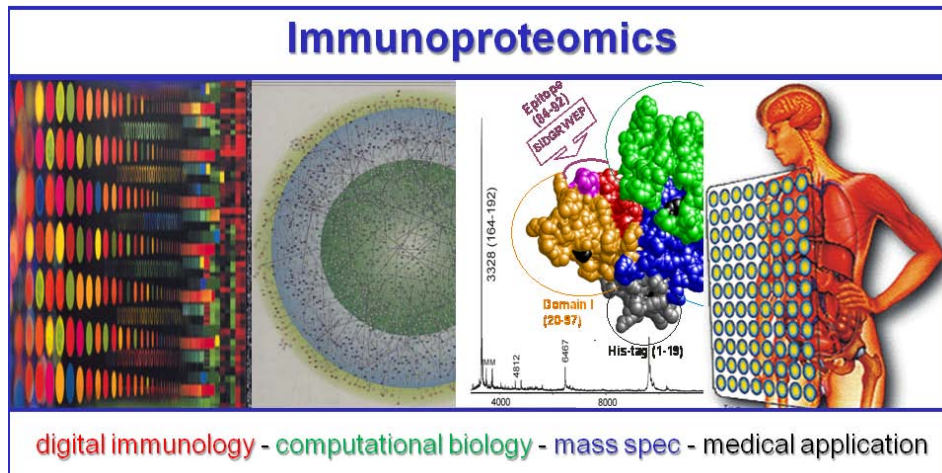


6th Proteome Forum Rostock - 2010



2nd to 4th of December, 2010

University of Rostock

Medical Faculty

BMFZ

Organizers:

M.O. Glocker, Proteome Center Rostock, University of Rostock
H.-J. Thiesen, Institute of Immunology, University of Rostock

Agenda of the 6th Proteome Forum Rostock

Thursday, 2nd of December 2010

16:00 – 20:00 Faculty Research Seminar and Excellence Research Project "Mecklenburg-Western Pommerania"

Chair: M.O. Glocker, Rostock

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| 16:00 – 17:00 | J. Lindquist, Magdeburg
Systems Biology of T-cell Activation |
| 17:00 – 17:30 | H.-J. Thiesen, Rostock, Coordinator
Epitope Mapping of human IVIg (challenge 1 of DREAM 5) |
| 17:30 – 18:00 | M.O. Glocker, Rostock
Epitope Mapping on Topoisomerase IIa with Sera from
Colon Cancer Patients |
| 18:00 – 18:30 | M. Linnebacher, Rostock
B-lymphocytes Infiltrating Colorectal Carcinoma show no
Evidence of Malignant Transformation but Produce Tumor-
Recognizing IgG |
| 18:30 – 19:00 | M. Lustrek and G. Füllen, Rostock
Epitope Prediction and Analysis Based on Peptide Array Data |
| 19:00 – 20:00 | Y. Li, Shanghai
The Essential Role of Protein Phosphorylation in the
Evolution of Vertebrates |
| 20:30 – 22:00 | Speakers Dinner |

Agenda of the 6th Proteome Forum Rostock

Friday, 3rd of December 2010

10:00 – 13:15 MedSYS - meeting of the BMBF-consortium

Chair: H.-J.. Thiesen, Rostock

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| 10:00 – 10:45 | H. Juhl, Hamburg
Challenges to use Signaling Pathway Activity as Predictors for Drug Response |
| 10:45 – 11:15 | H.-J. Thiesen, Rostock
Immune Responses to Tumors |
| 11:15 – 11:45 | M. Walzer, Tübingen
High-throughput identification of tumor-associated HLA class I ligands |
| 11:45 – 12:15 | M. Schmitt, Rostock
Peptide Vaccination of Leukemia Patients |
| 12:15 – 12:45 | F. Buelens, Göttingen
Methods for the calculation of free energy differences in macromolecular complexes |
| 12:45 – 13:15 | G. Eschenburg, Berlin
DNA vaccination in TRAMP mice |
| 13:15 – 14:30 | Lunch Break |

Agenda of the 6th Proteome Forum Rostock

Friday, 3rd of December 2010

14:30 – 18:30 Systems Pathology and Method Development / Deep Sequencing

Chair: H.-J. Thiesen, Rostock

Systems Pathology and Method Development

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| 14:30 – 15:00 | H.-J. Thiesen, Rostock
Systems Pathology |
| 15:00 – 15:30 | J. Heise, Halle
Refraction-2D: Novel Technology for High Performance
Multiplex 2D Analysis |
| 15:30 – 16:00 | B. Frerich, Rostock
Trends in Diagnostic and Treatment of Oral Cancer and other
Head and Neck Tumors |
| 16:00 – 16:30 | Break |
| 16:30 – 17:00 | E. Dülsner, Berlin
Small Molecules Capture Compounds: Towards a Functional
Reduction of Proteome Complexity |
| 17:00 – 17:30 | M. Maruschke, Rostock
In Search of Prognostic Parameters for Novel Therapeutic
Approaches in Renal Cancer |

Deep Sequencing

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| 17:30 – 18:00 | Y. Li, Shanghai
Identification of Causative Variations based on the
Technology of Next Generation Sequencing |
| 18:00 – 18:30 | H.-J. Thiesen, D. Koczan, M. Kreutzer, Y. Li, G. Füllen
Discussion on Computational Infrastructure for
Deep Sequencing |
| 19:30 – 21:00 | Dinner |

Agenda of the 6th Proteome Forum Rostock

Saturday, 4th of December 2010

10:00 – 13:30 Structured Ph.D. curriculum - Participants' Camp

Chair: M.O. Glocker, Rostock

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| 10:00 – 10:45 | M.O. Glocker, Proteome Center Rostock
Welcome and Introduction |
| 10:45 – 11:15 | NN / R. Jaster, Gastroenterology, Rostock
Role of ROS in Pancreatitis and Pancreatic Ageing |
| 11:15 – 11:45 | T. Eickner / M.O. Glocker, Proteome Center Rostock
Affinity Mass Spectrometry of Low Abundant Endogenous
Proteins: How to differentiate a Target from its Background |
| 11:45 – 12:15 | M. Wölter / M.O. Glocker, Proteome Center Rostock
Proteome Signatures by Mass Spectrometric Blood Profiling
of Patients |
| 12:15 – 12:45 | M. Ludwig / J. Li, Heart Surgery, Rostock
The c-kit+(AT2R+) Cell Population and their Potential in
Cardiac Repair after Ischemic Injury |
| 12:45 – 13:15 | C. Röwer / M.O. Glocker, Proteome Center Rostock
Quantitative Proteomics and Pathology - Merging Two Worlds |
| 13:15 – 13:30 | M.O. Glocker, Proteome Center Rostock
Summary and Farewell |