

CURRICULUM VITAE

Personal details

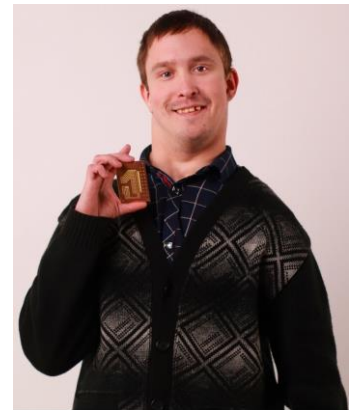
Full name: Ageev Vasily Borisovich

Date of birth: 8 December 1994

Affiliation

Engineer of Human and Animal Physiology, Biology Department, Saratov State University, 410012, Astrakhanskaya str., 83, Saratov, Russia.

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Education

2011-2015 Student, College of Radio Electronics named after P.N. Yablochkov (diploma with excellence)

2015-2019 Student, Chair of Radiophysics and Nonlinear Dynamics, Physic Department, Saratov State University (diploma with excellence)

2019-2021 Master's student, Chair of optics and biophotonics, Physic Department, Saratov State University (diploma with excellence)

Employment

2019 – 2021 Laboratory assistant, Smart Sleep laboratory, Biology Department, Saratov State University

2021 – Until now Engineer, Chair of Human and Animals Physiology, Biology Department, Saratov State University

Specialization

03.04.02 – Physics

Research interests

Spectral analysis, digital circuitry, analog electronics, electroencephalogram.

Education activity

None

Grants, Honors and Awards

- 2018-2020 Grant from Russian Science Foundation № 18-15-00172 (R)
“Laser stimulation and control of the drainage function of the brain for the prevention and treatment of intracranial hemorrhages during the first days after birth”
- 2019-2021 Grant from Russian Science Foundation № 19-15-00201 (R)
Multi-modal study of transport mechanisms of substances and fluids in the brain parenchyma during sleep-wake cycle as a new approach in drug delivery

2020-2023	Russian Foundation of Basic Research 20-015-00308 (PI) “Pilot studies of the functions of the lymphatic system of the brain and its membranes”
2019-2022	Russian Foundation of Basic Research, Chinese-Russian program № 19-515-55016 (PI) “Photomodulation of cleansing brain tissue from amyloid beta during sleep: new non-invasive disease treatment technologies Alzheimer's”
2019-2021	Governmental grant № 075-15- 2019-1885 (PI) “Discovery of fundamental mechanisms of sleep for breakthrough technologies of neurorehabilitation medicine”
2022-2024	Grant from Russian Science Foundation № 22-45-04406 (R) “Pioneering technology of night photo-stimulation of the elimination of blood from rat and human brain tissue through the lymphatic system”

Patents

Main publications (2016-2021):

1. OxanaSemyachkina-Glushkovskaya, Ivan Fedosov, Alexander Shirokov, Elena Vodovozov, Anna Alekseev, AlexandrKhorovodov, Inna Blokhina, Andrey Terskov, AyselMamedova, Maria Klimova, Alexander Dubrovsky, VasilyAgeev, IlanaAgranovich, Valeria Vinnik, Anna Tsven, Sergey Sokolovski, EdikRafailov, Thomas Penzel, Jürgen Kurths. Photomodulation of lymphatic delivery of liposomes to the brain bypassing the blood-brain barrier: new perspectives for glioma therapy. Nanophotonics. 2021, pp. 000010151520210212. <https://doi.org/10.1515/nanoph-2021-0212>
IF=8.499 (Q1)