

Program

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| Sunday Sep. 9th | Welcome Evening TWINCORE: Room 0.02 | |
| 17:00-19:00 | Registration, Welcome Drinks and Snacks | |

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| Monday Sep. 10th | Pattern Recognition Receptors, Dendritic Cells PhD Programs (HBRS) TWINCORE: Room 0.02 | |
| 9:00-10:15 | Tim Sparwasser* Susanne Kruse | Welcome Introduction |
| | Georg Behrens | Topic Overview |
| | Georg Behrens | Divide and conquer: dendritic cells in adaptive immunity |
| 10:15-10:45 | Coffee Break | |
| 10:45-12:15 | Ulrich Kalinke | Plasmacytoid dendritic cells in antiviral defence |
| | Renata Stripecke | Preclinical and clinical modalities of dendritic cell immunotherapy |
| | Carlos Guzman | Targeting innate immune cells to improve responses to vaccination |
| 12:15-14:00 | Lunch with Speakers | |
| 14:00-15:15 | Reinhold E. Schmidt* | HBRS PhD Programs |
| | Reinhold Förster | ZIB PhD Program |
| | Christopher Baum | Reg Sciences PhD Program |
| | Reinhold E. Schmidt | MolMed PhD Program |
| 15:15-15:45 | Coffee Break | |
| 15:45-17:00 | Orientation Tour MHH (with Susanne Kruse) | |
| 17:00-20:30 | Twincore invites: Students Poster Presentation I, Snacks, Happy Hour | |

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| Tuesday Sep. 11th | Lung Inflammation, Asthma, Allergy TWINCORE: Room 0.02 | |
| 9:00-10:00 | Reinhold Förster* | Topic Overview |
| | Reinhold Förster | Tertiary lymphoid structures in the lung |
| 10:00-10:30 | Coffee Break | |
| 10:30-12:30 | Susanne Häußler | Treatment Challenges of Chronic Pseudomonas aeruginosa Infections |
| | Gesine Hansen | Active allergy prevention |
| | Dunja Bruder | Synergism of innate and adaptive immunity in autoimmune-mediated lung inflammation |
| | Armin Braun | Neuroimmune Interactions in allergic asthma |
| 12:30-14:30 | Lunch with Speakers | |
| 14:30-15:30 | Anna-Maria Dittrich* | IL-17 in allergic sensitisation |
| | Ulrike Raap | IL-31 the novel pruritogen in inflammatory skin diseases |
| 15:30-16:30 | Coffee Break | |
| 17:00-18:00 MHH-Lecture Hall H (Building J1) | Bart Lambrecht | Studying the biology of DC's to better understand asthma (SFB 587) |

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| Wednesday Sep. 12th | Regeneration, Hematopoietic Progenitors TWINCORE: Room 0.02 | |
| 9:00-11:00 | Christopher Baum* | Topic Overview |
| | Christopher Baum | Genetic modification of stem cells |
| | Andreas Krueger | MicroRNA in lymphocyte development |
| | Julia Skokowa | New G-CSFR signaling pathways in myelopoiesis and leukemogenesis |
| 11:00-11:15 | Small Break/Getting Ready | |
| 11:15-12:15 | Coach Drive to Braunschweig | |
| 12:15-13:00 | Lunch at Helmholtz Centre | |
| 13:00-16:00 | Visit Helmholtz Centre for Infection Research, Demonstration Platforms | |
| 16:00-17:00 | Drive to Goslar | |
| 17:00-19:00 | City Walk in Goslar (UNESCO World Heritage) | |
| 19:00-21:00 | Dinner / Brauhaus Goslar | |
| 21:00-22:30 | Drive to Hannover | |

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| Thursday Sep. 13th | Homeostasis and Inflammation in the intestine Immunity, Inflammation and Cancer TWINCORE: Room 0.02 | |
| 9:00-10:00 | Matthias Lochner* | Topic Overview |
| | Matthias Lochner | RORgt expressing cells and their role in intestinal immune regulation and inflammation |
| 10:00-10:30 | Coffee Break | |
| 10:30-12:30 | Oliver Pabst | Regulation of intestinal tolerance by dendritic cells and macrophages |
| | Mathias Hornef | The intestinal epithelium, active player in the host-microbial interaction |
| | Siegfried Weiß | Bacteria-mediated tumor therapy |
| | Mario Köster | Interferons in infection, immunity and cancer |
| 12:30-14:30 | Lunch with Speakers | |
| 14:30-15:30 | Susann Santag* | Kaposi Sarcoma Herpesvirus: a model for the interplay between viral infection and inflammation in the pathogenesis of virus-associated cancer |
| | Arndt Vogel | Viral Hepatitis and Cancer |
| 15:30-16:30 | Coffee Break | |
| 17:00-18:00 Twincore Room 0.02 | G rard Eberl | Development and regulation of innate lymphoid cells (DFH-UFA) |

