

Radovi pristigli na Natječaj za dodjelu nagrade Branimir Jernej za 2015. godinu (abecednim redom prema predloženom autoru)

1. Mirjana Babić Leko, Fran Borovečki, Nenad Dejanović, Patrick R. Hof, Goran Šimić: Predictive value of cerebrospinal fluid visinin-like protein-1 levels for Alzheimer's disease early detection and differential diagnosis in patients with mild cognitive impairment. *J Alzheimers disease* 50 (2015) [Epub ahead of print] .

2. Isidoro Feliciello, Ivana Akrap, Đurđica Ugarković: Satellite DNA modulates gene expression in the beetle *Tribolium castaneum* after heat stress. *PLoS Genet.*, 2015 Aug 14;11(8):e1005466.

3. Marijan Klarica, Tomislav Jukić, Branko Miše, Nenad Kudelić, Milan Radoš, Darko Orešković: Experimental Spinal Stenosis in Cats: New insight in mechanisms of hydrocephalus development. *Brain Pathol.* 2015 Nov 9. doi: 10.1111/bpa.12337.

4. Petar Ozretić, Alessandra Bisio, Vesna Musani, Diana Trnski, Maja Sabol, Sonja Levanat, and Alberto Inga: Regulation of human PTCH1b expression by different 5' untranslated region cis-regulatory elements. *RNA Biol.*, 12 (2015) 290-304.

5. Maja Rogić Vidaković, Marina Zmajević Schonwald, Krešimir Rotim, Tomislav Jurić, Zoran Vulević, Robert Tafra, Adriana Banožić, Željko Hamata, Zoran Dogaš: Excitability of contralateral and ipsilateral projections of corticobulbar pathways recorded as corticobulbar motor evoked potentials of the cricothyroid muscles. *Clinical Neurophysiology* 126 (2015) 1570–1577.

6. Dubravka Svob Strac, Gordana Nedic Erjavec, Matea Nikolac Perkovic, Korona Nenadic Svinglin, Fran Borovecki, Nela Pivac: Association of GABAA receptor $\alpha 2$ subunit gene (GABRA2) with alcohol dependence-related aggressive behavior. *Prog. Neuropsychopharmacol. Biol. Psychiatry*, 63 (2015) 119-125.

7. **Martin Sebastijan Šestak** and Tomislav Domazet-Lošo: Phylostratigraphic profiles in Zebrafish uncover chordate origins of the vertebrate brain. *Mol. Biol. Evol.*, 32 (2015) 299–312.

8. **Diana Trnski**, Maja Sabol, Ante Gojević, Marina Martinić, Petar Ozretić, Vesna Musani, Snježana Ramić, Sonja Levanat: GSK3 β and Gli3 play a role in activation of Hedgehog-Gli pathway in human colon cancer - Targeting GSK3 β downregulates the signaling pathway and reduces cell proliferation. *Biochim. Biophys. Acta. (Molecular Basis of Disease)*, 1852 (2015) 2574–2584.

9. Matic Pavlin, Matej Repič, **Robert Vianello**, Janez Mavri: The chemistry of neurodegeneration: kinetic data and their implications. *Mol Neurobiol.* Jun 18. [Epub ahead of print] *Mol Neurobiol* DOI 10.1007/s12035-015-9284-1.

10. **Mislav Stjepan Žebec**, Andreas Demetriou, Marina Kotrla-Topić: Changing expressions of general intelligence in development: A 2-wave longitudinal study from 7 to 18 years of age. *Intelligence* 49 (2015) 94–109.