

## PUBBLICAZIONI SCIENTIFICHE DAL 2006

### Articoli in extenso

1. Nieuwenhuis T., Sola E., Mapelli J., Saftenku E., Rossi P. and D'Angelo E. (2006) LTP regulates burst initiation and frequency at mossy fiber-granule cell synapses of rat cerebellum: experimental observations and theoretical predictions. **J. Neurophysiol.**, 95;686-699.
2. Rossi P., Mapelli L., Roggeri L., Gall D., de Kerchove A., Schiffmann S. N., Taglietti V. and D'Angelo E. (2006) Inhibition of constitutive inward rectifier currents in cerebellar granule cells by pharmacological and synaptic activation of GABA<sub>B</sub> receptors. **European Journal of Neuroscience**, 24; 419-432.
3. Offenhauser N., Castelletti D., Mapelli L., Ekalle Soppo B., Regondi M.C., Rossi P., D'Angelo E., Frassonni C., Amadeo A., Tocchetti A., Pozzi B., Disanza A., Guarnieri D., Betsholtz C., Scita G., Heberlein U., and Di Fiore P.P., (2006) Increased Ethanol Resistance and Consumption in Eps8 Knockout Mice Correlates with Altered Actin Dynamics. **Cell**, 127;213-226.
4. Goldfarb M., Schoorlemmer J., Williams A., Diwakar S., Wang Q., Huang X., Giza J., Tchetchik D., Kelley K., Vega A., Matthews G., Rossi P., Ornitz D.M., and D'Angelo E. (2007) Fibroblast Growth Factor Homologous Factors Control Neuronal Excitability through Modulation of Voltage-Gated Sodium Channels. **Neuron** 55; 449-463.
5. Rossi P., Marzani B., Giardina S., Negro M., and Marzatico F. Human skeletal muscle aging and oxidative system: cellular events. (2008) **Current Aging Science** 1: 182-191.
6. Roggeri L., Riviaccio B., Rossi P., and D'Angelo E. (2008) Tactile stimulation evokes long-term synaptic plasticità in the granular layer of cerebellum. **J. Neurosci.** 28:6354-9.
7. Prestori F., Rossi P., Bearzatto B., Schiffmann SN., Lainè J., Axelrad H., and D'Angelo E. (2008) Altered neuron excitability and synaptic plasticity in the cerebellar granular layer of juvenile prion protein knock-out mice with impaired motor control. **J. Neurosci.** 28:7091-7103
8. Lisa Mapelli<sup>1,3</sup>, Paola Rossi<sup>1</sup>, Thierry Nieuwenhuis<sup>2</sup>, Egidio D'Angelo<sup>1</sup> (2009) Tonic activation of GABA-B receptors reduces release probability at inhibitory connections in the cerebellar glomerulus. **J. Neurosci.** 101:3089-3099.
9. Andrescu CE., Pretori F., Brandalize F., D'Errico A., De Jeu MTG, Rossi P., Botta L., Kohr G., Perin P., D'Angelo E and De Zeeuw CI. (2011) NR2A subunit of the N-methyl d-aspartate receptors are required for potentiation at the mossy fiber to granule cell synapse and vestibulo-cerebellar motor learning. **Neuroscience** 176:274-83.
10. Corno D., Pala M., Cominelli M., Cipelletti B., Leto K., Croci L., Barili V., Brandalise F., Melzi R., Di Gregorio A., Sergi L., Politi L.S., Piemonti L., Bulfone A., Rossi P., Rossi F, Consalez G.G., Poliani P.L., and Galli R. (2012) Gene signatures associated with mouse postnatal hindbrain

neural stem cells and medulloblastoma cancer stem cells identify novel molecular mediators and predict human MB molecular classification. **Cancer Discovery** 2:554-68.

11. Brandalise F., Gerber U., and Paola Rossi. (2012) Golgi cell-mediated activation of postsynaptic GABAB receptors induces disinhibition of the Golgi cell-granule cell synapse in rat cerebellum. **PLoS One** 8:1-11.

12. Cassinelli L.M., Sommaruga D., Tirelli A.S., P. Rossi and L. Vigna. (2012). La vitamina D come fattore di rischio modificabile in relazione a sovrappeso e obesità. **Progress in Nutrition** 14: 115-126.

13. P. Rossi, D. Buonocore, E. Altobelli, F. Brandalise, V. Cesaroni, D. Iozzi, E. Savino, F. Marzatico. (2014) Improving training condition assessment in endurance cyclists: effects of *Ganoderma lucidum* and *Ophiocordyceps sinensis* dietary supplementation. **Evidence-Based Complementary and Alternative Medicine** 2014:1-11.

14. Gazzola A., Brandalise F., Rubolini D., Rossi P., and Galeotti P. Fear is the mother of invention: anuran embryos exposed to predator cues alter life-history traits, post-hatching behaviour, and neuronal activity patterns. (2015) **The Journal Experimental Biology** 218:3919-30.

15. Rossi P, and Cesaroni V. Role of 17 $\beta$ -estradiol in learning and memory. (2015) **Journal of Women's Health Care** 4:1-7.

16 . Brandalise F, Lujan R, Leone R, Lodola F, Cesaroni V, Romano C, Gerber U, Rossi P. Distinct expression patterns of inwardly rectifying potassium currents in developing cerebellar granule cells of the hemispheres and the vermis. (2016) **Eur J Neurosci**. 43:1460-73.