

LIST OF THE PUBLICATIONS
from studies by using human brain samples from the
Human Brain Tissue Bank and Laboratory, Semmelweis University

2024

- Sepp M, Leiss K, Murat F, Okonechnikov K, Joshi P, Leushkin E, Spänig L, Mbengue N, Schneider C, Schmidt J, Trost N, Schauer M, Khaitovich P, Lisgo S, **Palkovits M**, Giere P, Kutscher LM, Anders S, Cardoso-Moreira M, Sarropoulos I, Pfister SM & Kaessmann H (2024) Cellular development and evolution of the mammalian cerebellum, *Nature* **625**: 788-796, doi: 10.1038/s41586-023-06884-x
- Barde S, Aguila J, Zhong W, Solarz A, Mei I, Prud'homme J, **Palkovits M**, Turecki G, Mulder J, Uhlén M, Nagy C, Mechawar N, Hedlund E & Hökfelt T (2024) Substance P, NPY, CCK and their receptors in five brain regions in major depressive disorder with transcriptomic analysis of locus coeruleus neurons, *Eur Neuropsychopharmacol* **78**: 54-63, doi: 10.1016/j.euroneuro.2023.09.004

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- Borbély É, Kecskés A, Kun J, Kepe E, Fülöp B, Kovács-Rozmer K, Scheich B, **Renner É**, **Palkovits M** & Helyes Z (2023) Hemokinin-1 is a mediator of chronic restraint stress-induced pain, *Sci Rep* **13**: 20030, doi: 10.1038/s41598-023-46402-7
- Samardžija B, Juković M, Zaharija B, **Renner É**, **Palkovits M** & Bradshaw NJ (2023) Co-aggregation and parallel aggregation of specific proteins in major mental illness, *Cells* **12**: 1848 (16 pages), doi: 10.3390/cells12141848
- Vas S, **Papp RS**, Könczöl K, Bogáthy E, Papp N, Ádori C, Durst M, Sípos K, Ocskay K, Farkas I, Bálint F, Ferenci S, Török B, Kovács A, Szabó E, Zelena D, Kovács KJ, Földes A, Kató E, Köles L, Bagdy G, **Palkovits M** & Tóth ZE (2023) Prolactin-releasing peptide contributes to stress-related mood disorders and inhibits sleep/mood regulatory melanin-concentrating hormone neurons in rats, *J Neurosci* **43**: 846-862

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- Renner É**, **Dóra F**, Oszwald E, Dobolyi Á & **Palkovits M** (2022) Elevated glucagon-like peptide-1 receptor level in the paraventricular hypothalamic nucleus of type 2 diabetes mellitus patients, *Int J Mol Sci* **23**: 15945 (15 pages), doi: 10.3390/ijms232415945
- Toomey CE, Heywood WE, Evans JR, Lachica J, Pressey SN, Foti SC, Al Shahrani M, D'Sa K, Hargreaves IP, Heales S, Orford M, Troakes C, Attems J, Gelpi E, **Palkovits M**, Lashley T, Gentleman SM, Revesz T, Mills K & Gandhi S (2022) Mitochondrial dysfunction is a key pathological driver of early stage Parkinson's, *Acta Neuropathol Commun* **10**: 134 (25 pages), doi: 10.1186/s40478-022-01424-6

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