

# HAUSMANN, DAVID, DR. MED.

## GENERAL INFORMATION



### Resident / Postdoc

University Hospital Heidelberg, Department of Neurology  
Im Neuenheimer Feld 400  
69120 Heidelberg, Germany

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## ACADEMIC EDUCATION & QUALIFICATION

Year(s)	Education
2015 - 2022	Med School, Ruprecht-Karls-University Heidelberg, Germany

## SCIENTIFIC EDUCATION & QUALIFICATION

Year(s)	Education
Since 2023	Postdoc at the Research Group Experimental Neurooncology, DKFZ (Prof. Frank Winkler) and the Department of Neurology: Expanding our understanding of glioblastoma cell networks, clinical translation of previous results, improving patient care
2018 - 2022	Doctorate in medicine (summa cum laude) at the Research Group Experimental Neurooncology, DKFZ (Prof. Frank Winkler): Intercellular calcium communication in malignant gliomas - network characteristics, molecular mechanisms and biological relevance
2019 - 2020	Research assistant at the Surgical Clinic, Heidelberg University Hospital (Prof. Beat Müller): Planning of the MEGA study and acquisition of funding from the BMBF
2018	Research assistant at Meinig School of Biomedical Engineering, Cornell University (Prof. Chris Schaffer): Identifying the influence of occluded capillaries in neurodegenerative diseases using two-photon fluorescence microscopy

## PROFESSIONAL EXPERIENCE

Year(s)	Experience
Since 2013	Resident at the Department of Neurology, Heidelberg University Hospital

## OTHER QUALIFICATIONS/ROLES/RESPONSIBILITIES

Year(s)	
2024	Andreas Zimprich Prize
2018 - 2022	German Academic Scholarship Foundation: Funding for exceptional academic performance and voluntary work
2018 - 2019	Heinrich F.C. Behr foundation: Funding of my medical doctoral theses
2018	DAAD RISE worldwide: Funding of my research at Cornell University

## SELECTED PUBLICATIONS

**Hausmann, D.**, Hoffmann, D. C., Venkataramani, V., Jung, E., Horschitz, S., Tetzlaff, S. K., Jabali, A., Hai, L., Kessler, T., Azorin, D. D., Weil, S., Kourtesakis, A., Sievers, P., Habel, A., Breckwoldt, M. O., Karreman, M. A., Ratliff, M., Messmer, J. M., Yang, Y., . . . Winkler, F. (2023). *Autonomous rhythmic activity in glioma networks drives brain tumour growth*. *Nature*, 613(7942), 179-186. <https://doi.org/10.1038/s41586-022-05520-4>

Huppertz, M.-C., Wilhelm, J., Grenier, V., Schneider, M. W., Falt, T., Porzberg, N., **Hausmann, D.**, Hoffmann, D. C., Hai, L., Tarnawski, M., Pino, G., Slanchev, K., Kolb, I., Acuna, C., Fenk, L. M., Baier, H., Hiblot, J., & Johnsson, K. (2024). *Recording physiological history of cells with chemical labeling*. **Science**, 383(6685), 890-897. <https://doi.org/10.1126/science.adg0812>

Hai, L., Hoffmann, D. C., Wagener, R. J., Azorin, D. D., **Hausmann, D.**, Xie, R., Huppertz, M. C., Hiblot, J., Sievers, P., Heuer, S., Ito, J., Cebulla, G., Kourtesakis, A., Kaulen, L. D., Ratliff, M., Mandelbaum, H., Jung, E., Jabali, A., Horschitz, S., . . . Kessler, T. (2024). *A clinically applicable connectivity signature for glioblastoma includes the tumor network driver CHI3L1*. **Nat Commun**, 15(1), 968. <https://doi.org/10.1038/s41467-024-45067-8>

Ratliff, M., Kim, H., Qi, H., Kim, M., Ku, B., Azorin, D. D., **Hausmann, D.**, Khajuria, R. K., Patel, A., Maier, E., Cousin, L., Ogier, A., Sahm, F., Etminan, N., Bunse, L., Winkler, F., El-Khoury, V., Platten, M., & Kwon, Y. J. (2022). *Patient-Derived Tumor Organoids for Guidance of Personalized Drug Therapies in Recurrent Glioblastoma*. **Int J Mol Sci**, 23(12). <https://doi.org/10.3390/ijms23126572>