

Journalbeiträge

1. Deeg S, Gralle M, Sroka K, Bähr M, Wouters FS, Kermer P (2010) BAG1 restores formation of functional DJ-1 L166P dimers and DJ-1 chaperone activity. *J Cell Biol (Internet-Ausgabe)*, 188(4): 505-13.
2. Hu W, Zhang M, Czéh B, Flügge G, Zhang W (2010) Stress impairs GABAergic network function in the hippocampus by activating nongenomic glucocorticoid receptors and affecting the integrity of the parvalbumin-expressing neuronal network. *NEUROPSYCHOPHARMACOL*, 35(8): 1693-707.
3. Knöferle J, Ramljak S, Koch JC, Tönges L, Asif AR, Michel U, Wouters FS, Heermann S, Kriegelstein K, Zerr I, Bähr M, Lingor P (2010) TGF-beta 1 enhances neurite outgrowth via regulation of proteasome function and EFABP. *Neurobiol Dis (Internet-Ausgabe)*, 38(3): 395-404.
4. Kron M, Müller M (2010) Impaired hippocampal Ca²⁺ homeostasis and concomitant K⁺ channel dysfunction in a mouse model of Rett syndrome during anoxia. *Neuroscience (Internet-Ausgabe)*, 171(1): 300-15.
5. Latal AT, Kremer T, Gomeza J, Eulenburg V, Hülsmann S (2010) Development of synaptic inhibition in glycine transporter 2 deficient mice. *Mol Cell Neurosci (Internet-Ausgabe)*, 44(4): 342-52.
6. Manzke T, Niebert M, Koch UR, Caley A, Vogelgesang S, Hülsmann S, Ponimaskin E, Müller U, Smart TG, Harvey RJ, Richter DW (2010) Serotonin receptor 1A-modulated phosphorylation of glycine receptor 3 controls breathing in mice. *J Clin Invest (Internet-Ausgabe)*, 120(11): 4118-28.
7. Reuter J, Kron M, Dutschmann M (2010) Postnatal changes in morphology and dendritic organization of neurones located in the area of the Kölliker-Fuse nucleus of rat. *ADV EXP MED BIOL*, 669: 37-41.
8. van den Bogaart G, Holt MG, Bunt G, Riedel D, Wouters FS, Jahn R (2010) One SNARE complex is sufficient for membrane fusion. *NAT STRUCT MOL BIOL*, 17(3): 358-64.
9. Wessels JT, Yamauchi K, Hoffman RM, Wouters FS (2010) Advances in cellular, subcellular, and nanoscale imaging in vitro and in vivo. *Cytom Part A (Internet-Ausgabe)*, 77(7): 667-76.
10. Winter SM, Fresemann J, Schnell C, Oku Y, Hirrlinger J, Hülsmann S (2010) Glycinergic interneurons in the respiratory network of the rhythmic slice preparation. *ADV EXP MED BIOL*, 669: 97-100.

Buchbeiträge

1. Wouters FS, Bunt G (2010) Molecular Resolution of Cellular Biochemistry and Physiology by FRET/FILM. In: Diaspro A (Hg.) *Nanoscopy and Multidimensional Optical Fluorescence Microscopy*. CRC Press, London, 12.1 -12.25.

Medizinische Dissertationen

1. Braun C, Dr. med., Analyse transgener Mauslinien mit zelltypspezifischer Expression fluoreszenter Proteine als Modelle für akute Hirntraumata. Dissertation Universität Göttingen 2010.
2. Keil V, Dr. med., Optical Analysis of Mitochondrial Function and Heterogeneity in Cultured Hippocampal Astrocytes. Dissertation Universität Göttingen 2010.
3. Scheer M, Dr. med., Untersuchungen zur neuroprotektiven Wirkung von Kreatin und Kreatinpyruvat auf das respiratorische Netzwerk. Dissertation Universität Göttingen 2010.

Zahnmedizinische Dissertationen

1. Busche N, Dr. med. dent., Morphologische Analyse neuromuskulärer Endplatten von α -Neurexin-mutanten Mäusen. Dissertation Universität Göttingen 2010.