

**Univ.-Prof. Dr. rer. nat. et med. habil. Susanne Strand**

Professor of "Molecular Hepatology" (W2)  
Working group leader

I. Medical Clinic and Polyclinic  
University Medical Center of the Johannes Gutenberg University Mainz  
D-55131 Mainz, Langenbeckstr. 1, building 911  
Tel.: 06131-179782; Fax.: 06131-179963  
[sstrand@uni-mainz.de](mailto:sstrand@uni-mainz.de)  
[www.unimedizin-mainz.de/1-med/forschung/wissenschaftliche-arbeitsgruppen/ag-univ-prof-dr-susanne-strand.html](http://www.unimedizin-mainz.de/1-med/forschung/wissenschaftliche-arbeitsgruppen/ag-univ-prof-dr-susanne-strand.html)



**Academia**

- 1983-1989                      Studies of biology, University of Heidelberg
- 1990                              Diploma in biology, University of Heidelberg
- 1990-94                         German Cancer Research Center, Heidelberg, Department of biochemistry; doctorate (under Prof. Dr. F. Marks), topic: "*Effects of the phorbol ester TPA on apoptosis in lymphocytes and keratinocytes: relationship with proliferation and differentiation*"
- 1994                              PhD in biology (Dr. rer. nat.) "magna cum laude", University of Heidelberg
- 1995-1998                     Postdoc, Department of gastroenterology ((Prof. Dr. P.R. Galle), University Medicine, Heidelberg
- 2005                              Habilitation (Dr. med. habil.) in molecular medicine; topic: „*Pathogenetic relevance of CD95-mediated apoptosis in liver diseases*“; Johannes Gutenberg University Mainz

**Career**

- since 1998                     Working group leader, I. Med. Clinic and Polyclinic, University Medical Center of the Johannes Gutenberg University Mainz; project leader SFB 432, SFB 553, SFB 548, German Cancer Aid, José Carreras Leukemia-foundation
- since 2012                     W2-Professor "Molecular Hepatology", University Medical Center of the Johannes Gutenberg University Mainz

**Awards**

- 1992                              Graduate student prize, Hoechst-AG
- 2005                              Scientific prize from the Society for Neonatology and Pediatric Intensive Care

## Selected Publications

Castven D, Becker D, Czauderna C, Wilhelm D, Andersen JB, **Strand S**, Hartmann M, Heilmann-Heimbach S, Roth W, Hartmann N, Straub BK, Mahn FL, Franck S, Pereira S, Haupts A, Vogel A, Wörns MA, Weinmann A, Heinrich S, Lang H, Thorgeirsson SS, Galle PR, Marquardt JU. Application of patient-derived liver cancer cells for phenotypic characterization and therapeutic target identification. *Int J Cancer*. 2019 Jun 1;144(11):2782-2794. doi: 10.1002/ijc.32026.

Ahmed S, **Strand S**, Weinmann-Menke J, Urbansky L, Galle PR, Neumann H. Molecular Endoscopic Imaging in Cancer. *Dig Endosc*. 2018 May 30. doi: 10.1111/den.13199.

Kiweler N, Brill B, Wirth M, Breuksch I, Laguna T, Dietrich C, **Strand S**, Schneider G, Groner B, Butter F, Heinzl T, Brenner W, Krämer OH. The histone deacetylases HDAC1 and HDAC2 are required for the growth and survival of renal carcinoma cells. *Arch Toxicol*. 2018 Jul;92(7):2227-2243. doi: 10.1007/s00204-018-2229-5.

Etzold A, Galetzka D, Weis E, Bartsch O, Haaf T, Spix C, Itzel T, Schweiger S, Strand D, **Strand S\*** and Zechner U\* (2016). CAF-like state in primary skin fibroblasts with constitutional BRCA1 epimutation sheds new light on tumour suppressor deficiency-related changes in healthy tissue. *Epigenetics*, 11, 120-131, doi: 10.1080/15592294.2016.1140295 \*equal senior authorship

Marquardt JU, Fischer K, Baus K, Kashyap A, Ma S, Krupp M, Linke M, Teufel A, Zechner U, Strand D, Thorgeirsson SS, Galle PR, **Strand S**. SIRT6 dependent genetic and epigenetic alterations are associated with poor clinical outcome in HCC patients. *Hepatology*, 2013 Mar 23. doi: 10.1002/hep.26413.

Carbajo-Pescador S, Steinmetz C, Kashyap A, Lorenz S, Mauriz JL, Heise M, Galle PR, González-Gallego J, **Strand S**. Melatonin induces transcriptional regulation of Bim by FoxO3a in HepG2 cells. *Br J Cancer*. 2013 Feb 5;108(2):442-9. doi: 10.1038/bjc.2012.563.

Xia N, **Strand S**, Schluffer F, Siuda D, Reifenberg G, Kleinert H, Förstermann U, Li H. Role of SIRT1 and FOXO factors in eNOS transcriptional activation by resveratrol. *Nitric Oxide*. 2013 Aug 1;32:29-35. doi: 10.1016/j.niox.2013.04.001.

Kashyap A, Zimmermann T, Ergül N, Bosserhoff A, Hartman U, Alla V, Bataille F, Galle PR, **Strand S\*** and Strand D\* (2012). The human Lgl polarity gene, Hugel-2, induces MET and suppresses Snail tumorigenesis. *Oncogene*. 2012 May 14. doi: 10.1038/onc.2012.162. \*equal senior authorship.

Natalio F, Kashyap A, Lorenz S, Kerschbaumer H, Dietzsch M, Tahir MN, Duschner H, **Strand S**, Strand D, Tremel W. Multi-photon imaging of amine-functionalized silica nanoparticles. *Nanoscale*. 2012 Aug 7;4(15):4680-6. doi: 10.1039/c2nr30660c. Epub 2012 Jun 26.

Barreiros AP, Sprinzl M, Rosset S, Höhler T, Otto G, Theobald M, Galle PR, Strand D and **Strand S** (2009). EGF and HGF levels are increased during active HBV infection and enhance survival signaling through extracellular matrix interactions in primary human hepatocytes. *Int J Cancer*, 2009, 124, 120-129.