

# Program Workshop Molecular Interactions

July 23<sup>rd</sup> – 25<sup>th</sup>

Henry Ford Building, Free University Berlin

Wednesday, July 23<sup>th</sup>

11:00	<b>REGISTRATION</b>	
Date/ Time	Session/ Speaker	Title
<b>Hörsaal C</b>	Introduction Session Chair: Tim Hucho	
13:00	Welcome address: Rainer Haag	
13:15 – 13:45	Marius Ueffing GSF – German Center for Environmental Health	<i>Protein networks and human disease: analysing “guilty by association” on the level of protein interactions</i>
13:45 – 14:15	Pascal Braun, Harvard - Center for Cancer Systems Biology	<i>Protein interactome mapping as a foundation for network and systems biology.</i>
14:15 – 14:45	Ralph Hölzel, Fraunhofer Institute for Biomedical Engineering IBMT	<i>Single molecule manipulation of DNA and proteins by AC electric fields</i>
14:45 – 15:15	<b>COFFEE BREAK</b>	
<b>Hörsaal C</b>	Chair: Rolf Findeisen	
15:15 – 15:45	Wolfgang Marwan Magdeburg Centre for Systems Biology	<i>Commitment and cell differentiation in amoebzoa: A systems level approach</i>
15:45 – 16:15	Annegret Wagler Magdeburg Centre for Systems Biology	<i>From experimental time series data to molecular interaction networks</i>
16:15 – 16:45	Justin Pachebat University of Cambridge, UK	<i>Advances in Sequencing and Mapping Technology and Multi-locus Single Molecule PCR</i>
16:45 – 17:15	<b>COFFEE BREAK</b>	

<b>Hörsaal C</b>	Chair: Wolfgang Marwan	
<b>17:15 – 17:45</b>	Wei Chen, MPI for Molecular Genetics	<i>Application of Next-Generation sequencing technology in genetic research</i>
<b>17:45 – 18:15</b>	Maik Prüss, Affymetrix	<i>Find the Missing Piece - GeneChips for Analyzing 1 Million Exons</i>
<b>18:15 – 18:45</b>	Katja Gellersen, Invitrogen	<i>Protoarrays von Invitrogen</i>
<b>19:00</b>	<b>GET TOGETHER</b>	

2008

Thursday, July 24<sup>th</sup>

Date/ Time	Session/ Speaker	Title
<b>Hörsaal C</b>	Chair: Harald Seitz	
<b>9:00 – 9:30</b>	Joost van Mameren, VU University, Amsterdam	<i>Visualizing single DNA-bound proteins using DNA as a scanning probe</i>
<b>9:30 – 10:00</b>	Kerstin Länge, Forschungszentrum Karlsruhe	<i>Surface Acoustic Wave (SAW) Biosensors for Biomolecular Applications</i>
<b>10:00 – 10:30</b>	Petra Dittrich, ETH Zürich	<i>Microfluidics for Bioanalytics</i>
<b>10:30 – 11:00</b>	<b>COFFEE BREAK</b>	

Hörsaal C	Chair: Harald Seitz	
<b>11:00 – 11:30</b>	Andrea Erlbruch, EMBL Heidelberg	<i>Function of annexins in plasma membrane repair</i>
<b>11:30 – 12:00</b>	Mandy Diskar, University Kassel	<i>Bioluminescence RET: Monitoring PKA subunit dynamics in living cells</i>
<b>12:00 – 12:30</b>	Stefan Prechtel, Schering	<i>High-Content Analysis in Preclinical Drug Research</i>
<b>12:30 – 14:00</b>	<b>LUNCH BREAK</b>	

Hörsaal C	Chair: Bernd Schmeck	
<b>14:00 – 14:30</b>	Soroush Sharbati-Tehrani, FU-Berlin	<i>miR-Q: qRT-PCR for expression profiling of small RNA molecules such as microRNAs</i>
<b>14:30 – 15:00</b>	Ole Ammerpohl, Illumina	<i>DNA methylation in development and disease</i>
<b>15:00– 15:20</b>	Edgar Lipsius, Biomol	<i>Real-Time PCR based quantification of transcription factor promoter interactions using ChIP qPCR Primer Assays</i>
<b>15:20-15:45</b>	<b>COFFEE BREAK</b>	

