

Programme LISA Summer Academy 2021

Sunday Aug. 29 th	Welcome evening TWINCORE: Seminar room 0.02	
16:00-17:00	Registration	
17:00-19:00	Welcome, drinks and snacks	

Monday Aug. 30 th	Pattern Recognition Receptors, Dendritic Cells, PhD Programs (HBRS), TWINCORE: Room 0.02	
09:00-10:00	Ulrich Kalinke**	Welcome introduction
	Reinhold Förster*	Topic overview
	Reinhold Förster	Dendritic cells and the formation of tertiary lymphoid organs
10:00-10:30	Coffee Break	
10:30-12:00	Ulrich Kalinke	Plasmacytoid dendritic cells in antiviral defense
	Niko Föger	Novel regulatory themes in TLR4-mediated inflammation
	Georg Behrens	Divide and conquer: dendritic cells in adaptive immunity
12:00-14:00	Lunch with Speakers	
14:00-15:30	Michael P. Manns	President of the MHH
	Susanne Kruse, Ulrich Martin	HBRS PhD Programs, MolMed PhD Program, Reg Sciences PhD Program, ZIB PhD Program
	PhD Students	"How to find a PhD program": Experience reports and discussion
15:30-16:00	Coffee Break	
16:00-17:00	Orientation Tour MHH – Susanne Kruse	
17:00-17:30	n.n., Miltenyi Biotec GmbH	Career options
17:30	Round table discussion with experts with different carrier paths	
18:00-21:00	TWINCORE invites: Snacks, happy hour	

Tuesday Aug. 31 st	Lung Inflammation, Asthma, Allergy TWINCORE: Seminar room 0.02	
9:00-10:00	Armin Braun*	Topic overview
	Carlos Guzmán	Cyclic-di-nucleotides: promising tool to activate DC and promote humoral and cellular responses post vaccination
10:00-10:15	Coffee Break	
10:15-12:30	n.n.	t.b.a.
	Thomas Werfel	T-cells and antigen-presenting cells in chronic cutaneous inflammation
	Coffee Break (15 min)	
	Reinhold E. Schmidt	Immunodeficiency and autoimmunity – two sides of the same coin?
	Armin Braun	Neuroimmune interactions in allergic asthma
12:30-14:00	Lunch with Speakers	
14:00-15:30	Students Poster Presentation I	
15:30-16:00	Coffee Break	
16:00-17:00	Students Poster Presentation II	
17:00-18:00	n.n.	t.b.a.

Wednesday Sept. 1 st	Regeneration, Hematopoietic Progenitors TWINCORE: Room 0.02	
9:00-10:15	Axel Schambach**	Topic Overview
	Axel Schambach	Genetic modification of stem cells
10:15-10:45	Coffee Break	
10:45-12:15	Jenny Kühne	Genetic mouse models
	Kyeong-Hee Lee	Immune modulation by regulatory B cells
	Berislav Bosnjak	Gene modifications using CRISPR/Cas9 system in immunology
12:15-14:00	Lunch with Speakers	
14:00-15:30	Students Poster Presentation III	
15:30-16:00	Coffee Break	
16:00-17:30	Students Poster Presentation IV	
19:00	GOP Variété Theatre	

Thursday Sept. 2 nd	Homeostasis and Inflammation in the intestine Immunity, Inflammation and Cancer TWINCORE: Seminar room 0.02	
9:00-10:00	Matthias Lochner**	Topic overview
	Matthias Lochner	RORγt expressing cells and their role in intestinal immune regulation and inflammation
10:00-10:30	Coffee Break	
10:30-12:00	Till Strowig	Microbiota and intestinal immunity
	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
12:00-14:00	Lunch with Speakers	
14:00-16:15	Meike Stiesch	Biofilm-related infections
	Christine Falk	NK cells & inflammation in solid organ transplantation
	Coffee Break (15 min)	
	Thomas Pietschmann	Pathways and barriers of hepatitis C virus replication
	Abel Viejo-Borbolla	Learning from viruses: viral modulation of cytokine activity
17:00-18:00	n.n.	t.b.a.

Friday Sept. 3 rd	CD8 T Cells, Tregs, Th17, Gamma Delta T Cells, Autoimmunity TWINCORE: Seminar room 0.02	
9:00-10:00	Jochen Hühn**	Topic overview
	Jochen Hühn	Epigenetic fixation of T cell fates
10:00-10:30	Coffee Break	
10:30-11:30	Yang Li	Big Data in Immunology: How to make the most of it
	Renata Stripecke	T cells engineered with chimeric antigen receptors against herpes infections: EBV and HCMV
11:30-14:00	Lunch with Speakers	
14:00-16:15	Martin Stangel	T cell – glia interactions in neuroinflammation
	Immo Prinz*	IL-17 producing gamma-delta T cells
	Coffee Break (15 min)	
	Luka Cicin-Sain	An inflation of memory CD8 T cells upon herpesvirus infections – is it good or bad?
	Dirk Schlüter	Regulation of immune responses by deubiquitinating enzymes
17:00-18:00	n.n.	t.b.a.
18:00 – Open End	TWINCORE invites: Barbecue, get together with HBRS students	

Saturday , Sept. 4 th		
15:00 - 17:00	City Tour Hannover	
21:00 - 22:00	Illumination of Herrenhäuser Gardens	

Sunday , Sept. 5 th	FREE	
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Sept. 6th – Sept. 12th	Lab Rotations	
Monday Sept. 6 th 17:00-18:00 TC room 0.02	n.n.	t.b.a.
Tuesday Sept. 7 th 17:00-18:00 MHH lecture hall G	n.n.	t.b.a.
Thursday Sept. 9 th TC room 0.02	9:00-17:00	13 th TWINCORE Symposium
Friday Sept. 10 th TC room 0.02	16:30-17:30	Closing remarks, round table discussion & Feedback - Snacks

Sept. 13th – Sept. 18th	Lab Rotations	
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** Topic speakers and * deputies