## 4<sup>th</sup> Translational Immunology School

## PROGRAM

March 19 - 21, 2015 • Resort Schwielowsee, Potsdam

Thursday March 19th Innovative Diagnostics in Immunology		Friday March 20th New therapeutic principles		Saturday March 21st Tolerance, stem cells and new technologies	
09:00- 10:00	Arrival and Registration	09:00- 09:30 09:30- 10:00 10:00- 10:30	Chair: Reinhold E. Schmidt, Hannover Principles of modern biologicals - Immunotherapeutics Reinhold E. Schmidt, Hannover Translational aspects in drug development for the treatment of autoimmune diseases Christoph Burkhart, Basel Principles of immunological therapies in chronic inflammatory diseases	09:00- 09:30 09:30- 10:00	Chair: Hans-Hartmut Peter, Freiburg Stem cells and their application <i>Fritz Melchers, Berlin</i> CD8+ T cell differentiation on the single cell level and its implications for immunotherapy <i>Dirk Busch, München</i>
10:30 10:30- 11:00	Welcome and Introduction (including speakers) Reinhold E. Schmidt, Hannover	10:30- 11:00	Burkhard Becher, Zürich	10:00- 10:30	Break
11:00- 11:30 11:30- 12:00 12:00- 12:30	Chair: Dieter Kabeltz, Kiel Flow cytometry – advanced technologies Andreas Radbruch , Berlin Clinical applications and indications for flow cytometry Klaus Warnatz, Freiburg Preclinical animal models Carsten Watzl, Dortmund	11:00- 11:30 11:30- 12:00 12:00- 12:30	Chair: Carsten Watzl, Dortmund T cell response in tumor immunology? Philipp Beckhove, Heidelberg Engineering T cells for tumor therapy Hans Stauss, London Symmetry breaking: bispecific antibodies, the beginnings and 50 years on Patrick Bäuerle, München	10:30- 11:00 11:00- 11:30 11:30- 12:00	Induction of transplantation tolerance Birgit Sawitzki, Berlin Building a biotech company in Germany – should we give it a try? Christian Hennig, Hannover Final Discussions
12:30- 14:00	Lunch	12:30- 13:30	Lunch	12:00	Farewell

14:00- 14:30 14:30- 15:00	Chair: Birgit Sawitzki, Berlin Immune monitoring and biomarkers for modern biological therapy Christian Meisel, Berlin Proteomics and Peptidomics Stefan Stevanovic, Tübingen	13:30- 14:00 14:00- 14:30 14:30- 15:00	Chair: Bodo Grimbacher, Freiburg Modern immune and gene therapy of immunodeficiencies Axel Schambach, Hannover Development of vaccines and adjuvants Klaus Cichutek, Langen Activation of RIG-I as new therapeutic target? Zoé Waibler, Langen	
15:00- 15:30	Break	15:00- 16:30	Social Event	
	Chair: Thomas Kamradt, Jena			
15:30- 16:00	Immunodeficiencies and their genetic characterization Bodo Grimbacher, Freiburg			
16:00- 16:30 16:30- 17:00	Autoantibodies in diagnosis of autoimmunity Torsten Witte , Hannover RC IFA: The fastest way for the translation of novel antibody markers to the diagnostic lab Christian Probst, Lübeck	17:30- 18:00 18:00- 18:30	Chair: Reinhold E. Schmidt, Hannover <b>B cell directed therapy –</b> <b>depletion or modulation?</b> <i>Thomas Dörner, Berlin</i> <b>Treatment with immunoglobulins</b> <i>Falk Nimmerjahn, Erlangen</i>	
17:00	Expert groups I	18:30	Expert groups II	
19:00	Poster presentation of participants (with cheese and wine)	20:00	Dinner	

## Departure