

11th Dresden Symposium on Autoantibodies

September 1-4, 2013

Infection, Tumors and Autoimmunity



Chairman:	Karsten Conrad (Dresden, Germany)
Co-Chairmen:	Edward K.L. Chan (Gainesville, USA) Marvin Fritzler (Calgary, Canada) Rene-Louis Humbel (Esch-sur-Alzette, Luxembourg) Pier Luigi Meroni (Milano, Italy) Günter Steiner (Vienna, Austria) Yehuda Shoenfeld (Tel-Hashomer, Israel)
National Organizing Committee	Rico Hiemann Thorsten Krieger Robert Lange Ulrich Sack Werner Schößler (Members of the Advisory Committee of the GFID e.V)
International Advisory Board	Luis E.C. Andrade (Sao Paulo, Brazil) Nicola Bizzaro (Tolmezzo, Italy) Dimitrios P. Bogdanos (London, UK) Elena Csernok (Bad Bramstedt, Germany) Martin Herrmann (Erlangen, Germany) Falk Hiepe (Berlin, Germany) Arno Kromminga (Hamburg, Germany) Michael Mahler (San Diego, USA) Ger J. M. Pruijn (Nijmegen, The Netherlands) Alan Wiik (Copenhagen, Denmark) Tjalf Ziemssen (Dresden, Germany)

Sunday, 01.09.2013

12:00 - 22:00	Registration
14:00 - 14:30	Welcome & Introduction
14:30 - 16:00 (Hall A)	Infections and Autoimmunity The ASIA syndrome: Adjuvants in infections, silicone and vaccines; autoimmunity and cancer <i>Yehuda Shoenfeld (Tel Hashomer, Israel)</i> Possible role of infections in the pathogenesis of autoimmune liver diseases <i>Dimitrios Bogdanos (London, UK)</i> GP2 – The link between innate and aquired immune system in the intestine <i>Dirk Roggenbuck, Dimitrios Bogdanos, Dirk Reinhold, Karsten Conrad (Senftenberg, Germany)</i>
16:00 - 16:30	Coffee break
16:30 - 18:30 (Hall A)	Pathogenesis of Autoimmune Diseases – Novel Aspects Neutrophil extracellular traps – From infection to autoimmunity <i>Arturo Zychlinsky (Berlin, Germany)</i> Memory plasma cells in autoimmunity – An update <i>Falk Hiepe (Berlin, Germany)</i> Autoantibody diversity - the role of the tail <i>Martin Herrmann (Erlangen, Germany)</i>
19:00 - 22:00	Welcome Reception

Monday, 02.09.2013

09:00 - 10:30 (Hall A)	NETosis, Immunodeficiency and Autoimmunity NETs: the missing link between cell death and systemic autoimmune diseases? <i>Felipe Andrade (Baltimore, USA)</i> NETs and induction of ANCA <i>Elena Csernok (Lübeck, Germany)</i> The interface between primary immunodeficiency and systemic lupus erythematosus <i>Luis E.C. Andrade (Sao Paulo, Brasil)</i>
10:30 - 11:00	Coffee break
11:00 - 12:40 (Hall A)	Autoimmunity in Infections and Tumors Vitamin D in infection, autoimmunity and cancer <i>Yehuda Shoenfeld (Tel Hashomer, Israel)</i> Target of autoantibody in HCV patients during interferon/ribavirin therapy <i>Ed Chan (Gainesville, USA)</i> Novel vaccine against autoimmunity - harnessing parasitic infection for autoimmunity and cancer <i>Miri Blank (Tel Hashomer, Israel)</i> Hyper-ferritinemic syndrome in infection and autoimmunity <i>Cristina Rosario (Matosinhos, Portugal)</i> The fate of the Ro autoantigen associated Y RNAs in Coxsackievirus-infected cells <i>Ger J. M. Pruijn (Nijmegen, The Netherlands)</i>
11:00 - 12:30 (Hall B)	Immune Reactions against Biological Drugs Clinical relevance of anti-drug antibodies <i>Arno Kromminga (Hamburg, Germany)</i> Immunogenicity testing of recombinant hGH - Methodological challenges and clinical relevance <i>Michael Schaab (Leipzig, Germany)</i> Quantification of the activity and neutralizing antibody response to TNF-alpha antagonists <i>Michael Tovey (Paris, France)</i>
12:40 - 14:30	Lunch break Industrial Exhibition and Poster Viewing
	EASI Lunch Meeting (EASI members only)
14:30 - 15:40 (Hall A)	Presentations of the Candidates for the Dresden Prize on the Study of Autoantibodies I Detection of anti-phospholipase A2 receptor autoantibodies: A comparison of three different immunoassays <i>Astrid Behnert, Mario Schiffer, Michael Mahler, Marvin J. Fritzler (Hannover, Germany)</i> Effects of intracellular glutamine levels on the reversible assembly of cytoplasmic rod and ring autoantigenic structures <i>S. John Calise, Wendy C. Carcamo, Claire Krueger, Daniel L. Purich, and Edward K.L. Chan (Gainesville, USA)</i>

