LiSyM Cancer
Liver Systems Medicine against Cancer

Dr. Madlen Matz-Soja

Head of Research Group Hepatology – Clinic and Polyclinic for Oncology, Gastroenterology, Hepatology, Pneumology and Infectiology – University Hospital Leipzig

Role in LiSyM-Cancer

- Co-Project leader in SMART-NAFLD, contributes patient cohorts, samples and parameters, pre-clinical research on diet-induced steatosis, contributes molecular and cell biology research

Expertise

- Expert in the field of liver steatosis and its investigation in vivo and in vitro

Publications

2026-03-01	Hepatic management of toxic sterols after acute deletion of Cyp51 from cholesterol synthesis *Journal of Biological Chemistry*
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*
2024-01-12	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*