

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

2024

- Odagaki Y, Kinoshita M, **Palkovits M**, Borroto-Escuela DO & Fuxe K (2024) Potential differences in receptor-mediated G-protein activation in postmortem human hippocampal membranes prepared from healthy controls and suicide victims, *Neuropsychopharmacol Rep* **44**: 762-773
- Dóra F**, Hajdu T, **Renner É**, Paál K, **Alpár A**, **Palkovits M**, Chinopoulos C & Dobolyi A (2024) Reverse phase protein array-based investigation of mitochondrial genes reveals alteration of glutaminolysis in the parahippocampal cortex of people who died by suicide, *Transl Psychiatry* **14**: 479 (14 pages), doi: 10.1038/s41398-024-03137-x
- Dobolyi A, Cservenák M, Bagó AG, Chen C, Stepanova A, Paal K, Lee J, **Palkovits M**, Hudson G & Chinopoulos C (2024) Cell-specific expression of key mitochondrial enzymes limits OXPHOS in astrocytes of the adult human neocortex and hippocampal formation, *Commun Biol* **7**: 1045 (11 pages), doi:10.1038/s42003-024-06751-z
- 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
- 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

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- 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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- Kovács T, Szinyákovics J, Billes V, Murányi G, Varga VB, Bjelik A, Légrádi Á, Szabó M, Sándor S, Kubinyi E, Szekeres-Paracky C, Szocsics P, Lőke J, Mulder J, Gulyás B, **Renner É**, **Palkovits M**, Gulya K, Maglóczky Z & Vellai T (2022) A conserved MTMR lipid

phosphatase increasingly suppresses autophagy in brain neurons during aging, *Sci Rep* **12**: 21817 (18 pages), doi: 10.1038/s41598-022-24843-w

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HBTB IN ACKNOWLEDGEMENTS

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