Curriculum vitae Dr. med. Uta Dahmen

Name Uta Dahmen

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Academic Education	1978–1980	Medical School Hamburg: Physikum
	1980–1985	Medical School Freiburg: Medical State Exam & Licence
	1989	Doctoral degree, University of Freiburg
	2003	Habilitation & Venia Legendi in Surgery, University Duisburg-Essen
	2010	W2-Professorship Experimental Transplantation Surgery, University Hospital Jena
	2013 onwards	Master of Medical Education, University of Heidelberg
Professional Career	1985–1990	Residency General Surgery, University Hospital Hamburg-Eppendorf
	1990–1993	DFG-funded Research Fellowship, Pittsburgh Transplantation Institute; USA
	1993–1998	Residency General Surgery, Department of General Surgery,University Hospital Hamburg-Eppendorf
	1998-2010	Board Certified Surgeon, Department of General and Transplantation Surgery, University Hospital Essen
	2010 onwards	AG Experimental Transplantation Surgery, Department of General, Vascular and Visceral Surgery, University Hospital Jena

Funding (last 5 years)

BMBF Inno-Kom-Ost	2010–2015	Virtual Liver Network
	2013–2015	NIRS-Entwicklung einer neuen Methode zur intra-operativen Bestimmung der Transplantatqualität (VF130008)
Bosch-Stiftung	2013–2015	Lernwerkstatt Frührehabilitation — Neue Tools und neue Teams (32.5.1316.0008.0)
DFG	2015–2019	Influence of oxygen on hepatic steatosis and formation of reactive oxygen species (Da 251/10-1)
EKF	2017–2023	Forschungskolleg “AntiAge” (Co-applicant and Coordinating team
EKF	2018–2021	Promotionskolleg “Jena School of Ageing Medicine” (Co-applicant and Coordinating team)
Thüringer Ministerium	2019-2020	Lehrprojekt: “Video-basierte Selbstkontrolle zur Vermittlung praktischer Fertigkeiten – Entwicklung eines innovativen, webbasierten, blended learning Unterrichtsangebotes“
DFG	2018-2021	Mitverantwortliche Antragstellering bei “Organ- Dysfunktionen im Alter: Perspektiven für Junge Clinician Scientists (OrganAge)Clinician Scientist Program “OrganAge” (Coordination team)
DFG	2019-2021	Pharmakokinetik Modellierung bei steatotischen Lebern SteaPKMod (da 251/14-1)

Publications (max. 10 most relevant)

1. H. Fang, A. Liu, X. Chen, W. Cheng, O. Dirsch, and U. **Dahmen**. “The severity of LPS induced inflammatory injury is negatively associated with the functional liver mass after LPS injection in rat model”. In: *Journal of inflammation (London, England)* 15 (2018), p. 21. DOI: 10.1186/s12950-018-0197-4
2. J. Schleicher, U. **Dahmen**, R. Guthke, and S. Schuster. “Zonation of hepatic fat accumulation: insights from mathematical modelling of nutrient gradients and fatty acid uptake.” In: *Journal of the Royal Society, Interface* 14 (133 2017). DOI: 10.1098/rsif.2017.0443
3. C. Xie, L. O. **Schwen**, W. Wei, A. Schenk, S. Zafarnia, F. Gremse, and U. **Dahmen**. “Quantification of Hepatic Vascular and Parenchymal Regeneration in Mice.” In: *PloS One* 11 (8 2016), e0160581. DOI: 10.1371/journal.pone.0160581
4. L. O. **Schwen**, A. Homeyer, M. Schwier, U. **Dahmen**, O. Dirsch, A. Schenk, L. Kuepfer, T. Preusser, and A. Schenk. “Zonated quantification of steatosis in an entire mouse liver”. In: *Computers in Biology and Medicine* 73 (2016), pp. 108–118. DOI: 10.1016/j.compbiomed.2016.04.004
5. W. Wei, T. Zhang, S. Zafarnia, A. Schenk, C. Xie, C. Kan, O. Dirsch, U. Settmacher, and U. **Dahmen**. “Establishment of a rat model: Associating liver partition with portal vein ligation for staged hepatectomy.” In: *Surgery* 159 (5 2016), pp. 1299–1307. DOI: 10.1016/j.surg.2015.12.005
6. C. Sänger, A. Schenk, L. O. **Schwen**, L. Wang, F. Gremse, S. Zafarnia, F. Kiessling, C. Xie, W. Wei, B. Richter, O. Dirsch, and U. **Dahmen**. “Intrahepatic Vascular Anatomy in Rats and Mice–Variations and Surgical Implications.” In: *PloS One* 10 (11 2015), e0141798. DOI: 10.1371/journal.pone.0141798
7. A. Homeyer, A. Schenk, J. Arlt, U. **Dahmen**, O. Dirsch, and H. K. Hahn. “Fast and accurate identification of fat droplets in histological images.” In: *Computer Methods and Programs in Biomedicine* 121 (2 2015), pp. 59–65. DOI: 10.1016/j.cmpb.2015.05.009
8. H. Huang, M. Deng, H. Jin, A. Liu, U. **Dahmen**, and O. Dirsch. “Reduced Hepatic Arterial Perfusion Impairs the Recovery From Focal Hepatic Venous Outflow Obstruction in Liver-Resected Rats”. In: *Transplantation* 97.10 (2014), pp. 1009–1018. DOI: 10.1097/tp.0000000000000089
9. H. Huang, M. Deng, H. Jin, A. Liu, O. Dirsch, and U. **Dahmen**. “Hepatic Arterial Perfusion Is Essential for the Spontaneous Recovery From Focal Hepatic Venous Outflow Obstruction in Rats”. In: *American Journal of Transplantation* 11.11 (2011), pp. 2342–2352. DOI: 10.1111/j.1600-6143.2011.03682.x
10. N. Madrahimov, O. Dirsch, C. Broelsch, and U. **Dahmen**. “Marginal hepatectomy in the rat: from anatomy to surgery”. In: *Annals of Surgery* 244.1 (2006), p. 89