

Campus Buch Symposium – May 26th, 2011, MDC.C

9.00 Welcome – Hartmut Oschkinat (FMP)

Keynote: Stefan Offermanns (MPI heart and lung research, Bad Nauheim)
GPCRs – An inexhaustible resource for therapeutic targets

9.45 Gwendolyn Billig (FMP/MDC) – Ca²⁺-activated Cl⁻ currents are dispensable for olfaction

10.05 Damir Omerbasic (MDC) – Selective inactivation of the TRPV1 channel by single amino acid mutations

10.25 Christian Bellmann (FMP) – The role of transmembranous cysteines in the cis- and trans- homooligomerization of occludin under oxidative stress

----- 10.45 - 11.00 Coffee break -----

11.00 Aouefa Amoussouvi (MDC/HU) – Counting of mRNA molecules in single budding yeast cells to investigate the influence of transcription variability on the yeast cell cycle

11.20 Pinar Oenal (MDC) – Gene expression profiling of planarian stem cells suggests deep conservation of molecular mechanisms for pluripotency in human embryonic stem cells

11.40 Petya Zhelyazkova (MDC/HU) – The transcriptome of barley chloroplasts determined by deep sequencing

----- 12.00 - 13.00 Poster Session/Lunch -----

13.00 Opening of new MDC seminar series – Walter Rosenthal

Keynote: Oliver Rocks (MDC)
Ras and Rho GTPase signaling in space and time

13.45 Florian Paul (MDC) – Identification of Rho-GTPase effector proteins by quantitative mass spectrometry

14.05 Marco Röben (FMP) – NMR spectroscopic investigation of mobility and hydrogen bonding of the chromophore in the binding pocket of phytochrome proteins

14.25 Rossukon Thongwichian (FMP) – Instant Kinase Activity Profiling by NMR Spectroscopy

----- 14.45 - 15.45 Poster Session/Coffee -----

15.45 Keynote: Hauke Werner (MPI experimental medicine, Göttingen)
Wrap it! The myelination of axons dissected by molecular and genetic tools

16.30 Chris Fröhlich (MDC) – Elucidating the mitochondrial scission machinery on a molecular level

16.50 Annett Köhler (MDC) – Htm1p is a mannosidase that generates N-linked Man7GlcNAc2 glycans to accelerate the degradation of misfolded glycoproteins

17.30 Awarding of the Prizes and Barbecue (MDC.C Foyer)