Prof. Dr. Heike Bantel



Head of Translational Hepatology and Senior Physician – Department of Gastroenenterology, Hepatology, Infectious Diseases and Endocrinology – Hannover Medical School (MHH)

C-TIP-HCC Co-Coordinator

Role in LiSyM-Cancer

- Co-Coordinator and project leader in C-TIP-HCC
- Access to patient cohorts for cirrhosis with or without HCC, preclinical liver tissue cultures und WD mouse model; access to (longitudinal) sera/plasma samples and clinical data, including imaging and transient elastography reports from patients with cirrhosis with or without HCC
- Analyses of pathomechanisms and biomarkers of liver disease progression and hepatocarcinogenesis in patient-derived liver tissue and blood samples

Expertise

- Cell death mechanisms and their role in metabolic, viral or autoimmune liver diseases and hepatocellular carcinoma
- Identification of biomarkers for monitoring of liver disease progression and early detection of HCC
- Immunoassays and Akoya multiplex staining technology
- Patient-derived liver tissue and cell culture
- WD/HCC mouse model

Degrees

- 2003, Habilitation in Molecular Medicine (Institute of Molecular Medicine, University of Düsseldorf)
- 1996, Doctorate in Medicine
- 1989 – 1996, medical training, Universities of Göttingen, Tübingen and Ulm, Germany

Professional Experience

- Since 2009, W2 Professorship (Translational Hepatology) and Consultant (Oberärztin) at MHH (Department of Gastroenterology, Hepatology, Infectious Diseases and Endocrinology)
- 2009, Board Certification in Gastroenterology
- 2008, Board Certification in Internal Medicine
- Since 2002 Head of the research group “Experimental and Translational Hepatology” at MHH (Department of Gastroenterology, Hepatology, Infectious Diseases and Endocrinology)
- 2002 - 2009, Fellow in Internal Medicine (Department of Gastroenterology, Hepatology, Infectious Diseases and Endocrinology, MHH)
- 1999 - 2002, Research group leader at the University of Münster (Dept. of Immunology and Cell Biology) and at the University of Düsseldorf (Institute of Molecular Medicine)
- 1998 - 1999 ,Postdoctoral Fellow (Prof. Klaus Schulze-Osthoff, Dept. of Gastroenterology, Hepatology, and Infectious Diseases, University of Tübingen)
- 1996 - 1998, Fellow in Internal Medicine (Department of Gastroenterology, Hepatology, and Infectious Diseases, University of Tübingen)

Honors and Awards (selection)

- 2013, MTTC-Award (Medical Education Initiative on Molecular Targeted Therapy of Cancer)
- 2009, Award of the Lower Saxony Cancer Society
- 2008, Innovation Award of the German University Medicine
- 2007, Research Award from the German Society for Infectiology (DGI)
- 2007, Pro-Scientia-Award (Eckart-Buddecke-Stiftung)
- 2002, Martin Gülzow Award from the Deutsche Gesellschaft für Verdauungs- und Stoffwechselerkrankungen (DGVS)
- 2002, Young Investigator Award from the European Society of Clinical Microbiology and Infectious Diseases

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Publications

2025-10-28	Insights into the GALAD score: A new optimal cut-off for hepatocellular carcinoma *World Journal of Gastroenterology*
2023-08-03	Hepatokine-based identification of fibrotic NASH and improved risk stratification in a multicentre cohort of NAFLD patients *Liver International*
2023-07-01	Tolerance of repeated toxic injuries of murine livers is associated with steatosis and inflammation *Cell Death & Disease*
2022-08-01	Non-Invasive Detection of Fibrotic NASH in NAFLD Patients with Low or Intermediate FIB-4 *Journal of Clinical Medicine*
2021-12-14	Follistatin-controlled activin-HNF4α-coagulation factor axis in liver progenitor cells determines outcome of acute liver failure *Hepatology*
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