

Ruzanna Arsen Shushanyan

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Research Institute of Biology

Laboratory of Human and Animal Physiology

Junior Researcher

Education

Institution	Yerevan State University
Faculty	Faculty of Biology, Chair of Human and Animal Physiology
Date	2021 - 2024
Degree name	PhD student

Institution	Yerevan State University
Faculty	Faculty of Biology, Chair of Human and Animal Physiology
Date	2019 - 2021
Degree name	Masters

Institution	Yerevan State University
Faculty	Faculty of Biology, Chair of Zoology
Date	2015 - 2019
Degree name	Bachelor

Language skills

Հայերեն English Русский

Work experience

Institution	Yerevan State University, Faculty of Biology, Chair of Human and Animal Physiology
Period of time	2022 till now
Rank/degree	Junior Researcher

Institution	Institute for Informatics and Automation Problems NAS RA
Period of time	2019 till now
Rank/degree	Junior researcher

Scientific interests

- Neuroscience, Neuroanatomy, Neurochemistry, Histology, Pathophysiology
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Participation in international conferences and seminars

26/05/2023 Driving Force of Science: Neuroscience & Toxicology
Armenia

29/06/2024 - 03/07/2024 The 48th FEBS Congress
Italy

08/07/2023 - 12/07/2023 The 47th FEBS Congress
France

Membership

Institution Federation of European Biochemical Societies
Period of time 2022 till now

Institution BIO-SEE Society (Biomedical Imaging Organization for South East Europe)
Period of time 2022 till now

Publications

Article

Morphological abnormalities of peripheral blood cells among patients with COVID-19 disease

Anna Karapetyan, Lyudmila Niazyan, Ruzanna Shushanyan, Tamara Abgaryan, Sevan Iritsyan,

Tehmine Galechyan, Sargsyan Knarik, Anna Grigoryan

Heliyon 2024 e24527

Article

The role of oxidative stress and neuroinflammatory mediators in the pathogenesis of high-altitude cerebral edema in rats

Ruzanna A. Shushanyan, Nikolay V. Avtandilyan, Anna V. Grigoryan, Anna F. Karapetyan

Respiratory Physiology and Neurobiology 2024 104286

Article

THE EVALUATION OF MAST CELLS, TNF- α EXPRESSION AND TUNEL-POSITIVE NEURONS IN THE BRAIN DURING INFLAMMATORY RESPONSE INDUCED BY ACUTE HYPOBARIC HYPOXIA

R.A. Shushanyan

Proceedings of the YSU B: Chemical and Biological Sciences 2024 86-94

Article

Antioxidant effects of Crataegus laevigata on rat's brain under hypobaric hypoxia-induced oxygen deficiency

Karapetyan M.A., Adamyan N.Yu., Shushanyan R.A., Karapetyan A.F.

Neurochemical Journal 2023 477-481

Article

Cardiovascular Adaptability of Young Adults under Physical Activity during the Post-COVID-19 Period

E. S. Gevorkyan, K. V. Baghdasaryan, R. A. Shushanyan, A. F. Karapetyan

Human Physiology (Физиология человека) 2023 562-572

Article

Histological and cytochemical analysis of the brain under conditions of hypobaric hypoxia-induced oxygen deficiency in albino rats

Ruzanna Shushanyan, Anna Grigoryan, Tamara Abgaryan, Anna Karapetyan

Acta Histochemica 2023 152114

Article

HYPOBARIC HYPOXIA CAUSES HISTOMORPHOLOGICAL ALTERATIONS IN THE DIFFERENT PARTS OF THE RAT'S BRAIN

R. A. SHUSHANYAN, A. V. GRIGORYAN, A. F. KARAPETYAN

Proceedings of the YSU B: Chemical and Biological Sciences 2022 266-274

Article

ASSESSMENT OF COLLABORATION PATTERNS IN THE FIELD OF BIOLOGY IN ARMENIA DURING 2007-2020: A BIBLIOMETRIC OVERVIEW

R. A. Shushanyan, M. J. Ohanyan

Biological Journal of Armenia 2022 93-100

Article

The role of socio-economic and scientometric indicators in the cancer mortality rate

Shushanik Sargsyan, Parandzem Hakobyan, Ruzanna Shushanyan, Aram Mirzoyan, Viktor Blaginin

Upravlenets (The Manager) 2022 54-68

Conference

Assessment of NO level and histological alterations in the rats brain during high altitude cerebral edema induced by hypobaric hypoxia

R. Shushanyan, A. Karapetyan, A. Grigoryan

Conference

Cytotoxic effect of the of SARS COV-2 on peripheral blood cells in the pathogenesis of COVID-19 disease

A. Karapetyan, A. Grigoryan, L. Niazyan, R. Shushanyan, T. Abgaryan, T. Galechyan, S. Iritsyan,

K. Sargsyan

Conference

Acute brain edema associated with the elevated levels of oxidative stress mediators and TNF-alpha in rats: biochemical and immunohistochemical assessment

R. Shushanyan, A. Grigoryan, E. Nadiryan, A. Karapetyan

Conference

Assessment of long-term cardiovascular complications of SARS-COV-2 in young adults

E. Gevorkyan, R. Shushanyan, K. Hovhannisyan, A. Karapetyan

Conference

The morphofunctional changes in rat's liver under conditions of 7, 12-DMBA-induced breast

cancer after NG-Nitro-L-arginine methyl ester treatment

A. Grigoryan, R. Shushanyan, N. Avtandilyan, A. Karapetyan
