

PROFILE FOR INSTITUTE WEBSITE

Current photo in graphic file e.g. 2024, 2023.	
Name and surname, Title	Grzegorz Juszczak PhD
Position	Assistant professor
Hirsch Index and Number of citations (according to Scopus) on the day of completing the form	<i>h</i> -index = 19 / 1017 citations
Research areas (in points, min. 200 characters, max. 500 characters)	– Mechanisms of response to stress with special emphasis on the role of glucocorticoid hormones and transcriptomic changes in the brain.
Total number of completed research projects; currently implemented research projects (title and number) and selected max. 3 completed projects (title and number) from the newest ones, i.e. 2024, 2023, 2022...	– 2 – Effect of prolonged treatment with corticosterone on brain transcriptome in laboratory mice, 2017/27/B/NZ2/02796, 2018-07-31 - 2023-01-30 – Effect of chronic stress on brain transcriptome in mice, Nr N N311 604938, 2010-04-28 - 2013-04-28
Total number of publications; ORCID (number and hyperlink to the profile); SCOPUS (number and hyperlink to the profile); indicate selected publications (max. 5)	– 33 papers – Orcid: 0000-0002-0976-6905 / https://orcid.org/0000-0002-0976-6905 – Scopus: 15127162100 / https://www.scopus.com/authid/detail.uri?authorId=15127162100 – Jaszczyk A, Stankiewicz AM, Goscik J, Majewska A, Jezierski T, Juszczak GR. Overnight Corticosterone and Gene Expression in Mouse Hippocampus: Time Course during Resting Period. Int J Mol Sci. 2023 Feb 1;24(3):2828. doi: 10.3390/ijms24032828. – Stankiewicz AM, Jaszczyk A, Goscik J, Juszczak GR. Stress and the brain transcriptome: Identifying commonalities and clusters in standardized data from published experiments. Prog

	Neuropsychopharmacol Biol Psychiatry. 2022 Dec 20;119:110558. doi: 10.1016/j.pnpbp.2022.110558. – Jaszczyk A, Juszczak GR. Glucocorticoids, metabolism and brain activity. Neurosci Biobehav Rev. 2021 Jul;126:113-145. doi: 10.1016/j.neubiorev.2021.03.007. – Juszczak GR, Stankiewicz AM. Glucocorticoids, genes and brain function.Prog Neuropsychopharmacol Biol Psychiatry. 2018 Mar 2;82:136-168. doi: 10.1016/j.pnpbp.2017.11.020. – Juszczak GR, Miller M. Detour Behavior of Mice Trained with Transparent, Semitransparent and Opaque Barriers. PLoS One. 2016 Sep 2;11(9):e0162018. doi: 10.1371/journal.pone.0162018.
Total number of patents; selected patents (max. 2) and a hyperlink to personal patent achievements (UP RP), on the day of completing the form	– 0
Selected scientific achievements from the newest, i.e. 2023, 2022, 2021... (in points, min. 800 characters, max. 1000 characters)	– Identification of gene expression patterns common for brain response to stress and glucocorticoids – Identification of gene expression patterns enabling identification of tissue contamination in brain transcriptomic data – Development of mouse detour test – Development of serotonergic hypothesis of sleepwalking
Number and list of defended PhD students from the latest, i.e. 2024, 2023, 2022...	– 1 (Aneta Jaszczyk)
Organizational activities, dissemination of knowledge and others (in points, min. 300 characters, max. 1000 characters)	– Medical Hypotheses – member of editorial advisory board – International Journal of Molecular Sciences - review editor – Frontiers in Neuroanatomy - review editor – Frontiers in Psychiatry - review editor for Psychopharmacology – Frontiers in Human Neuroscience - review editor for Sensory Neuroscience – Frontiers in Behavioral Neuroscience - review editor for Motivation and Reward