



7th Proteome Forum Rostock - 2011

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Export your selected results: Export Export with expression data Select All :

Gene	AntibodyID	Location	Breast_cancer	Renal_cancer
<input type="checkbox"/>	<input type="button" value="Submit"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> NPM1	CAB012983	5: 170814708 - 170838141		
<input type="checkbox"/>	HPA011384	5: 170814708 - 170838141		
<input type="checkbox"/> NME1	HPA008467	17: 49230897 - 49239556		
<input type="checkbox"/> GAPDH	CAB005197	e 12: 6643093 - 6647537		
<input type="checkbox"/> PKM2	CAB019421	15: 72491370 - 72523684		
<input type="checkbox"/> GAPDH	CAB016392	e 12: 6643093 - 6647537		
<input type="checkbox"/> PKM2	HPA029501	15: 72491370 - 72523684		
<input type="checkbox"/> OGN	HPA013132	: 9: 95146249 - 95166978		

15th to 17th of December, 2011

University of Rostock

Medical Faculty

Proteome Alliance e.V.



Organizers:

M.O. Glocker, Proteome Center Rostock, University of Rostock
 H.-J. Thiesen, Institute of Immunology, University of Rostock
 Y. Li, Shanghai Center for BioInformation Technology



Agenda of the 7th Proteome Forum Rostock

Thursday, 15th of December 2011

I. **Faculty Research Seminar**
Controlled gene expression

Chair: H.-J. Thiesen, Rostock
Chair: M.O. Glocker, Rostock
(Lecture hall, Schillingallee 70)

16:00 – 17:00 **J. Boch**, Martin-Luther-Universität Halle-Wittenberg
Xanthomonas TALEs - a DNA-binding Domain with Programmable Specificity.

17:00 – 18:00 **Y. Li**, Shanghai Center for Bioinformation and Technology
Dynamic Conservation of Gene Co-expression and Oncogene Deciphering.

20:00 – 22:00 **Speakers Dinner**



Agenda of the 7th Proteome Forum Rostock

Friday, 16th of December 2011

II. **IRSES - Round table discussion**

Zinc finger gene biology in evolution and disease

Chair: H.-J. Thiesen, Rostock

Chair: Y. Li, Shanghai

(Seminar room II, Schillingallee 70)

- 8:30 – 10:00 Rostock (Coordination / zinc-finger biology / protein interactions)
Jena (RNA Seq / network modelling)
Zürich (Orang Utan genomics / SNPs / phylogeny and brain sizes)
Köln (Systems Pathology)
Shanghai (Data bases / pathway assignments / web tools)
- 10:00 – 10:30 Organizing the Sino-German-Meeting, Beijing, in September 2012:
Zinc finger biology, stem cells, and systems pathology.
- 10:30 – 11:00 Break

III. **Oncotheranostics consortium**

From Individual Genomes to Personalized Medicine

Chair: H.-J. Thiesen, Rostock

(Seminar room II, Schillingallee 70)

- 11:00 – 11:15 **H.-J. Thiesen, Rostock**
Highlights and Challenges in Oncotheranostics.
- 11:15 – 11:35 **M. Maruschke, Rostock**
Searching for and Validation of Potential Biomarkers in Renal Cell Carcinoma.
- 11:35 – 11:55 **D. Koczan, Rostock**
Sequencing of Individual Genomes.
- 11:55 – 12:15 **M. Linnebacher, Rostock**
Individual tumor models and functional response prediction.
- 12:15 – 12:45 **General Discussion**
Perspective of Individual Genomes in Clinical Medicine.
- 12:45 – 13:30 Lunch Break



Agenda of the 7th Proteome Forum Rostock

Friday, 16th of December 2011

IV. Plenary Session

Integrative Science: From 'Omics to Systems

**Chair: M.O. Glocker, Rostock
(Seminar room II, Schillingallee 70)**

13:30 – 14:15 **T. Cathomen / C. Mussolino, Hannover**

Cut & Paste - Designer Nucleases for Targeted Genome Engineering.

14:15 – 14:45 **H.-J. Thiesen, Rostock**

KRAB Zinc-finger Genes in Primate Evolution.

14:45 – 15:15 **M. Krützen, Zürich**

Orang-Utan Genetics / Genomics.

15:15 – 15:45 **Break**

**Chair: Y. Li, Shanghai
(Seminar room II, Schillingallee 70)**

15:45 – 16:05 **R. Guthke / M. Weber, Jena**

Module-guided Network Inference, Modelling the Differential Response of hMSC to Chondrogenic Stimulations.

16:05 – 16:25 **J. von Kries / E. Specker, Berlin**

High-throughput Screening of Small Molecules.

16:25 – 16:45 **G. Füllen, Rostock**

Proteomic Analysis of Mouse Oocytes Reveals 28 Candidate Factors of the "Reprogrammome".

16:45 – 17:05 **M.O. Glocker, Rostock**

Identification of Protein Phosphorylation Sites by Mass Spectrometry.

17:05 – 17:30 **General Discussion**

Toponostics and More

19:30 – 21:00 **Dinner**



Agenda of the 7th Proteome Forum Rostock

Saturday, 17th of December 2011

V. M.D. / Ph.D. curriculum - Participants´ Camp
Molecular Mechanisms of Regenerative Processes

Chair: C. Röwer, Rostock
Chair: M.O. Glocker, Rostock
(Seminar room BMFZ, Schillingallee 69)

- 9:00 – 09:15 **M.O. Glocker**
Welcome and Introduction
- 9:15 – 10:15 **B. Grunow (Lübeck); Key note lecture**
Fish Cell Cultures as a Robust Read-out System in Applied Research.
- 10:15 – 10:35 **C. Röwer**
Preparation, Refinement and Validation of a Proteome Signature for Invasive Ductal Breast Carcinoma.
- 10:35 – 10:55 **M. Al-Majdoub**
Mass Spectrometric Epitope Analysis on Ro52, an Autoantigen in Sjögren Disease and Systemic Lupus Erythematosus (SLE).
- 10:55 – 11:45 **All Participants**
Discussion and Exchange of Experiences between Doctorate Students, Supervisors, and Mentors.
- 11:45 – 12:05 **M. Wölter**
Characterization of intrauterine growth restriction by mass spectrometric profiling of cord blood samples.
- 12:05 – 12:25 **M. Ludwig**
Characterization of the CD117+AT2R+ stem cell population with Patch-Clamp.
- 12:25 – 12:45 **S. Zaatreh**
Evaluation of new anti-microbial implants in two-stage revision of total hip or knee replacement.
- 12:45 – 13:00 **M.O. Glocker**
Summary and Farewell