

Time	Thursday 11.04.2019	Friday 12.04.2019	Saturday 13.04.2019
	Innovative Diagnostics in Immunology	New therapeutic principles	Tolerance, stem cells and new technologies
	Arrival & Registration	<i>Chair: Reinhold E. Schmidt</i>	<i>Chair: Birgit Sawitzki</i>
9:00		Annette Künkele Engineering T cells for tumor therapy	Axel Schambach Using vectors for gene therapy
9:30		(tbc) T cell responses in tumor immunology	Toni Cathomen Therapeutic genome editing with TALENs and CRISPR-Cas
10:00	Get-together	Dirk Busch Antiviral CD8 ⁺ T cell immunotherapy	Fritz Melchers The hematopoietic stem cell as a therapeutic target
10:30	Reinhold E. Schmidt, Bodo Grimbacher Welcome / Introduction (including speakers)	Break	Break
	<i>Chair: Dieter Kabelitz</i>	<i>Chair: Carsten Watzl</i>	
11:00	Andreas Radbruch Flow cytometry – new development in the technology	John Isaacs (tbc) Principles of modern biologicals – Immunotherapeutics	Christian Hennig Industry 4.0 reaching research: The future of lab automation
11:30	(tbc) Flow cytometry in the clinical application	Birgit Sawitzki Induction of tolerance in transplantation	Round Table: Career perspectives
12:00	Bodo Grimbacher How to identify monogenetic disease causing mutations?	Falk Nimmerjahn Properties of immunoglobulins and their receptors	
12:30	Lunch	Klaus Cichutek/Zoe Waibler First-in-human clinical trials of biotherapeutics	Feedback Round
13:00		Lunch	Farewell Food
	<i>Chair: Hans-Hartmut Peter</i>		Departure
14:30	Torsten Witte Novel autoantibodies in autoimmunity	Social event	
15:00	(tbc) Differentiating arbovirus infectios with tailor- made recombinant antigens		
15:30	Christoph Burkhart The journey of a compound from preclinical testing to Proof-of-Concept and beyond		
16:00	Break		
	<i>Chair: Stefan Meuer</i>		
16:30	(tbc) Clinical significance of natural killer cells and their receptors	Gunther Hartmann Therapeutic targets in nucleic acid immunity	
17:00	Burkhard Becher Preclinical models of chronic inflammatory diseases	(tbc) Immunopeptidomics – from MS to bedside	
17:30	Expert groups I	(tbc) Chemoproteomics and other applications of proteomic based mass spectrometry	
18:00		Expert groups II	
19:00	Poster presentation of participants (with cheese and wine) 19:00-22:00		
20:00		Dinner	