

Christian Mayer

Tel. +498985782057 | christian.mayer@bi.mpg.de | <https://www.bi.mpg.de/mayer>

PERSONAL INFORMATION

Name: Dr. Christian Mayer

Orcid ID: 0000-0003-3152-5574

Google Scholar: [Click here for full publication list](#)

Date of Birth: 22.02.1981

Website: mayerlab.net

EDUCATION

Dr. rer. nat. <i>Faculty of Mathematics, Informatics, and Natural Sciences, University of Hamburg</i>	2011 Hamburg, Germany
Graduate Studies in Molecular Biology <i>ZMNH, University Medical Center Hamburg-Eppendorf</i>	2007–2009 Hamburg, Germany
Erasmus Exchange Program <i>University of Milan</i>	2004 Milan, Italy
Diplom in Biology <i>University of Konstanz</i>	2001–2006 Konstanz, Germany
Abitur <i>Gymnasium Münsingen (BW)</i>	1992–2000 Münsingen, Germany

CURRENT POSITIONS

Faculty Member <i>International Max Planck Research School for Translational Psychiatry (IMPRS-TP)</i>	2026–present Munich, Germany
SFARI Investigator <i>Simons Foundation Autism Research Initiative (SFARI)</i>	2025–present
EMBO Young Investigator <i>European Molecular Biology Organization</i>	2023–present
Max Planck Research Group Leader (Free-Floater Program) <i>MPI for Biological Intelligence (formerly Neurobiology)</i>	2018–present Munich, Germany
Faculty Member <i>Graduate School of Systemic Neurosciences</i>	2018–present Munich, Germany
Faculty Member <i>International Max Planck Research School for Brain, Behavior and Imaging (IMPRS-BI)</i>	2018–present Munich, Germany

PREVIOUS POSITIONS

Postdoctoral Researcher <i>Stanley Center for Psychiatric Research, Broad Institute of MIT and Harvard with Prof. Fishell</i>	2017–2018 Boston, USA
Guest Scientist <i>New York Genome Center with Prof. Satija</i>	2015–2018 New York City, USA
Postdoctoral Researcher <i>NYU Langone Medical Center, NYU Neuroscience Institute with Prof. Fishell</i>	2012–2017 New York City, USA
Ph.D. Program in Molecular Biology <i>Center for Molecular Neurobiology Hamburg with Prof. Boehm</i>	2007–2011 Hamburg, Germany
Zivildienst (Civilian Service) <i>Paraplegic Center, Universitäts- und Rehabilitationskliniken Ulm</i>	2000–2001 Ulm, Germany

FUNDING, DISTINCTIONS, GRANTS AND AWARDS

The Simons Foundation <i>Pilot Award</i>	2025
The Nancy Lurie Marks Family Foundation <i>Research Grant</i>	2025
Deutsche Forschungsgemeinschaft <i>Research Grant</i>	2025
EMBO Young Investigator Program <i>Award with associated funding and benefits</i>	2023
ERC Starting Grant 803984	2019
Max-Planck Research Group Leader <i>Free-Floater Program</i>	2017
EMBO Long-Term Fellowship <i>Research Grant</i>	2012
Gebhard Koch-Promotionspreis für Zellbiochemie und Neurobiologie <i>Universitätsklinikum Hamburg-Eppendorf</i>	2011

