

## York Winter

Humboldt-Universität zu Berlin  
Department of Biology  
Philippstr. 13, Haus 4 | D-10117 Berlin  
Phone: +49 (0)30 2093 47940  
Email: york.winter@charite.de



### Curriculum vitae

since 2009	Professor (W3), Cognitive Neurobiology, Humboldt-Universität zu Berlin
2006 - 2009	Professor (W3), Cognitive Neuroscience, Faculty of Biology, University of Bielefeld
2000 - 2006	Assistant Professor, Biology Department, Munich University Group leader, junior research group "Ecological Neurobiology" (funded by Volkswagen Foundation)
1999	Habilitation, University of Erlangen
1993 - 1999	Postdoctoral position (C1), Institute of Zoology, University of Erlangen (group Prof. von Helversen)
1993	Doctoral degree (Advisor Prof. Dr. O. von Helversen), University of Erlangen (Studienstiftung des deutschen Volkes, Advisor Prof. Dr. O. von Helversen)
1987	Master of Science, University of Minnesota (Fulbright Scholarship and Studienstiftung des deutschen Volkes)

### Research fields

- Animal cognition
- Reward-based decision making
- Ecological neurobiology
- Animal models for neurology and psychiatry
- Automation technology for behavior research

### Selected publications

Ulm L, Wohlrapp D, Meinzer M, Steinicke R, Schatz A, Denzler P, Klehmet J, Dohle C, Niedeggen M, Meisel A, Winter Y. A circle-monitor for computerised assessment of visual neglect in peripersonal space. *PLoS One*. 2013;8(12):e82892.

Kononenko NL, Diril MK, Puchkov D, Kintscher M, Koo SJ, Pfuhl G, Winter Y, Wienisch M, Klingauf J, Breustedt J, Schmitz D, Maritzen T, Haucke V. Compromised fidelity of endocytic synaptic vesicle protein sorting in the absence of stonin 2. *Proceedings of the National Academy of Sciences of the United States of America*. 2013;110(6):E526-35.

Vom Berg J, Prokop S, Miller KR, Obst J, Kalin RE, Lopategui-Cabezas I, Wegner A, Mair F, Schipke CG, Peters O, Winter Y, Becher B, Heppner FL. Inhibition of IL-12/IL-23 signaling reduces Alzheimer's disease-like pathology and cognitive decline. *Nat Med*. 2012;18(12):1812-9.

Nachev V, Winter Y. The psychophysics of uneconomical choice: non-linear reward evaluation by a nectar feeder. *Anim Cogn*. 2012;15(3):393-400.

Schaefers AT, Winter Y. Rapid task acquisition of spatial-delayed alternation in an automated T-maze by mice. *Behav Brain Res.* 2011;225(1):56-62.

Schaefers AT, Grafen K, Teuchert-Noodt G, Winter Y. Synaptic remodeling in the dentate gyrus, CA3, CA1, subiculum, and entorhinal cortex of mice: effects of deprived rearing and voluntary running. *Neural Plast.* 2010;2010:870573.

Hedenstrom A, Johansson LC, Wolf M, von Busse R, Winter Y, Spedding GR. Bat flight generates complex aerodynamic tracks. *Science (New York, NY.* 2007;316(5826):894-7.

Amrein I, Dechmann DK, Winter Y, Lipp HP. Absent or low rate of adult neurogenesis in the hippocampus of bats (Chiroptera). *PLoS One.* 2007;2(5):e455.

Stich KP, Winter Y. Lack of generalization of object discrimination between spatial contexts by a bat. *J Exp Biol.* 2006;209(Pt 23):4802-8.

Winter Y, Lopez J, Von Helversen O. Ultraviolet vision in a bat. *Nature.* 2003;425(6958):612-4.