

## **Collaborations within the DK**

### R. Breinbauer

Development of small molecule inhibitors for lipases

### K. Gruber

Protein X-ray crystallography and structural bioinformatics (e.g. modeling, docking, molecular dynamics simulations)

### S.-D. Kohlwein

Localization of proteins using fluorescence microscopy

### P. Macheroux

Additional infrastructure for enzyme kinetics and calorimetry

### K. Zangger

Biomolecular NMR spectroscopy

### R. Zechner

Biochemistry and molecular biology of proteins in lipid metabolism; radiolabeled activity tests for TG hydrolase activities.

### R. Zimmermann

Biochemistry and molecular biology of proteins in lipid metabolism

### G. Daum

Structural biology of Psd1p

### G. Straganz

Crystallization of amino acid hydroxylases

## **Collaborating research groups where PhD Students could perform their research stay abroad**

### Ingrid Dreveny

Centre for Biomolecular Sciences, University of Nottingham, UK; Ongoing collaboration on monoglyceride lipases.

### Ronald Kuehnlein

Max-Planck Institute for Biophysical Chemistry, Göttingen, Germany; Leading expert in the field of lipid metabolism and the model organism. *Drosophila melanogaster*

### Tobias Madl

Technische Universität München, Munich, Germany; Expert in intrinsically disordered proteins.

Gerhard Wagner

Harvard Medical School, Boston, USA; Collaboration on high molecular weight activators of lipolysis.