



18-19  
SEPTEMBER  
2025



PROGRAMME

TWINCORE & SLS EUROPE  
JOINT SYMPOSIUM 2025

ADVANCES IN TRANSLATIONAL INFECTION  
RESEARCH AND IMMUNOLOGY

DAY 1 | 18 SEPTEMBER 2025

08:15 - 09:00	Accreditation
09:00 - 09:10	<b>Ulrich Kalinke &amp; Leander Grode</b>   Welcome & opening remarks
09:10 - 09:40	<b>Mathias Heikenwälder (University Hospital Tübingen)</b>   Opening Lecture: The hepatic immune niche as an orchestrator of hepatic homeostasis and anti-tumor surveillance
09:40 - 10:00	<b>Mathew Palmer (Accelagen)</b>   Speed, quality and reduced costs - how biotech development activities in Australia can help achieve all three!
10:00 - 10:20	<b>Kathrin de la Rosa (Centre for Individualised Infection Medicine (CiIM))</b>   t.b.a.
10:20 - 10:40	<b>Jannick Prentø (University of Copenhagen)</b>   Structural unknowns shaping the future of HCV envelope vaccine design
10:40 - 11:10	Coffee Break
11:10 - 11:40	<b>Joe Grove (University of Glasgow)</b>   Key Note Lecture: Maximising the potential of AI structure prediction in virology Hepatitis E: Extrahepatic sites of infection
11:40 - 12:00	<b>Kerstin Ludwig (University of Bonn)</b>   LAMPseq: an efficient method for high-throughput viral diagnostics
12:00 - 12:20	<b>Jeffrey Brown (PETA Science Consortium International e.V.)</b>   Changing regulations and animal testing expectations: a therapeutic mAb case study
12:20 - 12:40	<b>Zahra Raisi-Estabragh (Queen Mary University of London)</b>   Assessing association of infections and cardiovascular remodeling in large cohort studies
12:40 - 13:00	<b>Nina Hobi (AlveoliX AG)</b>   Case Studies of NAMs and Organs-on-Chip in Preclinical Development and Regulatory Approaches
13:00 - 14:00	Lunch Break
14:00 - 14:30	<b>Stefan Kaufmann (Max Planck Institute of Infection Biology)</b>   Key Note Lecture: Breakthroughs and dualisms in immunology: From plague to CAR T cells
14:30 - 14:50	<b>Berit Lange (Helmholtz Centre for Infection Research)</b>   Understanding dynamics of respiratory infections and effectiveness of adaptive infection prevention strategies
14:50 - 15:10	<b>Karsten Fischer (Umlaut.bio GmbH)</b>   Decoding tRNA modifications
15:10 - 15:30	<b>Thomas Pietschmann (TWINCORE)</b>   Towards a Hepatitis C Virus vaccine: Insights from natural clearance and vaccine screening
15:30 - 15:50	Coffee Break
15:50 - 16:10	<b>Yannic Bartsch (TWINCORE)</b>   Non-neutralizing antibodies and their role as novel antiviral target
16:10 - 16:30	<b>Heike Gielen-Haertwig (IBT Lower Saxony)</b>   IBT Lower Saxony- For the next generation of biomedical startups in Lower Saxony

16:30 - 16:50	<b>Patrick Behrendt (TWINCORE)</b>   A novel antibody class against Hepatitis E: Advances in diagnostics and therapeutics
16:50 - 17:10	<b>Bobby Reddy (ImmunityBio Inc. (IBRX))</b>   t.b.a.
17:10 - 17:30	Coffee Break
17:30 - 18:00	Panel Discussion <b>Prof. Asisa Volz (University of Veterinary Medicine Hannover )</b> <b>Agustin Fernandez III (Rational Vaccines Inc.)</b> Global policy shifts and their impact on pharmaceutical innovation
18:00 - open end	Barbecue Live music by the band "South Town Soul"

DAY 2 | 19 SEPTEMBER 2025

08:15 - 09:00	Accreditation
09:00 - 09:05	<b>Leander Grode &amp; Ulrich Kalinke</b>   Welcome address
09:05 - 09:25	<b>Agustin Fernandez III (Rational Vaccines Inc.)</b>   Body and mind: Advancing the secretome of a proprietary klotho overexpressing cell line for metabolic disorder and cognitive decline.
09:25 - 09:45	<b>Henning Jacobsen (Helmholtz Centre for Infection Research)</b>   MCMV-based vaccines - A new vaccine technology platform for durable immunity.
09:45 - 10:05	<b>Frank Pessler (TWINCORE)</b>   4-Octyl itaconate inhibits SARS-CoV-2 infectivity by targeting its cellular receptors, ACE2 and TMPRSS2, for destruction
10:05 - 10:25	<b>Sezai Taskin (ViferaXS GmbH)</b>   Prime time for cancer vaccines – the ViferaXS approach
10:25 - 11:00	Coffee Break
11:00 - 11:20	<b>Christian Kannemeier (High-Tech Gründerfonds (HTGF))</b>   Investments into life sciences with High-Tech Gründerfonds
11:20 - 11:40	<b>Yannick Frommeyer (TWINCORE)</b>   From code to protein: A multi-omics perspective on translational reprogramming across growth stages in Pseudomonas aeruginosa
11:40 - 12:00	<b>Teunie Westera (Bilthoven Biologicals)</b>   Company branding – The Bilthoven Biologicals case study
12:00 - 12:20	<b>Wolfgang Weiß (Weickmann &amp; Weickmann)</b>   Patenting of antibodies
12:20 - 12:40	<b>Umesh Shaligram/Harish Rao (Serum Institute of India Pvt. Ltd.)</b>   t.b.a.
	End / Lunch Snack

TWINCORE SPEAKER (TC) SLS SPEAKER (SLS) BREAK / END