CURRICULUM VITAE

Personal details

Full name: Blokhina Inna Andreevna
Date of birth: 26 October 1998

Affiliation

Engineer of Chair of Human and Animals Physiology, Biology Department,
Saratov State University, 410012, Astrakhanskaya str., 83, Saratov, Russia.
E-mail: inna-474@yandex.ru

Education

2016-2020	Student, Chair of Human and Animals Physiology, Biology Department, Saratov State University
2020	Master, Chair of Human and Animals Physiology, Biology Department, Saratov State University

Employment

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

Specialization

06.04.01 – biology

Research interests

The cerebral lymphatic system; electrophysiology; confocal microscopy; EEG.

Grants

2019-2021	Governmental grant № 075-15- 2019-1885 (PI) "Discovery of fundamental mechanisms of sleep for breakthrough technologies of neurorehabilitation medicine"

Main publications (2019-2021):

1. Oxana Semyachkina-Glushkovskaya, Ivan Fedosov, Alexander Shirokov, Elena Vodovozov, Anna Alekseev, Alexandr Khorovodov, Inna Blokhina, Andrey Terskov, Aysel Mamedova, Maria Klimova, Alexander Dubrovsky, Vasily Ageev, Ilana Agranovich, Valeria Vinnik, Anna Tsven, Sergey Sokolovski, Edik Rafailov, 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)
2. Oxana Semyachkina-Glushkovskaya, Arkady Abdurashitov, Alexander Dubrovsky, Maria Klimova, Ilana Agranovich, Andrey Terskov, Alexander Shirokov, Valeria Vinnik, Anna Kuznecova, Nikita

Lezhnev, Inna Blokhina, Anastassia Shnitenkova, Valery Tuchin, Edik Rafailov, and Jurgen Kurths. Photobiomodulation of lymphatic drainage and clearance: perspective strategy for augmentation of meningeal lymphatic functions. Biomedical Optics Express Vol. 11, Issue 2, pp. 725-734 (2020) •https://doi.org/10.1364/BOE.383390
IF= 3.910 (Q1)

3. Nadezhda Semenova, Konstantin Segreev, Andrei Slepnev, Anastasia Runnova, Maxim Zhuravlev, Inna Blokhina, Alexander Dubrovsky, Oxana Semyachkina-Glushkovskaya, Jurgen Kurths. Non-invasive analysis of blood-brain barrier permeability based on wavelet and machine learning approaches. Eur. Phys. J. Plus (2021) 136:736 https://doi.org/10.1140/epjp/s13360-021-01715-2
IF= 3.228 (Q1)