

DAY 1 14.11.16	Location: Hochschule RheinMain, Campus Rüsselsheim Fachbereich Ingenieurwissenschaft, R# 049
9:30 - 11:00	Registration & Welcome Coffee
	Welcome & Opening Adresses
11:00	Michael Przybylski, Chairmann <i>Steinbeiszentrum Biopolymer Analysis & Biomedical Mass Spectrometry, Rüsselsheim</i>
	Patrick Burghardt, Lord Major <i>City of Rüsselsheim</i>
	Wolfgang Kleinekofort, Dean <i>University of Applied Sciences, Faculty of Engineering</i>
	Michael Glockner, Head of DGMS-Science Group Affinity-Mass Spectrometry and Proteome Center, Medical University of Rostock
Session 1	New Mass Spectrometry Tools in Proteomics and Affinity-Proteomics (Chair: Michael Przybylski)
11:30	Maxim Berezovski , University of Ottawa, Canada Aptamer - Facilitated Discovery of Protein Biomarkers in Cancer and Immune Cells
12:15	Petr Pompach , Charles University, Prague/Czech Republic: Bioanalytical Prospect of MALDI Compatible Protein Chips Prepared by Ambient Ion Soft Landing
12:45	Nina Morgner , Goethe University, Frankfurt/Main: LILBID, a Soft Ionization Method for Mass Spectrometry
13:15 - 14:15	Lunch Break
Session 2	Antibodies and Immunoaffinity- Mass Spectrometry: Development and Medical Application (Chair: Stefan Maeser)
14:30	Arnd Ingendoh , Bruker Daltonik, Bremen: Intact Proteoform Profiling on an LC/MS timescale
15:00	Marcus Macht , Sciex AG, Darmstadt: Comprehensive characterization of therapeutic monoclonal antibodies by mass spectrometry
15:30	Claudia Fredolini , Science for Life Laboratory, Karolinska Institutet, Solna, Sweden: Affinity-Enrichment Mass Spectrometry (AE-MS) for Antibody Valiation in Human Body Fluids
16:00 - 16:15	Coffee - Break
16:30	Ute Resch-Genger , Federal Institute for Materials Research and Testing, Berlin: Characterization of Dye-Protein Conjugates with Optical Methods
17:15	Thorleif Lavold , Biomatif AB, ZULA Diagnostics, Uppsala/SE: Narrow pI Range Plasma Protein Abundances as Alzheimer Disease Biomarker
17:45 - 18:45	Poster Session // Wine and cheese
19:00	Bus departure to Train Station & Workshop Dinner @ "F40 Las Brisas"

DAY 2 15.11.16	Location: Hochschule RheinMain, Campus Rüsselsheim Fachbereich Ingenieurwissenschaften, R# 049
Session 3	Immunoaffinity Mass Spectrometry (continued) (Chair: M. Berezovski)
09:00	Christoph Borchers , University of Victoria, Canada ImmunoMALDI (iMALDI) for Quantifying the Expression and Phosphorylation Level of Cancer Related Proteins for Personalized Medicine
09:45	Francesca Rinaldi , University of Pavia, Dept. of Pharmacological Sciences, Pavia/Italy: Affinity-Mass Spectrometry methodologies for the development of new antituberculosis agents
10:15	Elsa Peroni , University of Cergy-Pontoise, Paris/France: Chemical reverse approach: From N-glycosylated beta-turn peptide structures mimicking conformational epitopes to novel protein autoantigens of Multiple Sclerosis
10:45 - 11:00	Coffee Break
Session 4	Afinity- Mass Spectrometry & Metabolic Diseases (Chair: M. Glocker)
11:15	Alfried Kohlschütter , University MedicalCentre Hamburg-Eppendorf Enzyme replacement therapies for lysosomal storage disorders - a clinical overview".
12:00	Zdenek Kukacka , Steinbeis Centre Biopolymer Analysis, Rüsselsheim: Identification of the antibody epitope of human alpha-galactosidase A by online SPR- affinity-mass spectrometry
12:30	Stefan Maeser , Steinbeis Centre Biopolymer Analysis, Rüsselsheim: Mass Spectrometric Diagnostics of Lysosomal Storage Diseases
13:00	Remigiusz Bachor , Department of Chemistry, University of Wroclaw/ Poland: Application of quaternary ammonium one bead-one compound (QA-OBOC) peptide combinatorial libraries in the investigation of new substrates of proteolytic enzymes
13:30 - 14:15	Lunch Break
Session 5	Affinity- Mass Spectrometry & Epitope Determination (Chair: C. Borchers)
14:30	Michael Glocker , Proteome Center, Medical University of Rostock: Clinical Applications of Mass Spectrometric Epitope Mapping
15:15	Alina Petre , Department of Chemistry, A.I.Cuza University of Iasi/Romania: The Effect of O. Mjorana Essential Oil on an Amyloid-β(1-42) Rat Model of Alzheimer's Disease: Cognitive and Molecular Approaches
15:45	Claudia Andries , Department of Biology,A.I.Cuza University of Iasi/Romania: Oxidative Modification in Proteins: Cross Reactivity of Anti- Nitrotyrosine Antibodies to Oxidatively Modified Tyrosine containing Peptides
16:15 - 16:30	Coffee Break
16:45	Caroline May , Department of Medical Proteomics, Ruhr- University Bochum: Autoantibody Profiling in Neurodegenerative Diseases
17:15	Michael Przybylski , Steinbeis Centre Biopolymer Analysis & Biomedical Mass Spectrometry, Rüsselsheim am Main: Epitope Identification and Affinity Quantification of Biopolymer Interactions: Why online-Biosensor- Mass Spectrometry?
17:45 - 18:00	Concluding Discussion, & End of Workshop, Bus Departure to Museum& Fortress
18:00	Guided Tour, City Museum Rüsselsheim
19:00	Dinner @ Restaurant "Opelvillen"

DAY 3 16.11.16	Location: Steinbeis Centre, Marktstraße 29, D-65428 Rüsselsheim
10:00	Seminar: Affinity and Biosensor - Mass Spectrometry Welcome & Introduction: Michael Przybylski
10:15	Loredana Lupu: Introduction to Biosensor analysis – SPR and SAW
10:45	Laboratory practical (1): Biosensor Analysis
11:45	Hendrik Rusche: Myoglobin Analysis as a Model Protein by SPR-MS
12:00	Laboratory practical (2): Interface for online SPR – MS
13:00	Methods of Epitope Analysis Discussion
13:30	LUNCH