

Dr. rer. nat. Sherin Al Aoua



Postdoc – Department of Gastroenterology, Hepatology, Infectious Diseases and Endocrinology – Hannover Medical School (MHH)

Role in LiSyM-Cancer

- Identification of biomarkers that predict HCC development in patients with liver cirrhosis
- Supervisor: Heike Bantel

Expertise

- The role of T cells, the tumor microenvironment, and cell death in the development and progression of HCC
- Multiplex immunofluorescence, ELISAs

Professional Experience

- Research projects/networks:
 - LiSyM-Cancer
 - Sino-German Mobility Project

Degrees

- **PhD (Dr. rer. nat.)**

Hannover Medical School

PhD thesis at the Department of Gastroenterology, Hepatology, Infectious Diseases and Endocrinology:

Identification of candidate markers of hepatocarcinogenesis for the early detection of hepatocellular carcinoma development and progression (submitted)

- **Master of Science:** Animal Biology and Biomedical Sciences

University of Veterinary Medicine Hannover

Master thesis at the Institute of Biochemistry:

Effect of Rosa canina extract and Miglustat on protein trafficking and lipid profile of different phenotypes of Niemann-Pick C1 gene mutations (summa cum laude)

- **Bachelor of Science:** Biology and English

Leibniz University Hannover/Victoria University Melbourne/Hannover Medical School

Bachelor thesis at the Institute of Neurophysiology (Hannover Medical School):

Using a quantitative FRET approach to analyze interactions between cation channels and regulatory proteins (magna cum laude)

Publications

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| 2025-10-28 | Insights into the GALAD score: A new optimal cut-off for hepatocellular carcinoma
<i>World Journal of Gastroenterology</i> |
| 2024-10-22 | Rosa canina L. Methanol Extract and Its Component Rutin Reduce Cholesterol More Efficiently than Miglustat in Niemann–Pick C Fibroblasts
<i>International Journal of Molecular Sciences</i> |
| 2023-08-03 | Hepatokine-based identification of fibrotic NASH and improved risk stratification in a multicentre cohort of NAFLD patients
<i>Liver International</i> |
| 2023-07-01 | Tolerance of repeated toxic injuries of murine livers is associated with steatosis and inflammation
<i>Cell Death & Disease</i> |
| 2022-08-01 | Non-Invasive Detection of Fibrotic NASH in NAFLD Patients with Low or Intermediate FIB-4
<i>Journal of Clinical Medicine</i> |
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