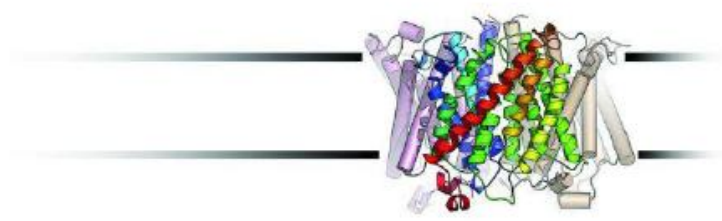
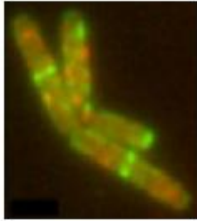


TRINATIONAL RESEARCH TRAINING GROUP "Membrane Proteins and Biological Membranes"

PhD lectures SS 2011 (round #4)

Monday, 18th July 2011

- 9:30 – 9:45 am **Markus Burger**
FRET-spectroscopy and EPR-spectroscopy on membrane bound H⁺-ATPsynthase from *E.coli*
- 9:45 – 10:00 am **Felix Dempwolff**
Heterologous expression of bacterial cytoskeletal elements in an eukaryotic host
- 10:00 – 10:15 am **Heiko Erhardt**
Studies on single subunit knockout variants of *E. coli* complex I
- 10:15 – 10:30 am **Carolin Gerbeth**
Protein Phosphorylation and Yeast Mitochondria
- 10:30– 10:45 am **Arne Gessner**
Identification of the biosynthetic gene cluster of a new 1,2-Benzoquinone metabolite from *Streptomyces diastatochromogenes* Tü6028
- 10:45 – 11:15 am *Coffee break*
- 11:15 – 11:30 am **Udo Glessner**
Kinetic Design of the respiratory oxidases
- 11:30 – 11:45 am **Angelika Harbauer**
Quantitative proteomics combined with BAC TransgeneOmics reveals in vivo protein interactions
- 11:45 – 12:00 am **Johannes Härle**
In vitro biocatalysis of a sialic acid
- 12:00 – 12:15 pm **Camila Hernandez**
Ks-Amt5 an ammonium transport protein from *c.kuenenia stuttgartiensis*
- 12:15 – 12:30 pm **Renuka Kudva**
Alternate pathways of insertion for SecA independent proteins in *E.coli*
- 12:30 – 14:30 pm *Lunch*



- 14:30 – 14:45 pm **Despina Mikropoulou**
Functional Analysis of Phosphorylation Sites in β ER-Mitochondria junctions
- 14:45 – 15:00 pm **Dirk Mossmann**
Fate of the smallest – function and regulation of the presequence-degrading protease Cym1
- 15:00 – 15:15 pm **Grzegorz Pawlik**
De Novo Designed Proteins from a Library of Artificial Sequences Function in *Escherichia Coli* and Enable Cell Growth
- 15:15 – 15:30 pm **Marius Schulte**
Inhibition of *Escherichia coli* NADH:Ubiquinone oxidoreductase (complex I) by Zn^{2+}
- 15:30 – 15:45 pm **Luise Simon**
Dynamics of the bacterial SMC complex
- 15:45 – 16:15 pm *Coffee break*
- 16:15 – 16:30 pm **Tobias Wacker**
Crystal structure of a potassium ion transporter, TrkH
- 16:30 – 16:45 pm **Meike Wenk**
Three-Dimensional Model of Salmonella's Needle Complex at Subnanomolar Resolution

Location:

Institute of biochemistry and molecular biology
Stefan-Meier-Straße 17
D-79104 Freiburg im Breisgau
Seminar room: 03006, 3rd floor