Program LISA Summer Academy 2018

Sunday Aug. 12th	Welcome Evening TWINCORE: Seminar room 0.02
16:00-17:00	Registration
17:00-19:00	Welcome, Drinks and Snacks

Monday Aug. 13th	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 defence
	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	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	
17:00-18:00	**Michelle Linterman, Cambridge University, UK**	**Germinal centres in secondary and tertiary lymphoid organs**
18:00-21:00	TWINCORE invites: Snacks, Happy Hour	

Tuesday Aug. 14th	Lung Inflammation, Asthma, Allergy TWINCORE: Seminar room 0.02	
9:00-10:00	Armin Braun*	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**	Intrapulmonal 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	**Edith M. Hessel, GlaxoSmithKline, Brentford, UK**	**t.b.a.**

Wednesday Aug. 15th	Regeneration, Hematopoietic Progenitors TWINCORE: Room 0.02	
9:00-10:15	AxelSchambach**	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. 16th	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	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 & inflammation in solid organ transplantation
	Abel Viejo-Borbolla	Learning from viruses: viral modulation of cytokine activity
	Coffee Break (15 min)	
	Till Strowig	Microbiota and Intestinal Immunity
	Christine Goffinet	Emerging restriction factors of viral infections

Friday, Aug. 17st	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	Ingo Schmitz	Tregs - something on their birth and their death
	Tim Sparwasser	Tregs in infection and vaccinology: heroes or traitors
11:30-14:00	Lunch with Speakers	
14:00-16:15	Luciana Berod	Metabolic regulation of T cell function
	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	**Jose Alves-Filho, University of Sao Paulo, BRA**	**Mechanisms of sepsis-induced long-term immunosuppression**
18:00 – Open End	TWINCORE invites: Barbecue, get together with HBRS students	

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

Sunday, Aug. 19th	FREE

Aug. 20th-26th		Lab Rotations
Wednesday Aug. 22nd	9:00-11:00	MHH: Demonstration HUB / IVIS / Metabolomics/Proteomics
Wednesday Aug. 22nd 17:00-18:00 TC room 0.02	**Daniel Pinschewer, University of Basel, CH**	**Humoral immune defense in persistent viral infection**
Thursday Aug. 23st 17:00-18:00 TC room 0.02	**Jim Di Santo, Institut Pasteur, Paris, F**	**Developmental and functional plasticity of human innate lymphoid cells**
Thursday Aug. 23th	18:00-19:00	Closing remarks, round table discussion & feedback
	19:00-21:00	TWINCORE Invitation: Happy Hour & Snacks

Aug. 27th – Sept. 2nd	Lab Rotations

Sept. 3rd– Sept 9th	Lab Rotations

**** Topic speaker and * deputies**