

Program LISA Summer Academy 2017

Sunday Aug. 13th	Welcome Evening TWINCORE: Room 0.02	
16:00-17:00	Registration	
17:00-19:00	Welcome, Drinks and Snacks	

Monday Aug. 14th	Pattern Recognition Receptors, Dendritic Cells, PhD Programs (HBRS), TWINCORE: Room 0.02	
09:00-10:00	Tim Sparwasser	Welcome Introduction
	Reinhold Förster*	Topic Overview
10:00-10:30	Reinhold Förster	Dendritic cells and the formation of tertiary lymphoid organs
	Coffee Break	
10:30-12:00	Ulrich Kalinke*	Plasmacytoid dendritic cells in antiviral defence
	Niko Föger	Novel regulatory themes in TLR4-mediated inflammation
12:00-14:00	Georg Behrens	Divide and conquer: dendritic cells in adaptive immunity
	Lunch with Speakers	
14:00-15:30	Christopher Baum	Dean of the MHH
	Reinhold E. Schmidt*	HBRS PhD Programs, MolMed PhD Program
	Ulrich Martin	Reg Sciences PhD Program
	Reinhold Förster	ZIB PhD Program
	Christine Falk	Info: Career Advice, Stipends, Women in Science
15:30-16:00	Coffee Break	
16:00-17:00	Orientation Tour MHH	
17:00-21:00	Twincore invites: Snacks, Happy Hour	

Tuesday Aug. 15th	Lung Inflammation, Asthma, Allergy TWINCORE: Room 0.02	
9:00-10:00	Tim Sparwasser*	Topic Overview
	Carlos Guzman	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	Susanne Häußler*	Treatment Challenges of Chronic Pseudomonas aeruginosa Infections
	Gesine Hansen	Intrapulmonary Cell Therapy for Lung Diseases
	Coffee Break (15 min)	
	Thomas Werfel	T-cells and antigen-presenting cells in chronic cutaneous inflammation
	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 Lecture Hall G	Cecilia Johansson (KFO250)	Regulation of lung inflammation during viral infection

Wednesday Aug. 16th	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
	Dirk Heckl	CRISPR-Cas9
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 VI	
Evening	GOP Theatre	

Thursday Aug. 17th	Homeostasis and Inflammation in the intestine Immunity, Inflammation and Cancer TWINCORE: 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	Thomas Pietschmann*	Pathways and barriers of hepatitis C virus replication
	Guntram Grassl*	Intestinal glycans and their interaction with commensal and pathogenic bacteria
	Reinhold E. Schmidt	Immunodeficiency and Autoimmunity – two sides of the same coin?
12:00-14:00	Lunch with Speakers	
14:00-16:15	Christine Falk*	NK cells in Autoimmunity
	Abel Viejo-Borbolla	Learning from viruses: viral modulation of cytokine activity
	Coffee Break (15 min)	
	Till Strowig	Microbiota and Intestinal Immunity
16:15-17:00	Christine Goffinet	Emerging restriction factors of viral infections
	Coffee Break	
17:00-18:00 Lecture Hall G	Joao Santana da Silva	Innate immune response to a highly pathogenic fungal infection
Friday, Aug. 18st	Tregs, Th17, Gamma Delta T Cells, Autoimmunity TWINCORE: 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	Luciana Berod	Metabolic regulation of T cell function
	Tim Sparwasser*	Tregs in infection and vaccinology: heroes or traitors
11:30-14:00	Lunch with Speakers	
14:00-16:15	Ingo Schmitz	Tregs - something on their birth and their death
	Immo Prinz*	IL-17 producing gamma-delta T cells
	Coffee Break (15 min)	
	André Bleich*	Colitis susceptibility in IL10-deficient mice depends on complex genetic and microbial factors
	Martin Stangel	T cell – glia interactions in neuroinflammation
17:00-18:00 Lecture Hall G	Allan Mowat (KFO250)	Tissue specific differentiation of macrophages and dendritic cells in the intestine
18:00 – Open End	Twincore invites: Barbecue, get together with HBRS students	

Saturday, Aug. 19th		
15:00	City Tour Hannover	
18:00	Firework Competitions Herrenhäuser Gärten	

Sunday, Aug. 20th FREE		
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Aug. 21st-27th		Lab Rotations
Monday Aug. 21 st 17:00-18:00 Lecture Hall G	Pierre Guermonprez (SFB900)	Monocyte heterogeneity and function
Tuesday Aug. 22 nd	9:00-11:00	MHH: Demonstration HUB / IVIS / Metabolomics/Proteomics
Wednesday Aug. 23 rd 17:00-18:00 Lecture Hall G	Jeff Rathmell (SFB900)	Fueling T cells in Inflammation and Tumors
Thursday Aug. 24 th	18:00-19:00	Closing remarks, round table discussion & feedback
	19:00-21:00	Twincore Invitation: Happy Hour & Snacks

Aug. 28th – Sept. 3rd	Lab Rotations
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Sept. 4th – Sept 10th	Lab Rotations
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* Chairs of the respective session