	Generation of stable HEp2 cell line M4 expressing human muscle-specific kinase for automatic videoscanner-based immunofluorescence diagnostics of Myasthenia gravis <i>Sandra George, S. Paulick, Ilka Knütter, Nadja Röber, Rico Hiemann, Dirk Roggenbuck, Karsten Conrad and Jan-Heiner Küpper (Senftenberg, Germany)</i> CytoBead – A novel platform for multiparametric analyses <i>Rico Hiemann, Mandy Sowa, Ilka Knütter, Kai Grossmann, Nadja Röber, Karsten Conrad, Dirk Roggenbuck (Senftenberg, Germany)</i> Mycophenolic acid and ribavirin induces cytoplasmic Rods and Rings (RR) structures in vivo, but only ribavirin induces anti-RR autoantibodies <i>Gerson D. Keppeke, Sandro F Perazzio, Monica S Prado, Edward K L Chan, Luis Eduardo C Andrade (Sao Paulo, Brazil)</i> Anti-AT1R and anti-ETAR autoantibodies from patients with SSc and their agonistic effects <i>Angela Kill, Christoph Tabeling, Anja A. Kühl, J. Günther, M. O. Becker, Harald Heidecke, D. Dragun, G.R. Burmester, G. Riemekasten (Berlin, Germany)</i> Evaluation of a novel sensitive and specific Lateral Flow Assay (LFA) for the detection of anti-dsDNA antibodies <i>N. Offermann, M. Petschinka and M. Fooke (Neuss, Germany)</i>
15:40-16:30	Coffee break
16:30 – 17:40 (Hall A)	Presentations of the Candidates for the Dresden Prize on the Study of Autoantibodies II What is the clinical significance of anti-Sm-antibodies in SLE patients? A comparison with anti-dsDNA-antibodies and C3 <i>Alexandra Richartz, Thomas Rose, Cornelia Dähnrich, Anke Rosemann, Fidan Barkhudarova, Wolfgang Schlumberger, Gerd-Rüdiger Burmester, Karl Egerer, Robert Biesen and Falk Hiepe (Berlin, Germany)</i> Development of a method for multiplex real-time analysis of enzymatic activity on a microbead-chip <i>Stefan Rödiger, Alexander Böhm, Jörg Nitschke, Luba Stavitskaya, Melanie Gruner, Alena V. Kundzer, Margarita V. Volkova, I. Generalov, Carsten Schmidt, Christian Schröder, Dirk Roggenbuck, Peter Schierack (Senftenberg, Germany)</i> Quantitative results of automated indirect immunofluorescence enable value added reporting for antinuclear antibody testing <i>Sofie Schouwers, Myriam Bonnet, Patrick Verschueren, René Westhovens, Daniel Blockmans, Godelieve Mariën, Xavier Bossuyt (Leuven, Belgium)</i> CytoBead ANCA - a novel indirect immunofluorescence test for the simultaneous detection of anti-neutrophil cytoplasmic antibodies <i>Mandy Sowa, Ilka Knütter, Kai Grossmann, Rico Hiemann, Nadja Röber, Dirk Reinhold, Ursula Anderer, Elena Csernok, Karsten Conrad, Dirk Roggenbuck (Senftenberg, Germany)</i> Comparison of two ELISAs for the detection of anti-MZGP2 antibodies as a new serological marker for Crohn's disease <i>Laura M Stinton, Gary L. Norman, Zakera Shums, Maria T. Arias-Loste, Marcos Lopez-Hoyos, Michael Mahler (Satander, Spain)</i> Anti-M-type phospholipase A2 receptor (PLA2r) antibodies in diagnosis and follow-up of Idiopathic membranous nephropathy (IMN) <i>Glionna S, Bianchi L, Trezzi B, D'Amico M, Stellato T, Santoro D, Sinico R A, Radice A (Milano, Italy)</i> Role of autoantibodies against Zinc transporter protein (anti-ZnT8) in the diagnosis and follow-up of type I Diabetes Mellitus: an Italian experience <i>Zago S, Fabris M, Melli P, Zanatta M, Basso T, Comici A, Carlin E, Zanette G, Tonutti E, Rosolen A (Udine, Italy)</i>

