

GRK 1478 Program „Structure and Function of Membrane Proteins“

Thursday, November 18, 2010

12:30 – 01:45 pm Lunch

01:55 – 02:00 pm Welcome by Prof. Friedrich

02:00 – 02:30 pm Miriam Kaufenstein:
The three-layered DNA uptake machinery at the cell pole in competent *Bacillus subtilis* cells is an unusually stable complex.

02:30 – 03:00 pm Arne Gessner:
Unselective membrane transporters in *Streptomyces albus*

03:00 – 03:30 pm Renuka Kudva:
Studies of Integration of SecA dependent and independent inner membrane proteins in *E. coli*

03:30 – 04:30 pm Coffee break - walking, discussion, methods, cooperation

04:30 – 05:00 pm Despina Mikropoulou:
Determination of the role of the aminoterminal helix of SecA ATPase

05:00 – 05:30 pm Carolin Gerbeth:
Regulation of mitochondrial function by protein phosphorylation

05:30 – 06:00 pm Meeting PI's/meeting PhD's

06:00 – 06:30 pm Group meeting

06:45 pm Dinner

08:15 – 08:45 pm After Dinner Session
Susana Andrade: Ammonium Transport Proteins

Friday, November 19, 2010

- 09:00 – 09:30 am Martin Werner:
The binding mode of 1,4-naphthoquinone at the Q_A site of the reaction center from *Rhodobacter sphaeroides* investigated by light-induced FTIR difference spectroscopy
- 09:30 – 10:00 am Tobias Wacker:
Crystallization and characterization of Af-Amt-2 an ammonium transport protein from *Archaeoglobus fulgidus*
- 10:00 – 10:30 am Gregory Pawlik:
Dissecting the assembly line for cytochrome *cbb*₃ Oxidases
- 10:30 – 11:00 am Coffee break
- 11:00 – 11:30 am Udo Glessner:
Localizing the ubiquinone binding site of the *E. coli* complex I
- 11:30 – 12.00 am Julian Seidel
Structural insights into RoxA-A rubber oxygenase from *Xanthamonas* sp.
- 12:00 – 01:00 pm Lunch