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<br>*Journal of Biological Chemistry* |
| 2026-01-09 | Modeling the dynamics of hepatic metabolism: the predominance of 12-hour rhythmicity in metabolic adaptation<br>*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<br>*Archives of Toxicology* |
| 2024-01-12 | Basal MET phosphorylation is an indicator of hepatocyte dysregulation in liver disease<br>*Molecular Systems Biology* |
| 2022-05-18 | Hepatic Hedgehog Signaling Participates in the Crosstalk between Liver and Adipose Tissue in Mice by Regulating FGF21.<br>*Cells* |
| 2022-05-01 | Hepatic Hedgehog Signaling Participates in the Crosstalk between Liver and Adipose Tissue in Mice by Regulating FGF21<br>*Cells* |