

Curriculum vitae Dr. med. Hans-Michael Tautenhahn**Name** Hans-Michael Tautenhahn**Work address** University Hospital Jena AöR
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07747 Jena
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E-mail: hans-michael.tautenhahn@med.uni-jena.de**Academic Education**
2007 Studies of medicine, Alma mater lipsiensis
2013 Doctorate, Purinergic modulation of the excitatory synaptic input onto rat striatal neurons
2019 Habilitation and venia legendi**Professional Career**
2007–2013 Internship surgeon, Department of Visceral, Transplantation, Thoracic and Vascular Surgery, University of Leipzig
2013 Transplantation fellowship, University of Istanbul
2013–2015 BMBF fellowship, MSC in liver regeneration
2013–2015 Consultant surgeon, University of Leipzig
2015–2016 Attending surgeon, University of Leipzig
2016– Attending surgeon, University of Jena
2016– EKFS grant, Ageing**Funding (last 5 years)****BMBF** 2013–2015 MSC in liver regeneration
Industry-related research 2009–2018 Different clinical and basic science research projects and studies
DFG 2020–2023 Experimental and clinical proof-of-concept to establish stem cell treatment of post-hepatectomy liver failure**Experience in clinical trials (last 5 years)**

| Studycode / EUDRACT Nr. | Phase | AMG* | Role | Start (Year) | End (Year) |
|--|-------|------|------------------------|--------------|------------|
| (PANTER) EUDRACT Nr: 2008-005312-41 | III | n | Sub-Investigator | 03/2012 | 07/2015 |
| CRAD001HDE13 (HEPHAISTOS) EUDRACT Nr: 2011-003118-17 | III | n | PI-Representative | 07/2012 | ongoing |
| Fast-track LiveR EUDRACT Nr: 2010-023095-31 | III | n | Principal Investigator | 08/2013 | ongoing |
| CRAD001A2433 (TRANSFORM) EUDRACT Nr: 2013-000322-66 | IV | n | PI-Representative | 07/2014 | ongoing |
| FC005 (FINISH-3b) EUDRACT Nr: 2013-000322-66 | IIIb | n | Principal Investigator | 05/2015 | 11/2015 |

Publications (max. 10 most relevant)

1. M. **Tautenhahn**, A. Leichsenring, I. Servettini, M. Pesic, B. Sperlagh, W. Nörenberg, and P. Illes. "Purinergic modulation of the excitatory synaptic input onto rat striatal neurons." In: *Neuropharma-*

cology 62.4 (2012), pp. 1756–1766. DOI: 10.1016/j.neuropharm.2011.12.001

2. A. Thelen, C. Benckert, H.-M. **Tautenhahn**, H.-M. Hau, M. Bartels, J. Linnemann, J. Bertolini, M. Moche, C. Wittekind, and S. Jonas. “Liver resection for hepatocellular carcinoma in patients without cirrhosis.” In: *The British Journal of Surgery* 100.1 (2013), pp. 130–137. DOI: 10.1002/bjs.8962
3. S. Brückner, H.-M. **Tautenhahn**, S. Winkler, P. Stock, M. Dollinger, and B. Christ. “A fat option for the pig: hepatocytic differentiated mesenchymal stem cells for translational research.” In: *Experimental Cell Research* 321.2 (2014), pp. 267–275. DOI: 10.1016/j.yexcr.2013.10.018
4. H. M. Hau, H.-M. **Tautenhahn**, M. B. Schoenberg, G. Atanasov, G. Wiltberger, M. H. Morgül, D. Uhlmann, A. T. Seitz, J. C. Simon, M. Schmelzle, and M. Bartels. “Liver resection in multimodal concepts improves survival of metastatic melanoma: a single-centre case-matched control study.” In: *Anticancer Research* 34.11 (2014), pp. 6633–6639
5. H.-M. **Tautenhahn**, S. Brückner, S. Baumann, S. Winkler, W. Otto, M. von Bergen, M. Bartels, and B. **Christ**. “Attenuation of Postoperative Acute Liver Failure by Mesenchymal Stem Cell Treatment Due to Metabolic Implications.” In: *Annals of Surgery* 263 (3 2016), pp. 546–556. DOI: 10.1097/SLA.0000000000001155
6. M. H. Morgul, S. Klunk, Z. Anastasiadou, U. Gauger, C. Dietel, A. Reutzel-Selke, P. Felgendref, H.-M. Hau, H.-M. **Tautenhahn**, R. B. Schmuck, N. Raschzok, I. M. Sauer, and M. Bartels. “Diagnosis of HCC for patients with cirrhosis using miRNA profiles of the tumor-surrounding tissue - A statistical model based on stepwise penalized logistic regression.” In: *Experimental and Molecular Pathology* 101.2 (2016), pp. 165–171. DOI: 10.1016/j.yexmp.2016.07.014
7. H.-M. **Tautenhahn**, S. Brückner, C. Uder, S. Erler, M. Hempel, M. von Bergen, J. Brach, S. Winkler, F. Pankow, C. Gittel, M. Baunack, U. Lange, J. Broschewitz, M. Dollinger, M. Bartels, U. Pietsch, K. Amann, and B. **Christ**. “Mesenchymal stem cells correct haemodynamic dysfunction associated with liver injury after extended resection in a pig model.” In: *Scientific Reports* 7 (1 2017), p. 2617. DOI: 10.1038/s41598-017-02670-8
8. T. M. Rubin, K. Heyne, A. Luchterhand, J. Bednarsch, F. W R Vondran, G. Polychronidis, M. Malinowski, A. Nikolic, H.-M. **Tautenhahn**, M. Jara, T. Wünsch, M. Stockmann, and J. Friso Lock. “Kinetic validation of the LiMAx test during 10 000 intravenous C-methacetin breath tests.” In: *Journal of Breath Research* 12.1 (2017), p. 016005. DOI: 10.1088/1752-7163/aa820b
9. C. Uder, S. Brückner, S. Winkler, H.-M. **Tautenhahn**, and B. **Christ**. “Mammalian MSC from selected species: Features and applications.” In: *Cytometry. Part A: The Journal of the International Society for Analytical Cytology* 93.1 (2018), pp. 32–49. DOI: 10.1002/cyto.a.23239
10. H.-M. **Tautenhahn**, S. Brückner, F. Rauchfuß, F. Donndorf, M. Ardelt, R. Fahrner, A. Tannapfel, and U. Settmacher. “Precancerous and early stage cancer of the bile duct system”. In: *Der Chirurg; Zeitschrift für alle Gebiete der operativen Medizin* 89.4 (2018), pp. 274–280. DOI: 10.1007/s00104-017-0553-6