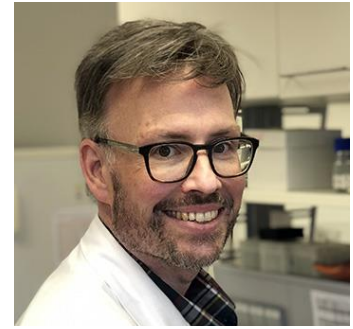


1. General Information

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Position: Research Associate



2. University Education

1995-2000 Studies in Biology (Diplom) at the Rheinischen Friedrich-Wilhelms-Universität, Bonn
Graduation grade: very good

3. Stages of academic/professional career Advanced academic qualifications

2011-2014 Research Associate in Basic Life Sciences, Stanford School of Medicine, Palo Alto, CA, USA, in the laboratory of Dr. Thomas Südhof
2008-2011 Postdoctoral Fellow, Stanford School of Medicine, Palo Alto, CA, USA, in the laboratory of Dr. Thomas Südhof
2007-2008 Postdoctoral Fellow, DFG Stipendiat, UT Southwestern, Dallas, TX, USA, in the laboratory of Dr. Thomas Südhof
11/2005 Graduation as „Dr. rer. nat.“ (PhD) at the Rheinischen Friedrich-Wilhelms-Universität, Bonn, supervisor: Prof. Dr. Klaus Willecke, grade: *magna cum laude*

Professional career

2020-present Academic Council, Anatomy and Cell Biology, Lab of Prof. Gabriela Krasteva-Christ
2016-2020 Research Associate, Anatomy and Cell Biology, Lab of Prof. Gabriela Krasteva-Christ
2014-2016 Research Associate, Anatomy and Cell Biology, Lab of Prof. Frank Schmitz
2011-2014 Research Associate in Basic Life Sciences, Stanford School of Medicine, Palo Alto, CA, USA
2007-2011 Postdoctoral Fellow, UT Southwestern, Dallas, TX, und Stanford School of Medicine, Palo Alto, CA, USA.
2001-2007 Postdoc, Institute of Genetics, Bonn University

4. Activities in the Research System

n/a

5. Academic Distinctions

2006 Best Doctoral Thesis Award by the Bonn Forum Biomedicine

6. Scientific Results

1. Maxeiner S, Krasteva-Christ G, Althaus M. Pitfalls of using sequence databases for heterologous expression studies - a technical review. *J Physiol.* 2023 May;601(9):1611-1623.
2. Maxeiner S, Benseler F, Brose N, Krasteva-Christ G. Of Humans and Gerbils- Independent Diversification of Neuroligin-4 Into X- and Y-Specific Genes in Primates and Rodents. *Front Mol Neurosci.* 2022 Mar 30;15:838262.
3. Gettings SM, Maxeiner S, Tzika M, Cobain MRD, Ruf I, Benseler F, Brose N, Krasteva-Christ G, Vande Velde G, Schönberger M, Althaus M. Two Functional Epithelial Sodium Channel

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6. Maxeiner S, Sester M, Krasteva-Christ G. Novel human sex-typing strategies based on the autism candidate gene NLGN4X and its male-specific gametologue NLGN4Y. *Biol Sex Differ.* 2019 Dec 18;10(1):62.
7. Zaffalon S, Latz A, Krasteva-Christ G, Maxeiner S. Sex identification in horses (*Equus caballus*) based on the gene pair NLGN4X/NLGN4Y. *Anim Genet.* 2019 Oct;50(5):551.
8. Trotter JH, Hao J, Maxeiner S, Tsetsenis T, Liu Z, Zhuang X, Südhof TC. Synaptic neurexin-1 assembles into dynamically regulated active zone nanoclusters. *J Cell Biol.* 2019 Aug 5;218(8):2677-2698.
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10. Rothwell PE, Fuccillo MV, Maxeiner S, Hayton SJ, Gökçe O, Lim BK, Fowler SC, Malenka RC, Südhof TC. Autism-associated neuroligin-3 mutations commonly impair striatal circuits to boost repetitive behaviors. *Cell.* 2014 Jul 3;158(1):198-212.

7. Funding (past 5 years)

2018 HOMFOR2018 (seed grant Medical Faculty, Saarland University)

2019 HOMFOR2019 (seed grant Medical Faculty, Saarland University)