
Gregor Franz Paul Schuhknecht

*Postdoctoral Fellow, Department of Molecular and Cellular Biology, Harvard University
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Personal Details

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| Birth | February, 27 th , 1989 in Wurzburg, Germany |
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Academic Employment History

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| 09/2019 – present | Postdoctoral Fellow , Department of Molecular and Cellular Biology, Harvard University, Laboratory of Prof. Florian Engert. |
| 07/2014 – 07/2019 | PhD Student , Institute of Neuroinformatics, ETH Zurich and University of Zurich. |
| 07/2016 – 07/2019 | Teaching Assistant , Life Science Zurich Learning Center, ETH Zurich and University of Zurich. |

Education

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| 07/2014 – 07/2019 | PhD in Neuroscience , Institute of Neuroinformatics, ETH Zurich and University of Zurich, Switzerland. Mentor: Prof. Kevan A.C. Martin. <i>“Structure and function of synapses in the first stages of processing in mouse neocortex.”</i> |
| 09/2012 – 06/2014 | MSc. in Biology (Major Neuroscience), ETH Zurich, Switzerland. |
| 07/2011 - 08/2011 | Research Internship , Department of Immunology, National University of Singapore, |
| 09/2009 – 07/2012 | BSc. in Biosciences , University of Heidelberg, Germany. Thesis at the German Cancer Research Center (DKFZ) and Center for Molecular Biology Heidelberg (ZMBH). |

Academic Prizes, Awards, Fellowships

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| 09/2019 | Early Postdoc.Mobility Fellowship , Swiss National Science Foundation. |
| 10/2018 | Travel grants of the Neuroscience Center Zurich and the Swiss Society for Neuroscience to attend the 2018 Neuroscience (SfN) meeting in San Diego, USA. |
| 06/2018 | Participation as a Young Scientist at the 68th Lindau Nobel Laureate Meeting , held in Lindau, Germany, June 24 – 29, 2018. Participation sponsored by the Boehringer Ingelheim Foundation and the Nobel Foundation. |
| 02/2018 | Prize for Best Poster in “Systems and Behavioral Neuroscience” at 2018 annual meeting of the Swiss Society for Neuroscience. |
| 06/2011 | Scholarship by German Academic Exchange Service for research project at the National University of Singapore. |

Science Outreach (selected)

- 07/2018 Invited author for ETH Zurich Ambassador Blog: 'Learning from Nobel Laureates', on my experiences during the 2018 Lindau Nobel Laureate Meeting.
<https://blogs.ethz.ch/ETHAmbassadors/2018/07/19/learning-from-nobel-laureates/>
- 06/2018 Interview with science comedian Brian Malow at the Lindau Nobel Laureate Meeting 2018.
<https://www.facebook.com/LindauNobelLaureatesMeeting/videos/10156247834535631/>
- 07/2016 – 08/2019 Assistant for the Life Science Zurich Learning Center, Switzerland: laboratory tours and presentations for senior high school students who come as regular visitors to our institute to learn about research, university life, and careers in science.

Memberships in Academic Committees

- 11/2017 – 07/2019 Representative of the middle academic staff of the Institute of Neuroinformatics in the **Committee for Integrity** of the Faculty of Sciences, University of Zurich.
- 11/2016 – 07/2019 **Elected representative of the middle academic staff** of the Institute of Neuroinformatics within the Faculty of Sciences, University of Zurich.

Supervision of Students (selected)

- 07/2018 – present **Supervision of master student** Alexandra Gastone Guilabert. "*Information transfer between pyramidal neurons is optimized by synaptic background activity and short-term plasticity.*"
- 11/2016 – 03/2017 **Supervision of master student** Moritz Buchholz. "*The distribution of short-term plasticity of pyramidal-to-pyramidal cell connections in mouse barrel cortex.*"
- 09/2015 – 07/2016 **Supervision of master student** Benjamin Ehret. "*Modeling the interplay of thalamic firing properties and short-term plasticity at the thalamocortical synapse.*"

Memberships in Scientific Societies

Society for Neuroscience (SfN) (since 01/2017), **Basel Declaration Society** (since 01/2016), **Swiss Society for Neuroscience** (since 01/2015), **Center for Neuroscience Zurich** (since 07/2014).

Further Relevant Experience

- 07/2009 – 07/2012 **American Football player** (wide-receiver and quarterback) in the highest German league.
- 07/2008 – 04/2009 **Compulsory Military Service** in the German Army as a paratrooper.