Приложение 7 к Протоколу заочного голосования Организационного комитета Международной олимпиады Ассоциации «Глобальные университеты» для абитуриентов магистратуры и аспирантуры от 20.06.2023 № 1-з

**Структура научного профиля (портфолио) потенциальных научных руководителей участников трека аспирантуры Международной олимпиады Ассоциации «Глобальные университеты» для абитуриентов магистратуры и аспирантуры.**

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| --- | --- |
| University | I.M. Sechenov First Moscow State Medical University (Sechenov University) |
| Level of English proficiency | B2 , Upper Intermediate |
| Educational program and field of the educational program for which the applicant will be accepted | MEDICAL AND HEALTH SCIENCES3.01Basic medical research(AY) ANATOMY & MORPHOLOGY |
| List of research projects of the potential supervisor (participation/leadership) | Neuroanatomy of brain structures. Anatomical, physiological and clinical perspectives for studying the drainage (glymphatic) system of the brain in the context of neurodegenerative diseases Blood supply to adjacent arterial zones of the brain and microanastomoses of vesselsRespiratory medicineAnatomical approaches in modern neurosurgery;Morphology of the volume of the ovaries, stroma and ovarian vessels in the ovarian reserve in the menopausal and postmenopausal periodsMorphological age markers of connective tissue dysplasia |
| List of the topics offered for the prospective scientific research | Study of macro-micrometric (quantitative) structural components of the ovary in elderly and senile ages; mathematical modeling of age-related and pathological processes;Variant anatomy of the musculoskeletal system due to age-related changes (vertebral column, pelvic bones, knee joint, bones of the upper limbs, upper and lower jaws);Study of biomechanical and morphological features of the ligamentous apparatus of joints in the age aspect;Craniometry and clinical anatomy;Lymphoid structures of the respiratory organs under low-dose radiation and chemical exposure |
|  Research supervisor:Изображение выглядит как Человеческое лицо, человек, улыбка, одежда  Автоматически созданное описаниеOganesyan Marine Valikovna,Candidate of Sciences, Associate Professor of the Department of Human Anatomy and Histology, Sechenov University | *Medical Sciences and Public Health**3.01 Fundamental medicine* *AY Anatomy and morphology**3.02 Clinical medicine LG Gerontology* |
| Supervisor’s research interestsResearch of low-dose radiation-chemical effects on the respiratory system; macro-micrometric (quantitative) structural components of the ovary in elderly and senile ages; morphology of connective tissue structures of the spine, bones of the lower limb in the age aspect; mathematical modeling of age-related and pathological processes |
| Research highlights *(при наличии)**Collection of clinical material;* *fixation and preparation of microslides using modern histological stains;* *work on modern microscopic equipment;* *study of MRI, CT images;* *morphometry,* *mathematical data processing, publication of research results* |
| Supervisor’s specific requirements:*. master methods of studying macro- and micropreparations**. be able to use methods of statistical data processing**. use bibliography, be able to write scientific articles, speak at conferences**.* have already published research papers in a related field |
|  Supervisor’s main publications (33):* Amygdala: Neuroanatomical and Morphophysiological Features in Terms of Neurological and Neurodegenerative Diseases V.N. Nikolenko, M.V. Oganesyan, N.A. Rizaeva,VA. … M.Y. Sinelnikov July 2020 Brain Sciences 10 (8):502 DOI: [10.3390/brainsci10080502](http://dx.doi.org/10.3390/brainsci10080502)
* Current Drug Targets for Gut Microbiota Biocorrection during the SARS-CoV-2 Pandemic: A Systematic Review. M. Sankova, V.N. Nikolenko, M.V. Oganesyan… M.E. Sinelnikov. April 2022 Current Drug Targets 23(11) DOI: 10.2174/1389450123666220418094853
* Current Understanding of Central Nervous System Drainage Systems: Implications in the Context of Neurodegenerative Diseases V.N. Nikolenko, M.V. Oganesyan…G. Aliev Nov 2019 Current Neuropharmacology 17(11) DOI: 10.2174/1570159X17666191113103850
* Nikolenko VN, Rizaeva NA, Beeraka NM, Oganesyan MV, Kudryashova VA, Dubovets AA, Borminskaya ID, Bulygin KV, Sinelnikov MY, Aliev G. The mystery of claustral neural circuits and recent updates on its role in neurodegenerative pathology. Behav Brain Funct. 2021 Jul 7;17(1):8. doi: 10.1186/s12993-021-00181-1. PMID: 34233707; PMCID: PMC8261917
* Recent investigations on the functional role of cerebellar neural networks in motor functions & nonmotor functions - neurodegeneration. N.M. Beeraka, Nikolenko V.N., Zakirov F.KH., Oganesyan M. V.,…and Sinelnikov M.Ye. March 2022 Current Neuropharmacology 20(10) DOI: 10.2174/1570159X20666220310121441
* Age pathognomic indicators of Injury predisposition as a basis for public health preservation during physical activity. Sankova M., Nikoleno V., Oganesyan M., Vovkogon A., Chirkova E., Sinelnikov M. Int. J. Environ. Res. Public Health2021*,*18(4), 1989; doi:10.3390/ijerph18041989
* Sankova M.V., Nikolenko V.N., Oganesyan M.V.,

 Bakhmet A.A., Gavryushova L.V., Sankov S.V., and Sinelnikov M.Y. Current Drug Targets for Gut  Microbiota Biocorrection during the SARS-CoV-2Pandemic:  A Systematic Review, Current Drug Targets 2022; 23 (11) Doi:10.2174/1389450123666220418094853 Sankova MV, Nikolenko VN, Oganesyan MV,  Vovkogon AD, Gadzhiakhmedova AN, Zharikova TS,  Zharikov YO Identifying sex-specific injury predictors  as a key factor in maintaining optimal physical activity  levels.2023World Journal of Orthopaedics 14(3):146-154  DOI: 10.5312/wjo.v14.i3.146 |
|  | Results of intellectual activity Co-author of teaching manuals on different topics of human anatomy, multilingual atlasCurator of many student research works^* . Nikolenko V.N., Oganesyan M.V., Yakhno N.N., Orlov E.A., Porubayeva E.E., Popova E.Yu. The brain’sglymphatic system:physiological anatomy and clinical perspectives.  Neurology, Neuropsychiatry, Psychosomatics. 2018;10(4):94-100. (In Russ.) <https://doi.org/10.14412/2074-2711-2018-4-94-100>
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* . Nikolenko V.N., Rizaeva N.A., Oganesyan M.V., Kudryashova V.A., Golyshkina M.S., Pavlyuk P.A., Unanyan A.L., Gevorgyan M.M., Priputnevich T.V. Tubal infertility: medical, social and psychological aspects of the problem/Obstetrics and gynecology-2020 (11), 213-224. doi: 10.1856/aig.2020.11.213-224
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