THE AFTERNOON SESSIONS SOLELY DEALS WITH THE CAREER FAIR

2008

Thursday, July 24<sup>th</sup>

Hörsaal C	<b>CAREER FAIR</b> Most talks are in German Chair: Dr. Lennart Brand	
15:45 – 16:15	Lennart Walter jobvector - The LifeScience Career Center	<i>Jobsuche in der Praxis</i>
16:15– 16:45	Georg Rheinbay Berlin-Chemie AG	<i>Was muß zusätzlich zur Chemie noch stimmen, wenn ich bei Berlin Chemie arbeiten will?</i>
16:45 – 17:15	Katharina Aly German Scholars Organization e. V.	<i>Für die Karriere ins Ausland – wer hilft mir zurück? (Presentation in English)</i>
17:15 – 17:40	<b>COFFEE BREAK</b>	
Hörsaal C	<b>CAREER FAIR</b> Most talks are in German	
17:40 – 18:10	Ute Fink Projektträger Jülich	<i>Förderung von Unternehmensgründungen aus der Wissenschaft</i>
18:10 – 18:20	Markus Wenzel Diagnostik der Alzheimer Krankheit	<i>Warum ich Gründer bin</i>
18:20 – 18:50	Claas Junghans, Babelon - European Patent Attorney Strategic Intellectual Asset Management GmbH	<i>Erfindungen und ihr Schutz – Naturwissenschaftler als Patentanwälte (Presentation in English)</i>
Seminarraum I	<b>RHETORIK - MEDIENTRAINING – COACHING</b>	
15:45 – 18:30 <b>Anmeldung erforderlich!</b>	K & S Kommunikation GBR Kerstin Köhler und Cäcilie Skorupinski Diplom-Sprechwissenschaftlerinnen	<i>Rhetorik - Medientraining – Coaching Disputationsvorbereitung Einzel- sowie Gruppengespräche</i>
Seminarraum II	<b>BEWERBUNGSMAPPENCHECKS UND PROBEINTERVIEWS</b>	
15:45 – 19:00 <b>Anmeldung erforderlich!</b>	Simone Pfister, Senior Consultant Life Sciences, Kienbaum Berlin GmbH	Bewerbungsmappencheck (je 20Minuten)
19:30	<i>Speakers Dinners</i> (by Invitation)	

2008

**Friday, July 25<sup>th</sup>**

<b>Date/ Time</b>	<b>Session/ Speaker</b>	<b>Title</b>
<b>Hörsaal C</b>	Chair:	
<b>9:00 – 9:30</b>	Kai Scheffler, Thermo Fisher	<i>Target Peptide Quantification in Complex Mixtures using High Resolution triple Quadruple Mass Spectrometer</i>
<b>9:30 – 10:00</b>	Patrick Giavalisco, MPI Molecular Plant Physiology	<i>High resolution Mass spectrometry and isotope labelling: an efficient combination for the analysis of metabolites</i>
<b>10:00 – 10:30</b>	Ina Koch, TFH Berlin	<i>Modeling of pathomechanism of Duchenne Muscular Dystrophy</i>
<b>10:30 – 11:00</b>	<b>COFFEE BREAK</b>	
<b>Hörsaal C</b>	Chair:	
<b>11:00 – 11:30</b>	Jan G. Hengstler, Leibniz Research Centre, Dortmund	<i>Modelling of spatial-temporal processes during tissue regeneration</i>
<b>11:30 – 12:00</b>	Dagmar Wirth , HZI Braunschweig	<i>Synthetic expression modules for controlled transgene expression in cells and mice</i>
<b>12:00 – 12:30</b>	Dieter Weichart, Manchester centre for integrative Systems biology	<i>Assembling Yeast Systems Biology: the MCISB approach</i>
<b>12:30 – 13:00</b>	Wolfram Weckwerth, MPI Molecular Plant Physiology	<i>Systems Biology: From Molecule to Phenotype</i>
<b>13:00</b>	<b>CLOSING REMARKS</b>	