poster Session
19.00	Conference Dinner with all participants at Wyndham Hotel

PROGRAMME

Thursday, November 27

08.15	Venue opens, Get-together Coffee
	SESSION 6 Chairs: Nora Schmidt & Thomas Krey
09.00	Benjamin Nilsson-Payant <i>The curious case of non-standard viral genomes</i>
09.25	Sibylle Haid <i>Single-cell analysis reveals RSV-driven ciliated-to-basal transition and loaddependent interferon suppression in airway epithelium</i>
09.50	Maria Masucci <i>Something old and something new about EBNA1</i>
10.25	Coffee break
	SESSION 7 Chairs: Beate Sodeik & Abel Viejo-Borbolla
10.55	Chris Lauber <i>Utilizing global sequencing repositories to study virus diversity and evolution</i>
10.20	Thomas Krey <i>AI-driven immunogen design for next-generation PRRSV vaccine development</i>
11.45	Alfredo Castello <i>Hidden Heroes: Nuclear RNA-binding proteins and their secret antiviral powers</i>
11.20	Ruth Verstraten <i>Defining expansions and perturbations to the RNA polymerase III transcriptome and epitranscriptome</i>
12.45	Lunch break
	SESSION 8 Chairs: Thomas F. Schulz & Daniel P. Depledge
13.45	Jens Bosse <i>Back to Reality: Rapid in vitro validation of in silico-predicted proteome-wide interaction networks</i>
14.10	Nora Schmidt <i>Pro- and antiviral roles of RNA-binding proteins in respiratory virus infections</i>
14.35	Emma Thomson <i>AAV2: A Passenger Virus That Sometimes Drives</i>
15.10	Summary, outlook and farewell
15.20	Departure