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# Publikační činnost

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Pohled do databáze evidence [publikační činnosti v systému OBD](#).

Ve výpisu jsou záznamy publikací s afiliací k 3. LF UK

## Přehled stěžejních recentních publikací

- Lana D, Branca JJV, Delfino G, Giovannini MG, Casamenti F, Nardiello P, Bucciantini M, Stefani M, Zach P, Zecchi-Orlandini S, Nosi D. Morphofunctional Investigation in a Transgenic Mouse Model of Alzheimer's Disease: Non-Reactive Astrocytes Are Involved in A $\beta$  Load and Reactive Astrocytes in Plaque Build-Up. *Cells*. 2023 Sep 12;12(18):2258. doi: 10.3390/cells12182258.
- Wurst Z, Birčák Kuchtová B, Křemen J, Lahutsina A, Ibrahim I, Tintěra J, Bartoš A, Brabec M, Rai T, Zach P, Musil V, Olympiou N, Mrzilková J. Basal Ganglia Compensatory White Matter Changes on DTI in Alzheimer's Disease. *Cells*. 2023 Apr 23;12(9):1220. doi: 10.3390/cells12091220.
- Lahutsina A, Spaniel F, Mrzilkova J, Morozova A, Brabec M, Musil V, Zach P. Morphology of Anterior Cingulate Cortex and Its Relation to Schizophrenia. *J Clin Med*. 2022 Dec 21;12(1):33. doi: 10.3390/jcm12010033.
- Řasová K, Bučková B, Prokopiusová T, Procházková M, Angel G, Marková M, Hrušková N, Štětkařová I, Špaňhelová Š, Mareš J, Tintěra J, Zach P, Musil V, Hlinka J. A Three-Arm Parallel-group Exploratory Trial documents balance improvement without much evidence of white matter integrity changes in people with multiple sclerosis following two months ambulatory neuroproprioceptive "facilitation and inhibition" physical therapy. *Eur J Phys Rehabil Med*. 2021 Dec;57(6):889-899. doi: 10.23736/S1973-9087.21.06701-0.
- Frydlová P, Mrzilková J, Šeremeta M, Křemen J, Dudák J, Žemlička J, Minnich B, Kverková K, Němec P, Zach P, Frynta D. Determinate growth is predominant and likely ancestral in squamate reptiles. *Proc Biol Sci*. 2020 Dec 23;287(1941):20202737. doi: 10.1098/rspb.2020.2737.
- Sol D, Olkowicz S, Sayol F, Kocourek M, Zhang Y, Marhounová L, Osadnik C, Corssmit E, Garcia-Porta J, Martin TE, Lefebvre L, Němec P. Neuron numbers link innovativeness with both absolute and relative brain size in birds. *Nat Ecol Evol*. 2022 Sep;6(9):1381-1389. doi: 10.1038/s41559-022-01815-x.