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Position Professor of Neurogenetics
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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 (with Elwyn Isaac)
	2000-2003	Post-Doc within an HFSP-Project, Functional Morphology, Stockholm University Sweden (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: Circadian clocks and neuropeptide signalling in behaviour and metabolism, Brain-gut peptides and enteroendocrine gut-to-brain signalling, Peptide processing Key question: how does the small fly brain and central and peripheral clocks regulate and time the activity of neuroendocrine signalling to adapt behaviour and metabolism to changes in the environment.
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Professional Activities	Since 2023: Vice dean, Faculty of Biology at JMU
	Since 2021: Dean of the Graduate School of Life Sciences (GSLs) at JMU
	since 2022: Elected member of the steering committee of the German Zoological Society (DZG)
	since 2021: Assoc Editor "Frontiers in Physiology",
	2017-2021: Elected section speaker "Behavioural Neuroscience", Member of steering council German Neuroscience society (NWG)
	Editorial Board "Neuroforum"
	2015-2021: Section speaker „Integrative Biology“, Graduate School of Life Sciences (GSLs) University of Würzburg
	2014-2025: Academic Editor "PLOS One",
	2014-2021: Rev Editor "Frontiers in Physiology"
	2012-2017: Member steering committee CRC 1047 "Insect timing"
	2010-2016: Founding organiser of the 1 st – 4 th ArthropodNeuroNetwork (ANN) symposium
	since 2009: (Co-)Organiser of various conference symposia and conferences

-Ad hoc reviewer activities include: DFG and DAAD (Germany), GIF (Germany and Israel), ANR (France), FWF (Austria), FWO (Belgium), Leverhulme and Wellcome Trust (UK), GACR (Czech Republic), ISF (Israel).

-Ad hoc reviewer for >50 journals, including PNAS, PLOS Genetics, eLife, Neuron, J Proteome Research, Genome Biology, Eur J Neuroscience, Current Biology, Science Advances, J Biological Rhythms, Nature Commun, Nature Metabolism.
 -Guest Editor for PLOS Genetics (2019), EuPA open proteomics (2014).
 -Member: German Neuroscience Society (NWG), German Zoological Society (DZG), Society for Research on Biological Rhythms (SRBR), German Society for General and Applied Entomology (DGaE), Working group of Bavarian Entomologists (ABE), Physico-Medica Würzburg, German Society of Ornithologists (DOG).
 -Frequent public outreach (Children's university, Unibund, Campus festival, excursions)

Awards	2006:	EMBO short-term fellowship
	2005/8/10:	Teaching awards, FB Biology, Uni Marburg
	2003-2008:	Emmy Noether junior group (DFG, German Science foundation)
	2000:	Dissertation award, Biological-Pharmaceutical Faculty, FSU Jena.
	1996-1999:	Graduate Stipend of the federal state of Thüringen
	1998:	DAAD PhD stipendee (HSP III)
	1996:	Diploma award, Biological-Pharmaceutical Faculty, FSU Jena

Ten key publications (out of 57 peer-reviewed original articles, 6 review articles, 5 book chapters, #shared first authorship *shared senior authorship):

1. Cavieres-Lepe[#] J, Amini[#] E, Zabel M, Nässel DR, Stanewsky R, **Wegener*** C, Ewer* J (2024) Timed receptor tyrosine kinase signaling couples the central and a peripheral clock in *Drosophila*. *PNAS- Proceedings of the National Academy of Sciences USA* 121: e2308067121, doi: 10.1073/pnas.2308067121.
2. Hofbauer B, Zandawala M, Reinhard N, Rieger D, Werner C, Evers[#] JF, **Wegener**[#] C (2024) PDF neuropeptide signals independently of Bruchpilot-labelled active zones in daily remodelled terminals of *Drosophila* clock neurons. *European Journal of Neuroscience* 59:2665-2685. doi: 10.1111/ejn.16294.
3. Amatobi KM, Ozbek-Unal AG, Schäbler S, Deppisch P, Helfrich-Förster C, Mueller MJ, **Wegener*** C, Fekete A* (2023) The circadian clock is required for rhythmic lipid transport in *Drosophila* in interaction with diet and photic condition. *Journal of Lipid Research* 64: 100417. doi: 10.1016/j.jlr.2023.100417.
4. Pauls D, Selcho M, Raderscheidt J, Amatobi KM, Fekete A, Krischke M, Luibl-Hermann C, Ozbek-Unal AG, Ehmann N, Itskov P, Kittel RJ, Helfrich-Förster C, Kühnlein R, Müller MJ, **Wegener** C (2021) Endocrine signals fine-tune daily activity patterns in *Drosophila*. *Current Biology* 31: 4076-4087. doi: 10.1016/j.cub.2021.07.002
5. Ruf F, Mitesser O, Horn M, Rieger D, Hovestadt T, **Wegener** C (2021) Natural Zeitgeber cannot compensate for the loss of a functional circadian clock in timing of a vital behaviour in *Drosophila*. *Journal of Biological Rhythms* 36: 271-285. doi:10.1177/0748730421998112.
6. Pauls D, Hamarat Y, Trufasu L, Schendzielorz T, Kahnt J, Vanselow JT, Schlosser A, **Wegener** C (2019) *Drosophila* carboxypeptidase D (SILVER) is a key enzyme in neuropeptide processing required to maintain locomotor activity levels and survival rate. *European Journal of Neuroscience* 50: 3502-3519. doi: 10.1111/ejn.14516
7. 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. doi: 10.1038/ncomms15563
8. 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. doi: 10.1371/journal.pgen.1006346
9. Reiher W, Shirras C, Kahnt J, Baumeister S, Isaac RE, **Wegener** C (2011) Peptidomics and peptide hormone processing in the *Drosophila* midgut. *Journal of Proteome Research* 10: 1881-1892. doi: 10.1021/pr101116g.
10. **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 Biology* 9: R131. doi: 10.1186/gb-2008-9-8-r131