



1st Colloquium

Agenda

Winter term 2012/2013

03/07-08/2013

Landhotel „Altes Wasserwerk“, Freinsheim

Thursday, March 7

9.30

Arrival

9.50

Welcome (Ekkehard Neuhaus, Speaker)

Chair: Sandro Keller

Time	Lecturer	Title
10.00 am	Alican Erdogan	Redox processes in mitochondrial respiratory chain assembly
10.20 am	Manuel Fischer	Import and oxidative protein folding in the intermembrane space
10.40 am	Ajay Ramesh	Molecular dissection of the mitochondrial protein import machinery

11.00 am

Coffee break

Chair: Holger Becker

Time	Lecturer	Title
11.30 am	Valentina Peleh	Functional characterization of mitochondrial intermembrane space proteins
11.50 am	Sarah Haßdenteufel	Posttranslational protein transport into the human endoplasmic reticulum
12.10 pm	Armin Melnyk	Luminal chaperone BiP and regulation of the ER protein translocase

12.30 pm

Lunch / Check in

1.45 pm

Guided city wall tour

Chair: Barbara Niemeyer

Time	Lecturer	Title
3 pm	Quynh Nguyen Truong	CAPS2 splice variants in mouse chromaffin cells
3.20 pm	Hawraa Bzeih	Investigating the role of NCS-1 (neuronal calcium sensor-1) in CTLs (cytotoxic T lymphocytes)
3.40 pm	Linda Forero	The role of monocarboxylate transporters (MCTs) in the uptake of ketone bodies into neurons and glial cells
4 pm	Zinnia Naoshin	Anion specificity of membrane transporters

4.30 pm

Coffee break

Chair: Jan Riemer

Time	Lecturer	Title
5.00 pm	Kerstin Duscha	SOS1: a Na ⁺ /H ⁺ antiporter in the plasma membrane of <i>Arabidopsis thaliana</i>
5.20 pm	Manuel Daumann	Equilibrative nucleoside transporters - structure-function relations and subcellular localization in <i>Arabidopsis thaliana</i>
5.40 pm	Christopher Girke	Vacuolar nucleoside transport and metabolism
6.00 pm	Guest talk Prof. Ralf Bernd Klösigen (Plant Physiology, University Halle)	Specificity and mechanism of protein transport processes in plant cells

7.30 pm

Dinner (wine tavern "Im Kitzig")

Friday, March 8

8 am

Breakfast/Check out

Chair: Jutta Engel

Time	Lecturer	Title
9 am	Alexander Fischer	Impact of GABA transporter activity on synaptic transmission in the auditory brainstem
9.20 am	Martin Fuhr	Electrophysiological characterization of the inhibitory MNTB-LSO connection upon prolonged high frequency stimulation: the effect of intermittent stimuli
9.40 am	Anouar Belkacemi	After embryonic fibroblasts: What about $\beta 3$ subunit in cardiac fibroblasts?
10 am	Lorenz Latta	TRPC4 channel proteins: Two potential interacting proteins

10.30 am

Coffee break

Chair: Torsten Möhlmann

Time	Lecturer	Title
11.00 am	Martin Textor	Amino acid hydrophobicity scale for α -helical membrane proteins
11.20 am	Jessica Klement	Rational reconstitution of membrane proteins
11.40 am	Hélène Lyrmann	Migration of killer cells
12.10 pm	Christian Backes	How natural killer cells kill their targets: different mechanisms to deliver cytotoxicity

12.20 pm

Concluding remarks (Richard Zimmermann, 2nd Speaker)

12.30 pm

Lunch/Departure