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Tuesday, 03.09.2013

09:00 - 10:30 (Hall A)	Autoantibodies in Connective Tissue Diseases Anti-Mu44 autoantibodies in inclusion-body myositis <i>Ger J. M. Pruijn (Nijmegen, The Netherlands)</i> Autoantibody profiling in idiopathic inflammatory myopathies: Validation of the myositis antigens Mi-2a, MDA5, NXP2 and SAE1 in a line immune assay <i>L. Komorowski, W. Meyer, T. Scheper, W. Schlumberger, A. Ott, P.J. Charles, C. Probst (Luebeck, Germany)</i> Autoantibodies to 3-hydroxy-3-methylglutaryl-Coenzyme A reductase (HMGCR) a novel biomarker for statin associated necrotizing myopathies <i>Makoto Miyara, Olivier Benveniste, Jean-Luc Charuel, Alexander Shikhman, Olivier Boyer, Joe Philips, Lucile Musset, Michael Mahler (San Diego, USA)</i> Autoantibody signatures of connective tissue disease patients identified with a bead-based assays approach <i>Angelika Lueking, Petra Budde, Heike Goehler, Jessica Schwermann, Martin Gamer, Klaus Marquardt, Anna Telaar, Daniel Chamrad, Carmen Theek, Matthias Schneider, and Peter Schulz-Knappe (Dortmund, Germany)</i> Identification of novel autoantibody signatures reflecting the heterogeneity systemic lupus erythematosus <i>P. Budde, A. Lueking, S. Vordenbäumen, H. Göhler, M. Gamer, K. Marquardt, A. Telaar, D. Chamrad, C. Theek, B. Ostendorf, P. Schulz-Knappe, M. Schneider (Dortmund, Germany)</i>
09:00 - 10:30 (Hall B)	Autoantibodies in Neurological Diseases New autoantibodies in multiple sclerosis <i>Bernhard Hemmer (Munich, Germany)</i> Autoantibodies against coronin-1a in clinically isolated syndrome and multiple sclerosis <i>Veerle Somers (Diepenbeek, Belgium)</i> Diagnostic and pathophysiologic relevance of autoantibodies against aquaporin-4. <i>Brigitte Wildeman, Sven Jarius (Heidelberg, Germany)</i> Autoantibodies against the neuronal surface antigen DPPX: markers for an emerging neurological disease entity <i>Bettina Balint, Simon Nagel, Uwe Haberkorn, Christian Probst, Inga-Madeleine Blöcker, Bianca Teegen, Kristin Rentzsch, Ramona Bahtz, Lars Komorowski, Sandra Saschenbrecker, Andreas Kastrup, Martin Kuthe, Hans-Michael Meinck, Winfried Stöcker (Luebeck, Germany)</i>
10:30 - 11:00	Coffee break
11:00 - 12:30 (Hall A)	Pathogenesis and Therapy of Autoimmune Diseases – Novel Aspects Inherited defects in nucleic acid metabolism and autoimmunity <i>Min Ae Lee-Kirsch (Dresden, Germany)</i> Induction of autoimmunity by defects of intracellular nucleases: Mouse models for Aicardi-Goutières syndrome <i>Axel Roers (Dresden, Germany)</i> Protective natural autoantibodies in atherogenesis and autoimmunity <i>Gregg J Silverman (New York, USA)</i>

