

# Universitätsmedizin Göttingen Publikationen 2016

## Neuro- und Sinnesphysiologie

1. Basmanav Ü FB, Cau L, Tafazzoli A, Méchin M-C, Wolf S, Romano MT, Valentin F, Wiegmann H, Hucheng A, Kandil R, Garcia Bartels N, Kilic A, George S, Ralser DJ, Bergner S, Ferguson DJP, Oprisoreanu A-M, Wehner M, Thiele H, Altmüller J, Nürnberg P, Swan D, Houniet D, Büchner A, Weibel L, Wagner N, Grimalt R, Bygum A, Serre G, Blume-Peytavi U, Sprecher E, Schoch S, Oji V, Hamm H, Farrant P, Simon M, Betz RC (2016) Mutations in Three Genes Encoding Proteins Involved in Hair Shaft Formation Cause Uncombable Hair Syndrome. AM J HUM GENET, 99: 1292-1304.
2. Gazit N, Vertkin I, Shapira I, Helm M, Slomowitz E, Sheiba M, Mor Y, Rizzoli S, Slutsky I (2016) IGF-1 Receptor Differentially Regulates Spontaneous and Evoked Transmission via Mitochondria at Hippocampal Synapses. NEURON, 89: 583-597. doi: 10.1016/j.neuron.2015.12.034.
3. Gomes de Castro MA, Rammner B, Opazo F (2016) Aptamer Stainings for Super-resolution Microscopy. In: Günter Mayer (Hg.) METH MOL BIOL; Nucleic Acid Aptamers: Selection, Characterization, and Application. Humana Press/Springer Science+Business Media New York. eBook ISBN 978-1-4939-3197-2, Hardcover ISBN 978-1-4939-3196-5, Chapter 17: 197-210 (Anzahl Seiten: 14).
4. Hassouna I, Ott C, Wüstefeld L, Offen N, Neher RA, Mitkovski M, Winkler D, Sperling S, Fries L, Goebbels S, Vreja IC, Hagemeyer N, Dittrich M, Rossetti MF, Kröhnert K, Hannke K, Boretius S, Zeug A, Höschchen C, Dandekar T, Dere E, Neher E, Rizzoli SO, Nave K-A, Sirén A-L, Ehrenreich H (2016) Revisiting adult neurogenesis and the role of erythropoietin for neuronal and oligodendroglial differentiation in the hippocampus. MOL PSYCHIATRY, 21: 1752-1767. doi:10.1038/mp.2015.212.
5. Janc O, Hüser MA, Dietrich K, Kempkes B, Menzfeld C, Hülsmann S, Müller M (2016) Systemic Radical Scavenger Treatment of a Mouse Model of Rett Syndrome: Merits and Limitations of the Vitamin E Derivate Trolox. FRONT CELL NEUROSCI, 10: 266. DOI: 10.3389/fncel.2016.00266.
6. Maidorn M, Rizzoli SO, Opazo F (2016) Tools and limitations to study the molecular composition of synapses by fluorescence microscopy. BIOCHEMICAL J, 473: 3385-3399. doi: 10.1042/BCJ20160366.
7. Revelo NH, Rizzoli SO (2016) The Membrane Marker mCLING Reveals the Molecular Composition of Trafficking Organelles. CURR PROTOC NEUROSCI, 74: 2.25.1-2.25.20 doi: 10.1002/0471142301.ns0225s74. If: 2.08
8. Rizzoli SO, Tabares L (2016) Editorial: Molecular Nanomachines of the Presynaptic Terminal. FRONT SYNAPTIC NEUROSCI, 8: 27. doi: 10.3389/fnsyn.2016.00027.
9. Rizzoli SO, Tabares L (2016) Molecular Nanomachines of the Presynaptic Terminal. FRONTIERS MEDIA SA. ISBN: 978-2-88919-998-3 (Anzahl Seiten: 112).
10. Scheer M, Bischoff AM, Kružliak P, Opatrilova R, Bovell D, Büsselberg D (2016) Creatine and creatine pyruvate reduce hypoxia-induced effects on phrenic nerve activity in the juvenile mouse respiratory system. EXPERIMENTAL AND MOLECULAR PATHOLOGY, 101: 157-162.

11. *Truckenbrodt S, Rizzoli SO (2016) Spontaneous vesicle recycling in the synaptic bouton.* In: Determinants of Synaptic Information Transfer: From  $\text{Ca}^{2+}$  binding proteins to  $\text{Ca}^{2+}$  signaling domains. Edited by Philippe Isope, Christian D. Wilms, Hartmut Schmidt. Publisher: Frontiers in Cellular Neuroscience. ISBN: 978-2-88919-834-4. pp. 94-100. (Anzahl Seiten: 133).
12. *Wagener KC, Kolbrink B, Dietrich K, Kizina KM, Terwitte LS, Kempkes B, Bao G, Müller M (2016) Redox Indicator Mice Stably Expressing Genetically Encoded Neuronal roGFP: Versatile Tools To Decipher Subcellular Redox Dynamics in Neuropathophysiology.* ANTIOXID REDOX SIGNAL, 25: 41-58. DOI: 10.1089/ars.2015.6587.