Dr. rer. nat. Christiane Körner

Postdoc - Division of Hepatology - Laboratory for Clinical and Experimental Hepatology - Leipzig University Medical Center

Role in LiSyM-Cancer

- Humane cohorts of MASLD progression
- Preclinical model of regeneration
- Data management of data base REDCap

Expertise

- Omics analysis
- Histology

Professional Experience

- Reseach project/networks:
  - Virtual Liver
  - LiSyM
  - LiSyM Cancer I/II

Degrees

- **PhD (Dr. rer. nat.)**
  Leipzig University
  11/2013 - 06/2019
  PhD thesis at laboratory of Prof. Dr. R. Gebhardt and Dr. M. Matz-Soja
  Influence of Hedgehog signaling and starvation on selected aspects of liver metabolism (summa cum laude)
- **Master of Science**: Biochemistry, area of study: Biomedicine
  Leipzig University
  Influence of Liver X Receptor on lipid metabolism and Hedgehog signaling in cultivated hepatocytes

Honors and Awards

- 01/2023, Poster Prize by GASL (German Association for the Study of the Liver)
- 01/2023, Travel Fellowship Falk Foundation e.V.
- 12/2015 – 11/2018, “Add-on Fellowship for Interdisciplinary Science” by Joachim Herz foundation
- 07/2016, Fellowship Young Scientist Program IUBMB Conference, Vancouver, Canada
- 02/2016 – 05/2016, “CASyM Research Exchange Grant”, Ljubljana University, Slovenia

Publications

2026-01-09	Modeling the dynamics of hepatic metabolism: the predominance of 12-hour rhythmicity in metabolic adaptation *Cellular and Molecular Life Sciences*
2024-12-23	Impact of Hedgehog modulators on signaling pathways in primary murine and human hepatocytes in vitro: insights into liver metabolism *Archives of Toxicology*
2024-05-04	Thy-1 restricts steatosis and liver fibrosis in steatotic liver disease *Liver International*
2024-01-12	Basal MET phosphorylation is an indicator of hepatocyte dysregulation in liver disease *Molecular Systems Biology*
2022-05-18	Hepatic Hedgehog Signaling Participates in the Crosstalk between Liver and Adipose Tissue in Mice by Regulating FGF21. *Cells*
2022-05-01	Hepatic Hedgehog Signaling Participates in the Crosstalk between Liver and Adipose Tissue in Mice by Regulating FGF21 *Cells*