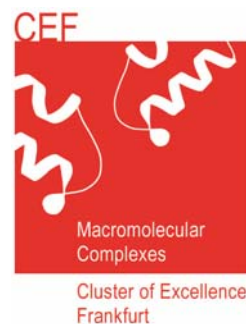


CEF Focus Project Symposium

Friday 3 May 2013

Venue: Biologicum, lecture hall 1, B -1.202, Max von
Laue Str. 13, Riedberg Campus, Frankfurt am Main



Part I - Current CEF Focus Projects

- 9:00 Welcome and introduction – Volker Dötsch
- 9:05 “Structural and functional remodeling of mitochondria during permeability transition”
Ulrich Brandt, Werner Kühlbrandt, Ina Koch, Heinz Osiewacz & Stefan Dörse
- 9:35 "Ubiquitin modifications as key signaling hubs for the regulation of survival and of cell death pathways"
Ivan Dikic, Volker Dötsch, Simone Fulda, Mike Heilemann & Ina Koch
- 10:05 “Dynamics of RNA and RNP distribution in cells”
Erin Schuman, Alexander Heckel & Thomas Deller
- 10:35 “Coupling microbial rhodopsins with intrinsic ion channels “
Alexander Gottschalk, Ernst Bamberg, Clemens Glaubitz, Thomas Prisner & Josef Wachtveitl
- 11:05 *Coffee break*

Part II - Proposals for new CEF Focus Projects

- 11:20 “Regulation of transcriptional elongation by distinct post-transcriptional modifications of the P-TEFb kinase complex”
Rolf Marschalek & Dieter Steinhilber
- 11:50 “Molecular dynamics simulations using Field Programmable Gate Arrays”
Enrico Schleiff & Udo Kbschull
- 12:20 “Optochemical biology: in-situ receptor clustering by light”
Alexander Heckel, Robert Tampé, Mike Heilemann und Ralph Wieneke
- 12:50 *Snacks and refreshments*
- 13:20 “Molecular basis and regulation of mitochondrial membrane structure and dynamics: an interdisciplinary approach characterizing the functional roles of crista junctions”
Andreas Reichert, Karen Davies & Ilka Wittig
- 13:50 “Eukaryotic riboswitches and how they differ from their bacterial counterparts”
Harald Schwalbe, Enrico Schleiff, Beatrix Süß & Jens Wöhnert
- 14:20 “Nanocrystallization and X-ray free electron laser (XFEL) crystallography of macromolecular complexes”
Thomas Meier, Martin Pos, Martin Grininger & Volker Zickermann
- 14:50 Close