



LIST OF PUBLICATIONS

Original research articles (total impact factor: 359.215, H-index: 25)

1. Barna J, Dimén D, Puska G, Kovács D, Csikós V, Oláh S, Udvari EB, Pál G, **Dobolyi A** (2019) Complement component 1q subcomponent binding protein in the brain of the rat. *Scientific Reports.* 9:4597. doi: 10.1038/s41598-019-40788-z.
2. **Dobolyi A**, Lékó AH. (2019) The insulin-like growth factor-1 system in the adult mammalian brain and its implications in central maternal adaptations. *Front Neuroendocrinol.* 52:181-194. doi: 10.1016/j.yfrne.2018.12.002.
3. Udvari EB, Völgyi K, Kékesi AK, Simon D, Hunyadi-Gulyás E, **Dobolyi A** (2019) Proteomic analysis of the maternal preoptic area in rats. *Neurochem Res.* doi: 10.1007/s11064-019-02755-y.
4. Chinopoulos C, Batzios S, van den Heuvel LP, Rodenburg R, Smeets R, Waterham HR, Turkenburg M, Ruiter JP, Wanders RJA, Doczi J, Horvath G, **Dobolyi A**, Vargiami E, Wevers RA, Zafeiriou D. (2019) Mutated SUCLG1 causes mislocation of SUCLG2 protein, morphological alterations of mitochondria and an early-onset severe neurometabolic disorder. *Mol Genet Metab.* 126:43-52. doi: 10.1016/j.ymgme.2018.11.009.
5. Abraham D, Feher J, Scuderi GL, Szabo D, **Dobolyi A**, Cservenak M, Juhasz J, Ligeti B, Pongor S, Gomez-Cabrera MC, Vina J, Higuchi M, Suzuki K, Boldogh I, Radak Z (2019) Exercise and probiotics attenuate the development of Alzheimer's disease in transgenic mice: Role of microbiome. *Exp Gerontol.* 115:122-131. doi: 10.1016/j.exger.2018.12.005.
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9. Gerecsei LI, Csillag A, Zachar G, Gévai L, Simon L, Dobolyi Á, Ádám Á. (2018) Gestational exposure of the synthetic cathinone methylenedioxypyrovalone results in reduced maternal care and behavioral alterations in mouse pups. *Front Neurosci.* 12:27. doi: 10.3389/fnins.2018.00027.
10. Völgyi K, Gulyássy P, Todorov MI, Puska G, Badics K, Hlatky D, Kékesi KA, Nyitrai G, Czurkó A, Drahos L, Dobolyi A. (2018) Chronic cerebral hypoperfusion induced synaptic proteome changes in the rat cerebral cortex. *Mol Neurobiol.* 55:4253-4266. doi: 10.1007/s12035-017-0641-0.
11. Lakatos RK, Dobolyi Á, Kovács Z. (2018) Uric acid and allopurinol aggravate absence epileptic activity in Wistar Albino Glaxo Rijswijk rats. *Brain Res.* 1686:1-9. doi: 10.1016/j.brainres.2018.02.012.
12. Barna J, Renner E, Arszovszki A, Cservenák M, Kovács Z, Palkovits M, Dobolyi A. (2018) Suckling induced activation pattern in the brain of rat pups. *Nutr Neurosci.* 21:317-327. doi: 10.1080/1028415X.2017.1286446.
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15. Cservenák M, Keller D, Kis V, Fazekas EA, Öllös H, Lékó A, Szabó ÉR, Renner É, Usdin TB, Palkovits M, Dobolyi A. (2017) A thalamo-hypothalamic pathway that activates oxytocin neurons in social contexts in female rats. *Endocrinology.* 158:335-348. doi: 10.1210/en.2016-1645.
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21. Gellén B, Völgyi K, Györffy BA, Balogh B, Darula Z, Éva HG, Baracskay P, Czurkó A, Hernádi I, Juhász G, **Dobolyi A.**, Kékesi KA. (2017) Proteomic investigation of the prefrontal cortex in the rat clomipramine model of depression. *J Proteomics*. 153:53-64. doi: 10.1016/j.jprot.2016.06.027.
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