

Tuesday, September 30, 2008

- 07:30 **Registration starts**
- 08:00 – 08:15 **Opening Remarks** Prof. Dr. Dr. H. Michael Piper  
**Welcome Address**  
President of the JLU, Prof. Dr. Stefan Hormuth
- Section 8 “Synthetic Molecules Materials”/ Chaired by: Juliane Hirnet
- 08:15 – 08:45 **Variations on Annelated Quinolizinium Derivatives: From Assoziation to Nucleic Acids to Topoisomerase Inhibition**  
Prof. Dr. Heiko Ihmels, University of Siegen
- 08:45 – 09:05 **Characterization of peptides from the skin secretion of amphibians by composition-based *de novo* sequencing using positive and negative ion mass spectrometry**  
Marcus Langsdorf, University of Giessen
- 09:05 – 09:20 **Characterization of cells by nanoLC/FTICR/MS/MS as a reference for MS Imaging**  
Yvonne Schober, University of Giessen
- 09:20 – 09:40 **Phenylboronic acid building blocks for solid phase synthesis**  
Falk Wienhold, University of Giessen
- 09:40 – 09:50 **Short break**
- Section 2 „Infection and Immunology“/ Chaired by: Sandra Bick
- 09:50 – 10:20 **Translating Infection into Immunity: The Interleukin-1 Receptor Family**  
Prof. Dr. Michael Martin, University of Giessen
- 10:20 – 10:40 **Hepatitis B virus: Analysis of binding and uptake using confocal laser scanning microscopy**  
Nicole Kott, University of Giessen
- 10:40 – 11:00 **Host – Pathogen Interactions at epithelial Barriers**  
Martin Leustik, University of Giessen
- 11:00 – 11:15 **Transcriptome profiling of primary murine monocytes, lung macrophages and lung dendritic cells reveals a distinct expression of genes involved in cell trafficking**  
Jan Zbigniew Zaslona, University of Giessen
- 11:15 – 11:45 **Tea/coffee**
- Section 3 „Heart, Lung and Blood Vessels“/Chaired by: Denis Paksoy
- 11:45 – 12:15 **Signalling in a vascular network in vivo**  
Prof. Dr. Ulrich Pohl, University of Munich
- 12:15 – 12:30 **Characterisation of chloride transport mechanisms in the lung of *Xenopus laevis***  
Jens Berger, University of Giessen
- 12:30 – 12:45 **Aerosolized recombinant human Lysozyme in mouse-models of pneumonia**  
Benjamin Löh, University of Giessen
- 12:45 – 13:00 **Role of AMP-activated Protein Kinase in Ischemia-Reperfusion-Induced Barrier Failure in Endothelial Monolayers**  
Assad Riaz, University of Giessen
- 13:00 – 13:15 **Muscarinic receptor-2-mediated constriction of murine bronchi is caveolae dependent**  
Heike Schlenz, University of Giessen
- 13:15 – 14:15 **Lunch**
- Section 4 „Biochemistry and Molecular Biology“/Chaired by: Assad Riaz
- 14:15 – 14:45 **Molecular mechanism of translation initiation on the hepatitis C virus RNA**  
Prof. Dr. Ivan Shatsky, M.V. Lomonosov Moskow State University
- 14:45 – 15:05 **3D structure of the cyanobacterial phytochrome sensory module Cph1**  
Joël Mailliet, University of Giessen
- 15:05 – 15:25 **The role of RpoHII in the singlet oxygen mediated stress response**  
Aaron Nuss, University of Giessen
- 15:25 – 15:45 **Autoregulation of hnRNP L on alternative splicing level: NMD induced by conserved intronic CA-rich cluster**  
Oliver Roßbach, University of Giessen
- 15:45 – 16:15 **Tea/coffee**
- Section 9 „Dental Medicine“/Chaired by: Cornelia Steilmann
- 16:15 – 17:15 **Neutrophil defects in Aggressive Periodontitis**  
Prof. Dr. Alpdogan Kantarci, Boston University
- 17:15 – 17:30 **Genetic and functional analyses of the formyl peptide receptor in patients with aggressive periodontitis**  
Denis Paksoy, University of Giessen
- 17:30 – 17:45 **Shark Fin Test and rheological properties of dental impression materials: A correlation analysis**  
Jürgen Stelzig, University of Giessen
- 18:00 – 20:00 **Poster and finger food**

