

Programme LISA Summer Academy 2023



Sunday Aug. 27th	Welcome evening TWINCORE: Lobby, Terrace	
16:00-17:00	Registration	
17:00-19:00	Welcome, drinks and snacks	

Monday Aug. 28th	Pathogen sensing, mouse models, PhD Programs (HBRs), career - TWINCORE: Seminar room 0020	
09:00-10:15	Ulrich Kalinke	Welcome & Overview
	Ulrich Kalinke	Plasmacytoid dendritic cells in antiviral defense
	Reinhold Förster	Dendritic cells and the formation of tertiary lymphoid organs
10:15-10:45	Coffee Break	
10:45-11:45	Niko Föger	Novel regulatory themes in TLR4-mediated inflammation
	Jenny Kühne	Genetic mouse models
12:00-14:00	Lunch with Speakers	
14:00-15:00	Susanne Kruse, Ulrich Martin	HBRs PhD Programs, Mol Med PhD Program, Reg. Sciences PhD Program, ZIB PhD Program
	PhD Students (Angela, Aparna, Sooraj)	"How to find a PhD program": Experience reports and discussion
15:00-15:30	Coffee Break	
15:30-16:30	Orientation Tour MHH campus - Susanne Kruse	
16:30-17:30	Patrick Bartholomäus ViiV Healthcare	Career options
17:30-19:00	LISA invites: Snacks, happy hour	

Tuesday Aug. 29th	Induction of pathogen-specific immunity TWINCORE: Seminar room 0020	
9:00-10:00	Georg Behrens	Immunity against SARS-CoV-2
	Axel Schambach	Genetic modification of stem cells
10:00-10:30	Coffee Break	
10:30-12:00	Nico Lachmann	Macrophages meet regenerative science and infection medicine
	Sarina Ravens	Development and postnatal maturation of gamma delta T cells
	Lennart Rösner	T-cells and antigen-presenting cells in chronic cutaneous inflammation
11:30-13:00	Lunch with Speakers	
13:00-14:30	Berislav Bosnjak	Insights in pathogen-specific immune responses using CRISPR/Cas9 system
	Kyeong-Hee Lee	Immune modulation by regulatory B cells
	Abel Viejo-Borbolla	Learning from viruses: viral modulation of cytokine activity
14:30-15:00	Coffee Break	
15:00-16:30	Students Poster Presentation I (Annett Ziegler/Andreas Pavlou)	
17:00 - open end	LISA invites: Barbecue, get together with HBRs students	

Wednesday Aug. 30th	Infection of organs TWINCORE: Room 0020	
9:00-10:00	Armin Braun	Neuroimmune interactions in allergic asthma
	Anna-Maria Dittrich	Characteristics, determinants and modulation of CF lung inflammation
10:00-10:30	Coffee Break	
10:30-12:00	Sarah Elsheikh	Treatment Challenges of Chronic Pseudomonas aeruginosa Infections
	Markus Cornberg	Biological impact of HCV cure – LongHepC?
	Till Strowig	Exploring colonization resistance to prevent infections
12:00-14:00	Lunch with Speakers	
14:00 -15:30	Matthias Lochner	Targeting of the mucosal microenvironment in infection and inflammation
	Guntram Grassl	Intestinal glycans and their interaction with commensal and pathogenic bacteria
	André Bleich	Colitis susceptibility in IL10-deficient mice depends on complex genetic and microbial factors
15:30-16:00	Coffee Break	
16:00-17:30	Students Poster Presentation II (Annett Ziegler)	
19:00-21:30	GOP Variété Theatre	

Thursday, Aug 31st	Genetic and environmental impact on infection, workshop TWINCORE: Seminar room 0020	
9:00-10:00	Nataliya Di Donato	Detection of genetic susceptibility to infectious diseases
	Thomas Pietschmann	The role of genetic factors in severe courses of pediatric RSV infection
10:00-10:30	Coffee Break	
10:30-12:00	Students Poster Presentation III (Annett Ziegler/Andreas Pavlou)	
12:00-13:30	Lunch with Speakers	
13:30-16:30	Matthias Bruhn & Abdus Salam	Workshop: Single cell RNA sequencing (scRNAseq)
16:30-17:00	Coffee Break	
17:00-18:00	Anna Överby Wernstedt, Umeå University	Type I interferon shapes brain distribution and tropism of tick-borne flavivirus
18:00 – 19:30	LISA invites: Snacks, happy hour	

Friday, Sept. 1st	Intervention strategies TWINCORE: Seminar room 0020	
9:00-10:00	Christine Ehlers	Autoimmunity
	Daniel Depledge	On the contribution of varicella zoster virus genetics to disease pathogenesis and attenuation
10:00-10:30	Coffee Break	
10:30-12:00	Carlos Guzmán	Cyclic-di-nucleotides: promising tool to activate DC and promote humoral and cellular responses post vaccination
	Luka Cicin-Sain	An inflation of memory CD8 T cells upon herpesvirus infections – is it good or bad?
	Benjamin Vollmer	CryoEM of (viral) membrane fusion proteins
12:00-13:30	Lunch with Speakers	
13:30-15:00	Britta Eiz-Vesper	Allogeneic T cells with natural and artificial specificities for treatment of viral complications and malignant diseases
	Saumya Dileep Kumar	Big Data in Immunology: How to make the most of it
	Nishanth Gopala Krishna	Regulation of immune responses by deubiquitinating enzymes
15:00-15:30	Coffee Break	
15:30 -17:00	Students Poster Presentation IV (Andreas Pavlou)	

Saturday, Sept. 2nd		
15:00-17:00	City Tour Hannover	
17:30 - open end	„Beer garden“ Biergarten Lister Turm	
Sunday, Sept. 3rd FREE		

Sept. 4th – Sept. 8th		Lab Rotations I
Thursday Sept. 7 th TC room 0030 & lobby	17:30-18:30	Closing remarks, round table discussion & Feedback
	18:30-19:30	LISA invites: Happy Hour & Snacks

Sept. 11th – Sept. 15th		Lab Rotations II
Thursday Sept. 14 th TC room 0020	9:00-17:00	15 th TWINCORE Symposium: "15 years of translational infection research"