PETRONELA SUŠIENKOVÁ, MA

Personal information:

Foreign languages: English
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Professional curriculum vitae:

Education

2022 - present PhD, Institute of Molecular Biomedicine, Faculty of Medicine, Comenius University, Bratislava, Slovakia
Dissertation thesis: The Impact of Steroid Hormones on Social Behavior

2020 – 2022 MA, Psychology, Faculty of Arts, Comenius University, Bratislava, Slovakia

2017 – 2020 BA, Psychology, Faculty of Arts, Comenius University, Bratislava, Slovakia

Employment

10/2019 – 12/2020 Assistant for individuals with autism spectrum disorder, DSS Andreas n.o., Bratislava, Slovakia

Internships

03/2026 – 07/2026 FinnBrain Cohort Study, University of Turku, Finland

04/2022 – 06/2022 Academic Research Center for Autism, Bratislava, Slovakia

03/2021 – 09/2021 Research Institute of Child Psychology and Pathopsychology, Bratislava, Slovakia

Conferences and workshops

2026 13th International Meeting on Steroids and the Nervous System, Italy
2026 101st Physiological Days, Czech Republic
2025 9th Slovak Neuropsychiatric Congress, Slovakia
2025 100th Physiological Days, Czech Republic
2025 Czech Neuroscience, Czech Republic
2024 12th International Meeting on Steroids and the Nervous System, Italy
2024 99th Physiological Days, Slovakia
2024 COST Teatime Scientific Meeting for Young Researchers, Estonia
2023 COST Teatime Advanced Training School on Home-Cage Monitoring, Portugal
2023 8th Slovak Neuropsychiatric Congress, Slovakia
2023 98th Physiological Days, Czech Republic

Publication record

Publications according to WoS: 3, citations: 3, h-index: 1

Publications

Sušienková, P., Szabó, J., Filo, J., Borbélyová, V., Ostatníková, D., Celec, P., & Renczés, E. (2026). Neonatal testosterone exposure modulates exploration and object avoidance without exacerbating autism-like behavior in Shank3b-deficient mice. *Hormones and Behavior*, *181*, 105935. doi: 10.1016/j.yhbeh.2026.105935

Feješ, A., Sušienková, P., Mihalovičová, L., Kunšteková, V., Gurecká, R., Borbélyová, V., ... & Šebeková, K. (2025). Cafeteria and Fast-Food Diets Induce Neuroinflammation, Social Deficits, but a Different Cardiometabolic Phenotype. *Nutrients*, *17*(22), 3614. doi: 10.3390/nu17223614

Borbélyová, V., Szabó, J., Sušienková, P., Potvin, J., Belvončíková, P., Groß, T., ... & Tomova, A. (2025). The effect of parental faecal microbiome transplantation from children with autism spectrum disorder on behavior and gastrointestinal manifestations in the male offspring of Shank3 mice. *International Journal of Molecular Sciences*, *26*(13), 5927. doi: 10.3390/ijms26135927

Grants as Principal Investigator

UK/1131/2025 The Effect of Sex Hormone Modulation on Social Behavior in Mice

UK/1091/2024 The Influence of Endocrine Factors on the Behavior of Female Mice with a Genetic Predisposition to Autism Spectrum Disorders