Wednesday, October 1, 2008

Section 6 „Reproduction in Man and Animal“/Chaired by: Silke Leutner

- 08:30 – 08:40 **Regulatory mechanisms in spermatogenesis**  
Prof. Dr. Klaus Steger, University of Giessen
- 08:40 – 08:55 **Anti diabetic effects of bitter gourd–extracts in type II diabetic dbdb mice**  
Sandra Klomann, University of Giessen
- 08:55 – 09:10 **The cholinergic system in the mouse oviduct**  
Miriam Wolff, University of Giessen
- 09:10 – 09:20 **Placental steroids in cattle: New approaches to an old mystery**  
PD Dr. Gebhard Schuler, University of Giessen
- 09:20 – 09:35 **Regulation and mechanisms of placental release in cows**  
Sima Shenavai, University of Giessen
- 09:35 – 09:50 **Expression and functions of Sodium-dependent Organic Anion Transporter (SOAT) variants in bovine placentomes**  
Pershotam Khatri, University of Giessen
- 09:55 – 10:05 **Short break**

Section 7 „Stress Resistance and Adaptation“/Chaired by: Amukelani Shiringani

- 10:05 – 10:30 **Oxidative stress-mediated cell death – novel mechanisms and targets**  
Prof. Dr. Carsten Culmsee, University of Marburg
- 10:30 – 10:50 **Genome structure and genetic tractability of the Basidiomycota *Piriformospora indica***  
Magdalena Basiewicz, University of Giessen
- 10:50 – 11:10 **Systemic Signalling and Changes in Barley Proteome after BYDV Infection**  
Kathrin Steckbauer, University of Giessen
- 11:10 – 11:30 **The Glutamate Dehydrogenases of *Plasmodium falciparum* as Promising Drug Targets for the Development of Novel Antimalarials**  
Kathleen Zocher, University of Giessen
- 11:30 – 12:00 **Tea/coffee**

Section 1 „Man, Nutrition and Environment“/ Chaired by: Sebastian Kehr

- 12:00 – 12:30 **Wheat and barley for celiac patients by molecular silencing of the immunogenic endosperm proteins**  
Prof. Dr. Diter v. Wettstein, Washington State University
- 12:30 – 12:50 **IBMIR: Effect of GPVI depletion on platelet adherence to pancreatic islet cells**  
Chen Chunguang, University of Giessen
- 12:50 – 13:10 **Anti-inflammatory potential of milk peptides – an *in vitro* study**  
Daniela Kriebisch, University of Giessen
- 13:10 – 13:30 **Evaluation of sweet sorghum (*Sorghum bicolor*) as a potential bioenergy crop**  
Amukelani Shiringani, University of Giessen
- 13:30 – 14:30 **Lunch**
- 14:30 – 16:00 **Poster**
- 16:00 – 16:15 **Tea/coffee**

Section 5 „Neurosciences“/Chaired by: Falk Wienhold

- 16:15 – 16:45 **Neuronal birth and death in the adult brain – Can you tell the difference?**  
Prof. Dr. Günter Höglinger, University of Marburg
- 16:45 – 17:00 **Peroxisomes and impaired oxygen metabolism in cases of clinical schizophrenia and in primary cultured mouse neurons treated with typical neuroleptics**  
Phillip Grant, University of Giessen
- 17:00 – 17:15 **Surface-binding autoantibodies against autonomic nervous system in Complex Regional Pain Syndrome**  
Danielle Kohr, University of Giessen
- 17:15 – 17:30 **Effects of H<sub>2</sub>O<sub>2</sub> on Na<sup>+</sup> currents on rat myenteric neurones**  
Ervice Pouokam, University of Giessen
- 17:30 – 17:45 **Effect of statins on MHC I expression in muscle cell lines**  
Pratibha Singh, University of Giessen
- 17:45 – 18:00 **Closing Remarks**  
Prof. Dr. Dr. H. Michael Piper
- 18:00 – 18:15 **Award Ceremony**  
Best Poster and Best Talk
- at 20:00 **GGL Student Party**