* Chairs of the respective session

Program

| Friday Sep. 14 th | | Tregs, Th17, Gamma Delta T Cells, Autoimmunity TWINCORE: Room 0.02 | |
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| 9:00-10:00 | Jochen Hühn* | Topic Overview | |
| | Jochen Hühn | To be or not to be a Treg: epigenetic control of stable Foxp3 expression | |
| 10:00-10:30 | Coffee Break | | |
| 10:30-13:00 | Tim Sparwasser | Tregs in infection and vaccinology: heroes or traitors? | |
| | Elmar Jäckel | Tregs in alloimmune responses | |
| | Immo Prinz | IL-17 producing gamma-delta T cells | |
| | Thomas Werfel | Allergic Skin Diseases | |
| | Christine Falk | NK cells in Autoimmunity | |
| 13:00-14:00 | Lunch with Speakers | | |
| 14:00-15:00 | Reinhold E. Schmidt * | Pathomechanisms in antibody-mediated inflammation | |
| | Torsten Witte | Identification of new autoantibodies as biomarkers of autoimmune disorders | |
| 15:00-15:30 | Coffee Break | | |
| 15:30-16:30 Twincore Room 0.02 | Marc Veldhoen | Th 17 cells: a missing link in immunity (KFO 250) | |
| 16:30-18:30 | Twincore invites: Students Poster Presentation II Snacks, Happy Hour | | |
| 18:30-open end | Twincore invites: Barbecue, get together with HBRs students | | |

| Saturday Sep. 15 th | |
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| 10:30-12:30 | Flea Market (Am Hohen Ufer) + Nanas |
| 12:30-13:30 | Boat Tour / Lunch Break |
| 14:00-15:30 | City Walk Hannover |
| Evening | GOP Theatre Hannover |

| Sunday Sep. 16 th FREE | |
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| Monday Sep. 17 th | | Lab visits and demonstrations | |
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| All Day | Lab Rotation | | |
| 17:00-18:00 Twincore Room 0.02 | Philippe Bousso | Imaging the immune system in action (DFH-UFA) | |

| Tuesday Sep. 18 th | | Lab Rotation | |
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| 08:00-10:00 | FACS Training (IBA) | | |

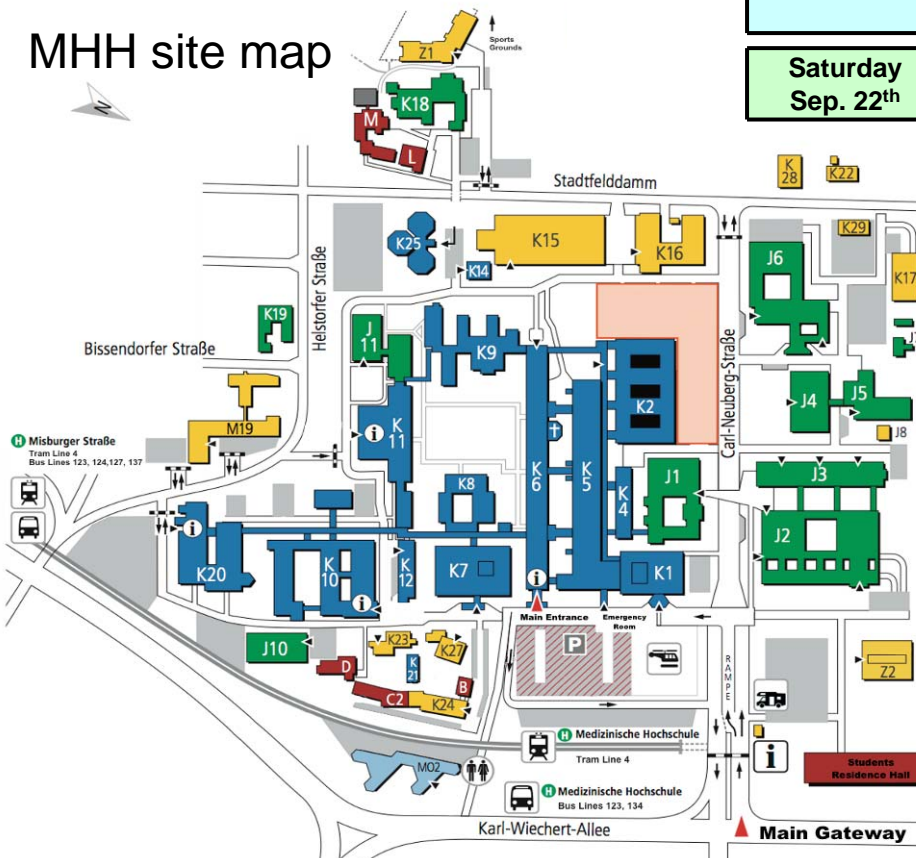
| Wednesday Sep. 19 th | | Lab Rotation | |
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| Thursday Sep. 20 th | | Lab Rotation | |
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| 09:00-11:00 | MHH: Demonstration FACS Sorter / Sequencer / Microscopes (optional) | | |

| Friday Sep. 21 th | | Lab Rotation | |
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| 18:00-20:00 | Twincore invites: Round Table Discussion & Feedback Happy Hour & Snacks | | |

| Saturday Sep. 22 th | | Fireworks Herrenhäuser Gärten | |
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MHH site map



| Thrs Sep. 27 th / Fri Sep. 28 th | | Twincore Symposium | |
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| Harald von Boehmer Harvard University (USA) Richard Flavell Yale University (USA) Stipan Jonjic University of Rijeka (Croatia) Yvette van Kooyk FU Amsterdam (NL) Maria Masucci Karolinska Institutet (Sweden) Michel Nussenzweig Rockefeller University (USA) Klaus Pfeffer University of Düsseldorf (Germany) Alexander Ploss Rockefeller University (USA) Klaus Rajewski MDC Berlin (Germany) Dolores Schendel Helmholtz Zentrum Munich (Germany) Hansjörg Schild University of Mainz (Germany) | | | |