

Collaborations within the DK

<u>P. Macheroux</u>

Protein sequence analysis, purification, cloning and enzyme kinetics.

<u>K. Gruber</u>

Molecular modeling, protein crystallography, enzyme structure and mechanism.

<u>K. Zangger</u>

Enzyme kinetics, protein structure in solution via NMR.

<u>W. Kroutil</u>

Development of biocatalytic methods.

<u>W. Fabian</u> (Non-DK, KFU Graz)

will assist in density functional theory calculations.

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

<u>Florian Hollfelder</u>

University of Cambridge, Department of Biochemistry, Cambridge

F. Hollfelder is a specialist on the catalytic promiscuity of hydrolases, such as phosphatases and sulfatases. (<http://www2.bio.cam.ac.uk/~fhlab/>.)

<u>Peter Leadlay</u>

University of Cambridge, Department of Biochemistry, Cambridge

P. Leadlay is a specialist in polyketide synthesis and CoA-dependent enzymes.

(<http://www.bio.cam.ac.uk/~pflgroup/>)

<u>Romas Kazlauskas</u>

University of Minnesota, Department of Biochemistry, Molecular Biology & Biophysics

R. Kazlauskas is a specialist in stereoselective enzymatic reactions, enzyme modification and redesign. (<http://www.bti.umn.edu/faculty/biokazlauskas.html>)

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Industrial partners</u>**

BASF AG, Ludwigshafen, Germany

Evonik, Hanau, Germany

DSM Vitamins, Basel, Switzerland