

Name Prof. Dr. Christian Wegener
Position Professor of Neurogenetics
Affiliation Chair Neurobiology and Genetics
Theodor-Boveri-Institute at the Biocenter
University of Würzburg
Am Hubland
97074 Würzburg
Germany
Tel: +49 6421 2823411
christian.wegener@biozentrum.uni-wuerzburg.de

born 29.03.1971
Children 2
ORCID 0000-0003-4481-3567



Professional career	since 2011	Professor of Neurogenetics (W2), Biocenter, University of Würzburg
	2008-2011	Junior research group leader, Neurobiology–Animal Physiology Philipps-University Marburg
	2003-2008	Independent Emmy Noether Junior research group leader, Neurobiology–Animal Physiology, Philipps-University Marburg
	2006-2007	EMBO short-term research fellow, University of Leeds, UK
	2000-2003	Post-Doc within an HFSP-Project, Functional Morphology, Stockholm University Swede (with Dick R. Nässel)
	1996-2000	PhD student, Institute of General Zoology and Animal Physiology, Friedrich-Schiller University Jena (with Manfred Eckert)
	1998-1999	DAAD Stipendee, Functional Morphology, Stockholm University (with Dick R. Nässel)
	1990-1996	Diploma studies in Biology, University of Konstanz and Friedrich-Schiller-University Jena (Main topics: Ecology, Zoology, Biochemistry, Microbiology)

Research Fields Neuropeptide signalling in *Drosophila* and other insects, Hormonal and circadian regulation of behaviour and physiology, Circadian regulation of neuroendocrine systems, Neurochemistry, Peptidomics and architecture of peptidergic systems in insects.
Key question: how does the small fly brain regulate and time the activity of peptidergic signalling to adapt behaviour and physiology to the environment.

Professional Activities

- since 2017: Section speaker “Behavioural Neuroscience” of the German Neuroscience society (Neurowissenschaftliche Gesellschaft)
- since 2015: Section speaker „Integrative Biology“, Graduate School of Life Sciences (GSLs) University of Würzburg
- since 2014: Academic Editor for PLOS One
- since 2014: Reviewing Editor for Frontiers in Invertebrate Physiology
- 2010-2016: Organiser of the 1st – 4th ArthropodNeuroNetwork (ANN) symposium
- since 2009: Organiser of various conference symposia

Further activities:
Ad hoc reviewer activities include: DFG and DAAD (Germany), GIF (Germany and Israel), ANR (France), FWF (Austria), FWO (Belgium), Leverhulme and Wellcome Trust (UK).
Reviewer for various journals, including PLOS Genetics, eLife, Journal of Proteome Research, Journal of Comparative Neurology, Genome Biology, European Journal of Neuroscience, Current Biology.
Member of the German Neuroscience Society (NWG), German Zoological Society (DZG), German Society for General and Applied Entomology (DGaE), Working group of Bavarian Entomologists ABE) and the German Society of Ornithologists (DO-G).

Frequent public presentations (Children's university, Unibund, Campus festival)

Awards	2006:	EMBO short-term fellowship
	2003-2008:	Emmy Noether fellowship
	2000:	Awarded best Dissertation thesis, Biological-Pharmaceutical Faculty, FSU Jena
	1996-1999:	Graduate Stipend of the federal state of Thüringen
	1998:	DAAD PhD stipendee (HSP III)
	1996:	Diploma prize, Biological-Pharmaceutical Faculty, FSU Jena

Five key publications (out of 41 peer-reviewed original articles, 4 review articles, 4 book chapters, 4 faunistic articles):

1. Selcho M, Millán C, Palacios-Muñoz A, Ruf F, Ubillo L, Chen J, Bergmann G, Ito C, Silva V, **Wegener C***, Ewer J* (2017) The PTTH neuropeptide couples central and peripheral clocks in *Drosophila*. *Nature Communications* 8: 15563.
2. Chen J, Reiher W, Hermann-Luibl C, Sellami A, Cognigni P, Kondo S, Helfrich-Förster C, Veenstra JA, **Wegener C** (2016) Allatostatin A signalling in *Drosophila* regulates feeding and sleep and is modulated by PDF. *PLOS Genetics* 12:e1006346.
3. Reiher W, Shirras C, Kahnt J, Baumeister S, Isaac RE, **Wegener C** (2011) Peptidomics and peptide hormone processing in the *Drosophila* midgut. *J Proteome Res* 10: 1881-1892.
4. **Wegener C**, Gorbashov A (2008) Molecular evolution and functional significance of neuropeptide copies: insights from comparative genomics and mass spectrometric profiling in the genus *Drosophila*. *Genome Biol* 9: R131 (19pp. + supplements).
5. **Wegener C**, Hamasaka Y, Nässel DR (2004) Acetylcholine increases intracellular Ca²⁺ via nicotinic receptors in cultured PDF-containing clock neurons in *Drosophila*. *J Neurophysiol* 91: 912-923.