

Hammerich, Linda, PhD (B09)

Personal Data

Title	Dr. rer. nat.
First name	Linda
Name	Hammerich
Current position	Research Group leader, Department of Hepatology and Gastroenterology, Charité – Universitätsmedizin Berlin, Campus Charité Mitte (CCM) and Campus Virchow-Klinikum (CVK); permanent position
Current institution(s)/site(s), country	Department of Hepatology and Gastroenterology Charité – Universitätsmedizin Berlin, Campus Charité Mitte (CCM) and Campus Virchow-Klinikum (CVK), Augustenburger Platz 1, 13353 Berlin, Germany
Identifiers/ORCID	Researcher ID HNP-0894-2023, ORCID-ID: 0000-0003-0557-3927

Qualifications and Career

Stages	Periods and Details
Degree programme: Molecular Biomedicine	2004 – 2009, University of Bonn, Germany
Diploma thesis	16.07.2009: Supervisor: Christian Kurts, <i>“Role of dendritic cells in nephrotoxic nephritis”</i> , University of Bonn, Germany
Doctorate: PhD thesis	26.07.2013: Supervisor: Frank Tacke, <i>“Chemokine receptor CCR6-dependent accumulation of IL-17 producing $\gamma\delta$ T cells in injured liver restricts hepatic inflammation and fibrosis”</i> , RWTH Aachen University, Germany
Stages of academic / professional career	
Since 2019	Group Leader, Department of Hepatology and Gastroenterology, Charité – Universitätsmedizin Berlin, Campus Charité Mitte (CCM) and Campus Virchow-Klinikum (CVK), Berlin, Germany
2014 – 2019	Postdoctoral Fellow, Icahn School of Medicine at Mount Sinai, New York, NY, USA
2013 – 2014	Postdoctoral Fellow, Medical Department III, RWTH Aachen University, Aachen, Germany
2009 – 2014	PhD student, Medical Department III, RWTH Aachen University, Aachen, Germany

Scientific Results

Category A, * contributed equally, # open access

1. Wiering L, Subramanian P, **Hammerich L**. Hepatic Stellate Cells - Dictating outcome in non-alcoholic fatty liver disease. **Cell Mol Gastroenterol Hepatol** 2023; 15(6):1277-1292. doi:10.1016/j.jcmgh.2023.02.010. #

2. Svensson-Arvelund J, Cuadrado-Castano S, Pantsulaia G, Kim K, Aleynick M, **Hammerich L**, Upadhyay R, Yellin M, Marsh H, Oreper D, Jhunjhunwala S, Moussion C, Merad M, Brown BD, García-Sastre A, Brody JD. Expanding cross-presenting dendritic cells enhances oncolytic virotherapy and is critical for long-term anti-tumor immunity. **Nat Commun** 2022; 13(1):7149. doi: 10.1038/s41467-022-34791-8. #
3. Engelmann C, Habtesion A, Hassan M, Kerbert AJ, **Hammerich L**, Novelli S, Fidaleo M, Philips A, Davies N, Ferreira-Gonzalez S, Forbes SJ, Berg T, Andreola F, Jalan R. Combination of G-CSF and a TLR4 inhibitor reduce inflammation and promote regeneration in a mouse model of ACLF. **J Hepatol** 2022; 77(5):1325-1338. doi: 10.1016/j.jhep.2022.07.006. #
4. Detjen KM, Otto R, Giesecke Y, Geisler L, Riemer P, Jann H, Grötzinger C, Sers C, Pascher A, Lüdde T, Leser U, Wiedenmann B, Sigal M, Tacke F, Roderburg C*, **Hammerich L***. Elevated Flt3L Predicts Long-Term Survival in Patients with High-Grade Gastroenteropancreatic Neuroendocrine Neoplasms. **Cancers** (Basel) 2021; 13(17):4463. doi: 10.3390/cancers13174463. #
5. Lurje I, Werner W, Mohr R, Roderburg C, Tacke F, **Hammerich L**. In situ vaccination as a strategy to modulate the immune microenvironment of hepatocellular carcinoma. **Front Immunol** 2021; 12:650486. doi: 10.3389/fimmu.2021.650486. #
6. Marshall N, Hutchinson K, Marron TU, Aleynick M, **Hammerich L**, Upadhyay R, Svensson-Arvelund J, Brown BD, Merad M, Brody JD. Anti-tumor T-cell homeostatic activation is uncoupled from homeostatic inhibition by checkpoint blockade. **Cancer Discov** 2019; 9(11):1520-1537. doi: 10.1158/2159-8290.CD-19-0391. #
7. **Hammerich L**, Marron TU, Upadhyay R, Svensson-Arvelund J, Dhainaut M, Hussein S, Zhan Y, Ostrowski D, Yellin M, Marsh H, Salazar AM, Rahman AH, Brown BD, Merad M, Brody JD. Systemic clinical tumor regressions and potentiation of PD1 blockade with in situ vaccination. **Nat Med** 2019; 25(5):814-824. doi: 10.1038/s41591-019-0410-x.
8. Bangen JM, **Hammerich L**, Sonntag R, Baues M, Haas U, Lambertz D, Longerich T, Lammers T, Tacke F, Trautwein C, Liedtke C. Targeting CCl4 -induced liver fibrosis by RNA interference-mediated inhibition of cyclin E1 in mice. **Hepatology** 2017; 66(4):1242-1257. doi: 10.1002/hep.29275.
9. **Hammerich L**, Warzecha KT, Stefkova M, Bartneck M, Ohl K, Gassler N, Luedde T, Trautwein C, Tenbrock K, Tacke F. Cyclic adenosine monophosphate-responsive element modulator alpha overexpression impairs function of hepatic myeloid-derived suppressor cells and aggravates immune-mediated hepatitis in mice. **Hepatology** 2015; 61(3):990-1002. doi: 10.1002/hep.27571.
10. **Hammerich L**, Bangen JM, Govaere O, Zimmermann HW, Gassler N, Huss S, Liedtke C, Prinz I, Lira SA, Luedde T, Roskams T, Trautwein C, Heymann F, Tacke F. Chemokine receptor CCR6-dependent accumulation of $\gamma\delta$ T cells in injured liver restricts hepatic inflammation and fibrosis. **Hepatology** 2014; 59(2):630-42. doi: 10.1002/hep.26697. #

Academic Distinctions

- Poster Award, 10th German Israeli Cancer Research School (2019)
- Trainee Abstract Award Immunology, American Association of Immunologists (AAI) (2018)

- Research Fellowship, German Research Foundation (2015 – 2017)
- Best Basic Science Research Abstract, International conference on Immunotherapy Radiotherapy combinations (NYC, USA) (2017)
- Abstract Achievement Award, American Society for Hematology (ASH) (2016)
- Travel award, European Association for the study of the liver (EASL) (2012 – 2014)
- Travel award to attend European Congress Immunology (ECI), European Federation of Immunological Societies (EFIS) (2012)

Collaborators

No.	Collaboration partners	Location/Institution
1	Jochen Hampe	Dresden, Germany, Technische Universität
2	Mathias Heikenwälder	Heidelberg, Germany, DKFZ
3	Tom Lüdde	Düsseldorf, Germany, UKD Düsseldorf
4	Janin Henkel-Oberländer	Bayreuth, Germany, Universität Bayreuth
5	Robert F. Schwabe	New York, USA, Columbia University

Fields of Research

No.	Fields of research
1	205-15 Medicine/ Gastroenterology
2	201-03 Basic Research in Biology and Medicine/ Cell Biology
3	204-05 Immunology