

Collaborations Within the DK

R. Zimmermann, M. Oberer

A very fruitful collaboration on the role of lipases in lipid droplet biology in various model organisms has been established over several years with Drs. Zimmermann, M. Oberer, and S. Kohlwein [DK Molecular Enzymology, the SFB LIPOTOX and the GEN-AU project "Genomics of Lipid-associated Disorders" (GOLD)]. The continuation of this collaboration will be essential for the success of the above mentioned research goals.

Gerald Höfler

DK-Metabolic and Cardiovascular Disease, Medical University Graz; G. Höfler is a pathologist with excellent expertise in cancer biology. The collaboration with his laboratory is crucial for our work on the role of lipolysis in cancer and cancer-associated cachexia.

Collaborating Research Groups Where PhD Students Could Perform Their Research Stay Abroad

Stephen G. Young

UCLA, Los Angeles, USA; S. Young is a world leader in the biology of lipoprotein lipase and cellular lipid uptake. A close collaboration with his laboratory exists within a LeDucq-Transatlantic Network of Excellence.

Erwin Wagner

Spanish National Cancer Research Center (CNIO), Madrid, Spain; E. Wagner is a world leader in cancer biology. His group focuses on genetic mechanisms of cancer development. His expertise has led to a recent collaboration on adipose tissue adaptation in genetic mouse models of cancer.

Saverio Cinti

University of Ancona, Italy; S. Cinti is an outstanding expert on the anatomy and morphology of mice. His expertise is required to characterize morphological changes in various adipose tissue depots. He hosted a DK student in the past (P. Kotzbeck).

Judith Fischer

University of Freiburg, Germany; J. Fischer discovered that mutations in ATGL or CGI-58 cause "Neutral Lipid Storage Disease". The collaboration with her laboratory is essential for our analysis of the role of lipolysis in skin lipid biology.

Peter Voshol and Antonio Vidal-Puig

Cambridge University, England; P. Voshol's and A. Vidal-Puig's groups are experts in mouse euglycemic-hyperinsulinemic clamp technology and support our studies on the functional role of lipase in glucose metabolism. They hosted DK one DK student in the past (R. Schreiber).