

Hampe, Jochen, Prof., MD (A01, Z04)

Personal Data

Title	Prof. Dr. med.
First name	Jochen
Name	Hampe
Current position	Director Medical Department I; permanent position
Current institution(s)/site(s), country	Medical Department I, University Hospital Dresden and Speaker Else Kröner Fresenius Center for Digitale Health, Technische Universität Dresden (TU Dresden), Fetscherstr. 74, 01307 Dresden, Germany
Identifiers/ORCID	ORCID-ID: 0000-0002-2421-6127

Qualifications and Career

Stages	Periods and Details
Degree programme: Medicine	1989 – 1995, Charité (Humboldt-University), Berlin, Germany; DAAD scholarship for two clinical semesters, 1993 – 1994, St. Mary’s Hospital Medical School, Imperial College London, London, UK
Doctorate: MD thesis	22.04.1996: Supervisor: Peter Nürnberg, “DNA Fingerprinting for monitoring of the stability of hybridoma cell lines”, Charité (Humboldt-University), Berlin, Germany
Stages of academic / professional career	
Since 2018	Director, Medical Department I, University Hospital Dresden, Germany
2018	W3 Professor for Internal Medicine and Gastroenterology, Technische Universität Dresden, Germany
2013 – 2018	Head, Gastroenterology & Hepatology Unit, Medical Department I, University Hospital Dresden, Germany
2013	W2 Professor for Gastroenterology, Technische Universität Dresden, Germany
2007 – 2013	Consultant Gastroenterologist, University Hospital Kiel, Germany
2013	Board certification <i>Intensive Care Medicine</i>
2013	German Diabetology Certificate <i>Diabetology</i> (DDG)
2005	Board certification <i>Gastroenterology</i>
2004	Board certification <i>Internal Medicine</i>
1999 – 2013	Medical Department I, University Hospital Kiel, Germany
1998 – 1999	Postdoctoral Fellow, University of California, San Diego, CA, USA
1997 – 1998	Resident physician, Charité University Hospital, Berlin, Germany

Engagement in the Research System

- Coordinator, BMBF Systems Medicine Network “DEEP-HCC” (2021 – 2024)

- Scientific Speaker, Else Kröner Fresenius Center for Digital Health, TU Dresden (since 2019)
- Member of the Coordinating Action Systems Medicine (CASyM) for metabolic and liver disease, Coordinator Pillar I of the Liver Systems Medicine initiative (2016 – 2021)
- Member of the committee on Science and Education of the German Association of Internal Medicine (since 2015)
- Coordination BMBF Systems Biology Network Pillar I “Early metabolic injury in NASH” (2013 – 2020)
- Co-Editor Deutsche Medizinische Wochenschrift (Section Gastroenterology, DGIM - Clinical Competence) (2012 – 2016)
- Member of the Commission for Research and Promotion of Young Researchers of the German Society for Internal Medicine (2008 – 2015)

Scientific Results

Category A, * contributed equally, # open access

1. Thangapandi VR, Knittelfelder O, Brosch M, Patsenker E, Vvedenskaya O, Buch S, Hinz S, Hendricks A, Nati M, Herrmann A, Rekhade DR, Berg T, Matz-Soja M, Huse K, Klipp E, Pauling JK, Wodke JA, Miranda Ackerman J, Bonin MV, Aigner E, Datz C, von Schönfels W, Nehring S, Zeissig S, Röcken C, Dahl A, Chavakis T, Stickel F, Shevchenko A, Schafmayer C, **Hampe J***, Subramanian* P. Loss of hepatic Mboat7 leads to liver fibrosis. **Gut** 2021; 70(5):940-950. doi: 10.1136/gutjnl-2020-320853. #
2. Segovia-Miranda F, Morales-Navarrete H, Kücken M, Moser V, Seifert S, Repnik U, Rost F, Brosch M, Hendricks A, Hinz S, Röcken C, Lütjohann D, Kalaidzidis Y, Schafmayer C, Bruschi L, **Hampe J***, Zerial* M. Three-dimensional spatially resolved geometrical and functional models of human liver tissue reveal new aspects of NAFLD progression. **Nat Med** 2019; 25(12):1885-1893. doi: 10.1038/s41591-019-0660-7. #
3. Brosch M, Kattler K, Herrmann A, von Schönfels W, Nordström K, Seehofer D, Damm G, Becker T, Zeissig S, Nehring S, Reichel F, Moser V, Thangapandi RV, Stickel F, Baretton G, Röcken C, Muders M, Matz-Soja M, Krawczak M, Gasparoni G, Hartmann H, Dahl A, Schafmayer C, Walter J, **Hampe J**. Epigenomic map of human liver reveals principles of zoned morphogenic and metabolic control. **Nat Commun** 2018; 9(1):4150. doi: 10.1038/s41467-018-06611-5. #
4. Buch S, Stickel F, Trépo E, Way M, Herrmann A, Nischalke HD, Brosch M, Rosendahl J, Berg T, Ridinger M, Rietschel M, McQuillin A, Frank J, Kiefer F, Schreiber S, Lieb W, Soyka M, Semmo N, Aigner E, Datz C, Schmelz R, Brückner S, Zeissig S, Stephan AM, Wodarz N, Devière J, Clumeck N, Sarrazin C, Lammert F, Gustot T, Deltenre P, Völzke H, Lerch MM, Mayerle J, Eyer F, Schafmayer C, Cichon S, Nöthen MM, Nothnagel M, Ellinghaus D, Huse K, Franke A, Zopf S, Hellerbrand C, Moreno C, Franchimont D, Morgan MY, **Hampe J**. A genome-wide association study confirms PNPLA3 and identifies TM6SF2 and MBOAT7 as risk loci for alcohol-related cirrhosis. **Nat Genet** 2015; 47(12):1443-1448. doi: 10.1038/ng.3417. #
5. Horvath S, Erhart W, Brosch M, Ammerpohl O, von Schönfels W, Ahrens M, Heits N, Bell JT, Tsai PC, Spector TD, Deloukas P, Siebert R, Sipos B, Becker T, Röcken C, Schafmayer C, **Hampe J**. Obesity accelerates epigenetic aging of human liver. **Proc Natl Acad Sci U S A** 2014; 111(43):15538-15543. doi: 10.1073/pnas.1412759111. #

