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## MOTIVATION AND SCIENTIFIC VISION

I am fascinated by the development of the human brain from the control of neurogenesis to the assembly of neural networks and this curiosity drives my basic science projects. To study human brain development with molecular and cellular tools, I collaborate across disciplines to enhance in vitro models of the human brain. My vision is that by better understanding disease mechanisms, we will ultimately prevent or cure diseases of the human brain. It is important to me to incorporate diverse perspectives into my research and I have a long history of working with clinician-scientists, scientists from the humanities as well as patient representatives.

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## CAREER

<b>Karlsruhe Institute of Technology, Karlsruhe, Germany</b> Full professor, Systemic Cellular Biology	<b>Since 2024</b>
<b>Hertie Institute for Clinical Brain Research, University of Tübingen, Germany</b> Independent Research Group Leader, Molecular Brain Development	<b>2018-2024</b>
<b>University of California, San Francisco, USA</b> Postdoctoral fellow (EMBO and DFG Fellowships) at the lab of Dr. Arnold Kriegstein, Stem Cell Center	<b>2015-2018</b>

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## EDUCATION AND TRAINING

<b>European Commission, Brussels, Belgium</b> Trainee, European Research Council Executive Agency	<b>2014-2015</b>
<b>Max Planck Institute of Experimental Medicine / Georg-August University, Göttingen, Germany</b> Doctoral Student at the Department of Prof. Dr. Nils Brose and in the International Max Planck Research School Molecular Biology, graduated with <i>summa cum laude</i>	<b>2011-2014</b>
<b>Georg-August University, Göttingen, Germany / Yale University, News Haven, USA</b> MSc in Molecular Biology within the International Max Planck Research School Molecular Biology, MSc thesis work was carried out at Yale University in the lab of Dr. Nenad Sestan, graduated with 1.1	<b>2009-2011</b>
<b>University of Cambridge, UK</b> BA (hons) / MA in Natural Sciences, graduated with First Class	<b>2006-2009</b>

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## MAJOR ACCOMPLISHMENTS

- Publications: <https://orcid.org/0000-0002-6381-2474>
- Major grants and collaborations: Chan Zuckerberg Initiative 2 Mio USD consortium funding as lead PI (2022-2026), PI in Excellence Cluster 3D Matter Made to Order (3DMM2O, since 2024)
- Eva Luise Köhler Research Prize for Rare Diseases, Eva Luise and Horst Köhler Foundation (2023)
- Organizer of diverse conferences, e.g. [NeuroConnect](#), FENS and German Neuroscience Society Symposia