

Journalbeiträge

1. Grosser E, Hirt U, Janc OA, Menzfeld C, Fischer M, Kempkes B, Vogelgesang S, Manzke TU, Opitz L, Salinas-Riester G, Müller M (2012) Oxidative burden and mitochondrial dysfunction in a mouse model of Rett syndrome. *NEUROBIOL DIS*, 48(1): 102-14.
2. Kobe F, Guseva D, Jensen TP, Wirth A, Renner U, Hess D, Müller M, Medrihan L, Zhang W, Zhang M, Braun K, Westerholz S, Herzog A, Radyushkin K, El-Kordi A, Ehrenreich H, Richter DW, Rusakov DA, Ponimaskin E (2012) 5-HT7R/G12 signaling regulates neuronal morphology and function in an age-dependent manner. *J NEUROSCI*, 32(9): 2915-30.
3. Mané M, Müller M (2012) Temporo-spectral imaging of intrinsic optical signals during hypoxia-induced spreading depression-like depolarization. *PLOS ONE*, 7(8): e43981.
4. Renner U, Zeug A, Woehler A, Niebert M, Dityatev A, Dityateva G, Gorinski N, Guseva D, Abdel-Galil D, Fröhlich M, Döring F, Wischmeyer E, Richter DW, Neher E, Ponimaskin EG (2012) Heterodimerization of serotonin receptors 5-HT1A and 5-HT7 differentially regulates receptor signalling and trafficking. *J CELL SCI*, 125(Pt 10): 2486-99.
5. Schnell C, Janc OA, Kempkes B, Callis CA, Flügge G, Hülsmann S, Müller M (2012) Restraint Stress Intensifies Interstitial K(+) Accumulation during Severe Hypoxia. *Front Pharmacol*, 3: 53.
6. Schomburg ED, Steffens H, Dibaj P, Sears TA (2012) Major contribution of A α -fibres to increased reflex transmission in the feline spinal cord during acute muscle inflammation. *NEUROSCI RES*, 72(2): 155-62.
7. Steffens H, Dibaj P, Schomburg ED (2012) In vivo measurement of conduction velocities in afferent and efferent nerve fibre groups in mice. *PHYSIOL RES*, 61(2): 203-14.
8. Wouters FS, Wessels JT (2012) Cell phones go cellular--current scale-down lab-in-your-pocket applications. *CYTOM PART A*, 81(1): 9-11.

Medizinische Dissertationen

1. Fischer M, Dr. med. (2012) Erhöhte Hypoxieempfindlichkeit in Hippokampusschnitten bei einem Mausmodell des RETT-Syndroms. Dissertation Universität Göttingen.