

Collaborations within the DK

S.-D. Kohlwein

Subcellular localization of mammalian enzymes using confocal microscopy; expression of mammalian enzymes in yeast.

M. Oberer, K. Zangger

Expression of mammalian enzymes in *E. coli*; protein/ligand interactions using NMR.

R.Zechner

Physiological and biochemical characterization of mutant mouse lines.

R.Breinbauer

Synthesis of enzyme inhibitors and lipid substrates.

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

Matthias Tschöp

Institute for Diabetes and Obesity, Helmholtz Zentrum München, Germany; Matthias Tschöp is a leading expert in the field of metabolic disease with a special focus on appetite regulation. We have an ongoing cooperation on the role of monoglyceride lipase in endocannabinoid signaling and in the development of insulin resistance.

Jarmo T. Laitinen

University of Eastern Finland, Institute of Biomedicine, Kuopio, Finland; Jarmo Laitinen is an expert in the field of endocannabinoid research. We have an ongoing cooperation on the investigation of cannabinoid receptor activity in the brain of mutant animals using functional autoradiography. This method allows the visualization of receptor activity in brain cryosections.