Program LISA Summer Academy 2019

Sunday Aug. 11th	Welcome evening TWINCORE: Seminar room 0.02	
16:00-17:00	Registration	
17:00-19:00	Welcome, drinks and snacks	

Monday Aug. 12th	Pattern Recognition Receptors, Dendritic Cells, PhD Programs (HBRS) , TWINCORE: Room 0.02	
09:00-10:00	Reinhold Förster**	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	Theresa Graalmann	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	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	
17:00-18:00	**Caren Bartsch, Miltenyi Biotec GmbH**	**Career options**
18:00-21:00	TWINCORE invites: Snacks, happy hour	

Tuesday Aug. 13th	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	Meike Stiesch	Biofilm-related 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	

Wednesday Aug. 14th	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. 15th	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	Reinhold E. Schmidt	Immunodeficiency and autoimmunity – two sides of the same coin?
	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	**Andreas Diefenbach, Charité Berlin**	**Role of the innate immune system in the adaptation of multicellular organisms to their environments**

Friday, Aug. 16st	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	Ingo Schmitz	Tregs - something on their birth and their death
	Renata Stripecke	T cells engineered with chimeric antigen receptors against herpes infections: EBV and HCMV
11:30-14:00	Lunch with Speakers	
14:00-15:45	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?
17:00 – Open End	TWINCORE invites: Barbecue, get together with HBRS students	

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

Sunday, Aug. 18th	FREE

August 19th – 25th		Lab Rotations
Tuesday Aug. 20th 17:00 -18:00 TC room 0.03	**Salomé LeibundGut-Landmann, University of Zurich**	**Skin antifungal immunity at the interface between homeostasis and disease**
Thursday Aug. 22nd 17:00 -18:00 TC room 0.02	**Hans Christian Probst, University Medical Center Mainz**	**Commensal bacteria drive basal dendritic cell activation via induction of type I interferons**
Friday Aug. 23rd	18:00-19:00	Closing remarks, round table discussion & feedback
	19:00-21:00	TWINCORE Invitation: Happy hour & snacks

**** Topic speaker and * deputies**