	The use of Aptamers as a new tool for the treatment of autoantibody associated diseases <i>G. Wallukat, A. Haberland, S. Berg, E.J. Freyse, E. Salzsieder, W. Schulze, I. Schimke (Berlin, Germany)</i>
11:00 - 12:30 (Hall B)	Autoantibodies in Rheumatoid Arthritis Serological pre-RA diagnostics <i>Günter Steiner (Vienna, Austria)</i> Antibodies against carbamylated proteins in different stages of Rheumatoid Arthritis <i>Leendert A. Trouw (Leiden, The Netherlands)</i> Development and initial use of a multiplex chip-based assay for the detection of autoantibodies against citrullinated peptides in rheumatoid arthritis patients <i>Johan Rönnelid (Uppsala, Sweden)</i>
12:30 - 14:00	Lunch break Industrial Exhibition and Poster Viewing
	GFID Lunch Meeting (GFID member only)
14:00 - 16:00 (Hall A) EASI Symposium	Standardization/Harmonization of Autoimmune Diagnostics Standardization of reference material for autoantibody testing: the state of the art <i>Pier Luigi Meroni (Milan, Italy)</i> International recommendations for the assessment of autoantibodies to cellular antigens referred to as anti-nuclear antibodies (ANA) <i>Jan Damoiseaux (Maastricht, The Netherlands)</i> Reading and interpretation of ANA-immunofluorescence tests: results of a comparative study with 6 automated systems <i>Nicola Bizzaro (Tolmezzo, Italy)</i> ANA measurement by IIF in comparison to other methods in the diagnosis of connective tissue diseases <i>Xavier Bossuyt (Leuven, Belgium)</i> ANA questionnaires in Europe (results and possible consequences) <i>Jan Damoiseaux (Maastricht, The Netherlands)</i>
16:00 – 17:00	Coffee break Industrial Exhibition and Poster Viewing
17:00	Transfer to Schloss Albrechtsberg
18:00 - 23:00	Social Dinner at Schloss Albrechtsberg (Dresden) Dresden Prize Award Ceremony

Wednesday, 04.09.2013

09:00 - 10:30 (Hall A)	Methodical Aspects of Autoantibody Testing Toward new concepts and approaches to autoantibody testing <i>Marvin Fritzler (Calgary, Canada)</i>
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	New (automated) assays for screening and monitoring autoimmune diseases <i>Boris Gilburd (Tel Hashomer, Israel)</i> Evaluation of a new ELISA for the determination of autoantibodies against human M-type phospholipase A2 receptor in primary membranous nephropathy <i>W. Schlumberger, C. Dähnrich, C. Probst, B. Seitz-Polski, V. Esnault, J.F. Wetzels, J.M. Hofstra, E. Hoxha, R.A. Stahl, G. Lambeau, W. Stöcker, L. Komorowski (Luebeck, Germany)</i>
09:00 - 10:30 (Hall B)	Paraneoplastic and Tumor Associated Autoantibodies Proteomic profiling of autoantibodies in prostate cancer: a health disparities perspective <i>Carlos Casiano (Loma Linda, USA)</i> Characterisation of novel autoantibody biomarkers in oncology and autoimmunity <i>Will Colón, Colin Wheeler, Ezam Uddin, Nicholas Workman, Pooja Agashe, Tim Vyse and Michael B. McAndrew (Oxford, UK)</i> Multi-parametric recombinant cell-based indirect immunofluorescence assay (RC-IFA) for the determination of autoantibodies associated with paraneoplastic neurological syndromes <i>Inga-Madeleine Blöcker, Christiane Radzimski, Mandy Unger, Linda Döring, Winfried Stöcker, Josep Dalmau, Peter Sillevs Smitt, Lars Komorowski, Christian Probst (Luebeck, Germany)</i> Development of sensitive and specific assays for serological diagnosis of anti-laminin 332 mucous membrane pemphigoid <i>S. Groth, A. Abadpour, K. Vafia, C. Probst, L. Komorowski, W. Schlumberger, W. Stöcker, D. Zillikens and E. Schmidt (Luebeck, Germany)</i>
10:30 - 11:00	Coffee break
11:00 - 12:30 (Hall A)	The Renaissance of the HEp-2 cell assay Standardization of ANA-HEp-2 pattern nomenclature <i>Luis E.C. Andrade (Sao Paulo, Brasil)</i> The clinical significance of the dense fine speckled immunofluorescence pattern on HEp-2 cells in the diagnosis of systemic autoimmune diseases <i>Michael Mahler (San Diego, USA)</i> Rare staining pattern on HEp-2 cells <i>René Louis Humbel (Luxembourg)</i> Optimization of the automated HEp-2 cell assay by stepwise improvement of software algorithms <i>Rico Hiemann, Nadja Röber, Dirk Roggenbuck, Karsten Conrad (Senftenberg, Germany)</i> Anti-nematin antibodies in practice <i>J. Goetz, R.L. Humbel, G. Uettwiller, F. Habersetzer, M. Doffoel (Strasbourg, France)</i>
12:30 - 14:00	Lunch break Industrial Exhibition and Poster Viewing
14:00 - 15:30 (Hall A)	EASI/GFID Symposium for General Practitioners (in German)
15:30 -16:00	Coffee break
16:00-17:30	Meeting of the German and Austrian EASI Group (in German)