

Programme

International Symposium Evolution of Protein Translocation Systems

Thursday, 8th to Friday, 9th of July 2010

The Posters session taking place near by the lecture hall is open daily during the whole conference. The presenters will be invited to add a photograph of the representing author(s) to foster the detection by interested participants.

8th of July

8:00 Conference Registration starts – entrance hall FIAS Building
09:00 - 09:15 Opening by **Enrico Schleiff**

Session I

Chair: **Ulrich Brandt**

9:15 – 9:45 **Irmgrad Sinning** (Heidelberg)
"The evolution of the signal recognition particle"

9:45 – 10:15 **Mecky Pohlschröder** (Massachusetts)
"The evolution of the Sec and TAT translocon"

10:15 – 10:45 *Coffee Break*

10:45 – 11:15 **Pavel Dolezal** (Prague)
"The evolution of the mitochondrial system"

11:15 – 11:45 **Johannes Herrmann** (Kaiserslautern)
"The evolution of Oxa1/YidC/Alb insertases"

11:45 – 12:15 **Doron Rapaport** (Tübingen)
"Biogenesis of beta-barrel membrane proteins in bacteria and eukaryotes: Evolutionary conservation and divergence"

12:15 – 14:00 Lunch in Biocenter dining room in N100 (near main entrance of Biocenter, see "Location")

13:00 – 15:30 Poster session

Session IIChair: **Klaas Martinus Pos**

- 15:30 – 16:00 **Uwe Maier** (Marburg)
"The evolution protein import into complex plastids"
- 16:00 - 16:30 **Geoffrey McFadden** (Melbourne)
"The evolution of transport systems of apicomplexa"
- 16:30 – 17:00 Coffee Break
- 17:00 – 17:30 **Thomas Becker** (Freiburg)
"Functions and dynamics of the mitochondrial sorting and assembly machinery"
- 17:30 – 18:00 **Jude Przyborski** (Marburg)
"And now for something (almost but not quite) completely different: Protein traffic and transport in malaria parasites"
- 18:00 – 19:00 Poster session

9th of July**Session III**Chair: **Bernd Ludwig**

- 9:00 – 9:30 **Gunnar von Heijne** (Stockholm)
"The evolution of helical membrane proteins"
- 9:30 – 10:00 **Andrei N. Lupas** (Tübingen)
"The evolution of β -barrel proteins"
- 10:00 – 10:30 **Hans J. Vogel** (Calgary)
"Transport in Gram-negative bacteria: Spanning the periplasm"
- 10:30 – 11:00 Coffee Break
- 11:00 – 11:30 **Michael Dean** (Frederick)
"The evolution of ABC transporter"
- 11:30 – 12:00 **Milton H. Saier** (La Jolla)
"The evolution of P-type ATPases"
- 12:00 – 12:30 **Andreas Weber** (Düsseldorf)
"The evolution of solute plastid transporter"
- 12:30 – 14:30 Lunch in Biocenter dining hall in N100 (near main entrance)
Poster session (odd numbers)
- 14:30 - 14:45 Group Photograph in front of lecture hall B1
- 13:30 – 16:00 Poster Session + Coffee Break

Session IVChair: **Robert Tampé**

16:00 – 16:30	Lucy Forrest (Frankfurt) “The evolution of secondary transporter”
16:30 – 17:00	Shimon Schuldiner (Jerusalem) “What a living fossil can tell us about evolution of structure of ion-coupled transporters”
17:00 – 17:30	Robert Tampé (Frankfurt) “Closing remarks”
17:30 - 19:00	Poster session