6. Ahrens M, Ammerpohl O, von Schönfels W, Kolarova J, Bens S, Itzel T, Teufel A, Herrmann A, Brosch M, Hinrichsen H, Erhart W, Egberts J, Sipos B, Schreiber S, Häslér R, Stickel F, Becker T, Krawczak M, Röcken C, Siebert R, Schafmayer C, **Hampe J**. DNA methylation analysis in nonalcoholic fatty liver disease suggests distinct disease-specific and remodeling signatures after bariatric surgery. **Cell Metab** 2013; 18(2):296-302. doi: 10.1016/j.cmet.2013.07.004. #
7. **Hampe J**, Franke A, Rosenstiel P, Till A, Teuber M, Huse K, Albrecht M, Mayr G, De La Vega FM, Briggs J, Günther S, Prescott NJ, Onnie CM, Häslér R, Sipos B, Fölsch UR, Lengauer T, Platzer M, Mathew CG, Krawczak M, Schreiber S. A genome-wide association scan of nonsynonymous SNPs identifies a susceptibility variant for Crohn disease in ATG16L1. **Nat Genet** 2007; 39(2):207-211. doi: 10.1038/ng1954.
8. Buch S, Schafmayer C, Völzke H, Becker C, Franke A, von Eller-Eberstein H, Kluck C, Bässmann I, Brosch M, Lammert F, Miquel JF, Nervi F, Wittig M, Rosскоп D, Timm B, Höll C, Seeger M, ElSharawy A, Lu T, Egberts J, Fändrich F, Fölsch UR, Krawczak M, Schreiber S, Nürnberg P, Tepel J, **Hampe J**. A genome-wide association scan identifies the hepatic cholesterol transporter ABCG8 as a susceptibility factor for human gallstone disease. **Nat Genet** 2007; 39(8):995-999. doi: 10.1038/ng2101.
9. **Hampe J**, Grebe J, Nikolaus S, Solberg C, Croucher PJ, Mascheretti S, Jahnsen J, Moum B, Klump B, Krawczak M, Mirza MM, Foelsch UR, Vatn M, Schreiber S. Association of NOD2 (CARD 15) genotype with clinical course of Crohn's disease: a cohort study. **Lancet** 2002; 359(9318):1661-1665. doi: 10.1016/s0140-6736(02)08590-2.
10. **Hampe J**, Cuthbert A, Croucher PJ, Mirza MM, Mascheretti S, Fisher S, Frenzel H, King K, Hasselmeyer A, MacPherson AJ, Bridger S, van Deventer S, Forbes A, Nikolaus S, Lennard-Jones JE, Foelsch UR, Krawczak M, Lewis C, Schreiber S, Mathew CG. Association between insertion mutation in NOD2 gene and Crohn's disease in German and British populations. **Lancet** 2001; 357(9272):1925-1928. doi: 10.1016/s0140-6736(00)05063-7.

Academic Distinctions

- Thannhauser Award, German Association of Gastroenterology (2007)
- Frerichs Award, German Association of Internal Medicine (2004)
- Ludwig-Heilmeyer Medal of the Association for Advances in Internal Medicine (2002)
- Julius Rosenbach Postdoctoral Scholarship (1997)
- DAAD Annual Scholarship for undergraduate Medical Studies in the UK (1993)

Collaborators

No.	Collaboration partners	Location/Institution
1	Thomas Berg, Madlen Matz-Soja, Daniel Seehofer	Leipzig, Germany, Universität Leipzig
2	Nikolaus Berndt, Frank Tacke	Berlin, Germany, Charité – Universitätsmedizin Berlin
3	Benedikt Brors, Ursula Klingmüller	Heidelberg, Germany, German Cancer Research Center (DKFZ)
4	Lutz Brusck	Dresden, Germany, Technische Universität
5	Steven Dooley	Mannheim, Germany, University Hospital Mannheim

6	Philipp E. Geyer	Planegg, Germany, Exact Science Proteomics GmbH
7	Klaus Kopka, Jens Pietzsch	Dresden, Germany, Helmholtz-Zentrum Dresden-Rossendorf (HZDR)
8	Marsha Y. Morgan	London, UK, University College London
9	Stefano Romeo	Gothenburg, Sweden, University of Gothenburg
10	Clemens Schafmayer	Rostock, Germany, Universität Rostock
11	Kai Simons	Dresden, Germany, Lipotype GmbH
12	Felix Stickel	Zurich, Switzerland, University of Zurich
13	Andreas Teufel	Heidelberg, Germany, University of Heidelberg
14	Jonel Trebicka	Münster, Germany, Universitätsklinikum Münster
15	Luca Valenti	Milan, Italy, University of Milan
16	Jörn Walter	Saarbrücken, Germany, University of the Saarland
17	Christoph Zechner	Dresden, Germany, Max Planck Institute of Molecular Cell Biology and Genetics