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Curriculum vitae

- since 2016 Scientific Desk Officer, Neuroscience Research Center (NWFZ), Charité
- 2016 Certified Project Management Associate (IPMA Level D), indisoft GmbH, Berlin
- 2013 – 2015 Postdoctoral research fellow, German Institute of Human Nutrition Potsdam Rehbruecke (DIfE), Nuthetal
- 2013 Doctorate in natural sciences 'Functional analysis of GnRH signaling in the house mouse (*Mus musculus* LINNAEUS 1758)', supervised by Prof. Dr. Ulrich Boehm, University of Saarland School of Medicine, Homburg
- 2012 – 2013 PhD student in the laboratory of Prof. Dr. Ulrich Boehm, University of Saarland School of Medicine, Homburg
- 2008 – 2010 Postgraduate studies in Molecular Biology, University Medical Center Hamburg Eppendorf, Hamburg
- 2008 – 2012 PhD student in the laboratory of Prof. Dr. Ulrich Boehm, Center for Molecular Neurobiology (ZMNH), Hamburg
- 2006 – 2007 Postgraduate assistant, Georg August University, Goettingen
- 2000 – 2006 Studies in Biology, Georg August University, Goettingen

Activities in the scientific community, honors, awards

- 2013 Doctoral thesis with honors (*summa cum laude*), University of Saarland, Homburg

Selected publications

Schauer C*, Tong T*, Petitjean H*, Blum T, Peron S, Mai O, Schmitz F, Boehm U, Leinders-Zufall T (2015): Hypothalamic gonadotropin releasing hormone (GnRH) receptor neurons fire in synchrony with the female reproductive cycle. *Journal of Neurophysiology*, Vol. 114(2): 1008-21

Savulescu D, Feng J, Ping YS, Mai O, Boehm U, He B, O'Malley BW, Melamed P (2013): Gonadotropin releasing hormone-regulated prohibitin facilitates apoptosis to limit the size of the gonadotrope population. *Molecular Endocrinology*, Vol. 27(11): 1856-1870

Alim Z*, Hartshorn C*, Mai O*, Stitt I, Clay C, Tobet S, Boehm U (2012): Gonadotrope plasticity at cellular and population level. *Endocrinology*, Vol. 153(10): 4729-4739

Hoivik EA, Bjaneyoy TE, Mai O, Minokoshi Y, Shima Y, Morohashi K, Boehm U, Bakke M (2011): DNA methylation of intronic enhancers direct tissue specific expression of steroidogenic factor 1/adrenal 4 binding protein (SF-1/Ad4BP). *Endocrinology*, Vol. 152(5): 2100-2112

Wen S, Götze IN, Mai O, Schauer C, Leinders-Zufall T, Boehm U (2011): Genetic identification of GnRH receptor neurons: a new model for studying neural circuits underlying reproductive physiology in the mouse brain. *Endocrinology*, Vol. 152(4): 1515-1526

(* authors contributed equally)