SELECTED PUBLICATIONS

- Dvoretzkova Elena, Lynch Connor, Bright Ann Rose, Babal Yigit Koray, Isaev Sergey, Kharchenko Peter, Adameyko Igor and **Mayer Christian** (2026). "Stoichiometric transcription factor partnerships specify GABAergic neuron subtype identity". In: **bioRxiv**. doi: 10.64898/2026.05.25.727662
- Dvoretzkova Elena and **Mayer Christian** (June 2026). "GABAergic neuron fate specification and lineage allocation: from development to disorder". In: **Curr Opin Genet Dev** 100, p. 102504. doi: 10.1016/j.gde.2026.102504
- Bright Ann Rose, Kotlyarenko Yana, Neuhaus Florian, Rodrigues Diana, Feng Chao, Peters Christian, Vitali Ilaria, Dönmez Elif, Myoga Michael H, Dvoretzkova Elena and **Mayer Christian** (2025). "Temporal control of progenitor competence shapes maturation in GABAergic neuron development in mice". In: **Nat Neurosci**. doi: 10.1038/s41593-025-01999-y
- Deryckere Astrid, Choudhary Saket, Lynch Connor, Limperis Lian Kirit V. P., Affatato Pauline, Woych Jamie, Gumnit Elias, Ortega Gurrola Alonso, Satija Rahul, **Mayer Christian** and Tosches Maria Antonietta (2025). "A conserved logic for the development of cortical layering in tetrapods". In: **bioRxiv**. doi: 10.1101/2025.10.01.679862
- Dvoretzkova Elena, Ho May C, Kittke Volker, Neuhaus Florian, Vitali Ilaria, Lam Daniel D, Delgado Irene, Feng Chao, Torres Miguel, Winkelmann Juliane and **Mayer Christian** (2024). "Spatial enhancer activation influences inhibitory neuron identity during mouse embryonic development". In: **Nat Neurosci**. doi: 10.1038/s41593-024-01611-9
- Adameyko Igor, Bakken Trygve, Bhaduri Aparna, Chhatbar Chintan, Filbin Mariella G, Gate David, Hochgerner Hannah, Kim Chang Nam, Krull Jordan, La Manno Gioele, Li Qingyun, Linnarsson Sten, Ma Qin, **Mayer Christian**, Menon Vilas, Nano Patricia, Prinz Marco, Quake Steve, Walsh Christopher A, Yang Jin, and et al. (2024). "Applying single-cell and single-nucleus genomics to studies of cellular heterogeneity and cell fate transitions in the nervous system". In: **Nat Neurosci**. doi: 10.1038/s41593-024-01827-9
- Del-Valle-Anton Lucia, Amin Salma, Cimino Daniela, Neuhaus Florian, Dvoretzkova Elena, Fernández Virginia, Babal Yigit K, Garcia-Frigola Cristina, Prieto-Colomina Anna, Murcia-Ramón Raquel, Nomura Yuki, Cárdenas Adrián, Feng Chao, Moreno-Bravo Juan Antonio, Götz Magdalena, **Mayer Christian** and Borrell Víctor (2024). "Multiple parallel cell lineages in the developing mammalian cerebral cortex". In: **Sci Adv** 10.13. doi: 10.1126/sciadv.adn9998
- Bandler Rachel C and **Mayer Christian** (2023). "Deciphering inhibitory neuron development: The paths to diversity". In: **Curr Opin Neurobiol**. doi: 10.1016/j.conb.2023.102691
- Bandler Rachel C, Vitali Ilaria, Delgado Ryan N, Ho May C, Dvoretzkova Elena, Ibarra Molinas Josue S, Frazel Paul W, Mohammadkhani Maesoumeh, Machold Robert, Maedler Sophia, Liddelow Shane A, Nowakowski Tomasz J, Fishell Gord and **Mayer Christian** (2022). "Single-cell delineation of lineage and genetic identity in the mouse brain". In: **Nature**. doi: 10.1038/s41586-021-04237-0

SERVICE TO THE SCIENTIFIC COMMUNITY

International Jury Member <i>PEPR Cell-ID Programme, France 2030 / ANR</i>	2026
Co-editor <i>Current Opinion in Genetics and Development</i>	2025–present
Co-organizer, Keynote Lecture Series and Emerging Scientist Series <i>MPI for Biological Intelligence</i>	2022–present Munich
Commission Member, Animal Welfare Commission <i>MPI for Biological Intelligence & MPI of Biochemistry</i>	2023–present Munich