CURRICULUM VITAE

Personal details

Full name: Terskov Andrey Vitalievich
Date of birth: 26 December 1994

Affiliation

Assistant of Chair of Human and Animals Physiology, Biology Department, Saratov State University,
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Education

2012-2018	Student, Chair of Human and Animals Physiology, Biology Department, Saratov State University
2019	PhD-student, Chair of Human and Animals Physiology, Biology Department, Saratov State University (diploma with excellence)

Employment

2016	Engineer, Chair of Human and Animals Physiology, Biology Department, Saratov State University
2021	Assistant, Chair of Human and Animals Physiology, Biology Department, Saratov State University

Specialization

03.03.01 – physiology

Research interests

The cerebral lymphatic system; blood-brain barrier, brain drug delivery.

Patents

- Patent of Russian Federation, № 2688013: “Non-invasive method of drug brain delivery” / O.V. Semyachkina-Glushkovskaya, V.V. Tuchin, Yu. G. Kurts, E.Y. Ravailov, D.E. Bragin, **A.V. Terskov**, A.P. Khorovodov. Published 17/05/2019; Bul. № 14.

Main publications (2016-2021):

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. O. Semyachkina-Glushkovskaya, A. Esmat, D. Bragin, O. Bragina, A. A. Shirokov, N. Navolokin, Y. Yang, A. Abdurashitov, A. Khorovodov, **A. Terskov**, M. Klimova, A. Mamedova, Fedosov I., V. Tuchin, J. Kurths. Phenomenon of music-induced opening of the blood-brain barrier in healthy mice. Proceedings of The Royal Society B 2020: 20202337; https://doi.org/10.1098/rspb.2020.2337
IF= 5.386 (Q1)

4. Zhinchenko, E., Navolokin, N., Shirokov, A., Khlebcov, B., Dubrovsky, A., Saranceva, E., Abdurashitov A., Khorovodov, A., **Terskov A**., Mamedova, A., Klimova, M., Agranovich, I., Martinov, D., Tuchin, V., Semyachkina-Glushkovskaya, O., Kurths, J. Pilot study of transcranial photobiomodulation of lymphatic clearance of beta-amyloid from the mouse brain: breakthrough strategies for nonpharmacologic therapy of Alzheimer's disease. Biomedical Optics Express. 10(8): doi.org/10.1364/BOE.10.004003 (2019).
IF= 3.910 (Q1)

5. Agranovich, I., Borisova, E., Navolokin, N., Bucharskaya, A., Maslyakova, G., Shirokov, A., Abdurashitov, A., Amgelov, I., Khorovodov., A., **Terskov, A**., Mamedov, A., Klimova, M., Semyachkina-Glushkovskaya O. Phenomenon of atypical vascular effects of epinephrine and an increase of photodynamic response by nitroglycerin in rats with colon adenocarcinoma: adrenergic and nitrergic mechanisms and novel applied aspects. Biomedical Optics Express. 10(8): https://doi.org/10.1364/BOE.10.004115
IF= 3.910 (Q1)