

RTG 1976 Cofactor lecture, summer term 2015

Wednesday, 11 ct. – 12, lecture hall microbiology, Hermann-Herder-Str. 11

Date	Titel	Topic / Cofactor	Speaker
22.04.	Screening assays for cofactor dependent enzymes		Jung
29.04.	Circular Dichroism in Enzymology: Chiral Small Molecules and Protein Secondary Structure		Lüdeke
06.05.	Modeling of protein-ligand interaction		Günther
13.05.	Assignment of Fe/S clusters in aldehyde oxidoreductase, a xanthine oxidase family member: Combining crystallography with EPR”	Fe/S	Andrade
20.05.	Biochemistry of quinones	Quinones	Friedrich
03.06.	Catalysis with iron dependent oxygenases	Fe	Hüttel
10.06.	Cofactor-mediated electron transfer in cellular respiration	Heme, Fe/S	Hunte
17.06.	Riboflavin - Biosynthesis, Production and Chemical Reactivity	Riboflavin	Schleicher
24.06.	Energetic coupling by flavin-based electron bifurcation	Flavin	Boll
01.07.	SAM – Jack of all Trades	SAM	Andexer
08.07.	Biogenesis of Iron-Sulfur Cluster: The Simple and the Complex	Fe/S	Einsle
15.07.	Cytochrome P450 enzymes functions beyond hydroxylations	P450	Müller
22.07.	FMN-dependent luciferas-like proteins involed in natural product biosynthesis	FMN	Bechthold