

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

**2 0 2 6**

- Samardžija B, **Renner É, Palkovits M** & Bradshaw NJ (2026) Levels of aggregation of proteins related to mental illness, assayed by insolubility, vary across the brains of individuals. *Sci Rep* 2026 Feb 11. doi:10.1038/s41598-026-35767-0. Epub ahead of print. PMID: 41673042
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- 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
- Fazekas CL, Török B, Correia P, Chaves T, Bellardie M, Sipos E, Horváth HR, Gaszner B, **Dóra F**, Dobolyi Á & Zelena D (2024) The role of vesicular glutamate transporter type 3 in social

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