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 | First Moscow State Medical University (Sechenov University) |
| Level of English proficiency | B2 |
| Educational program and field of the educational program for which the applicant will be accepted | *31.06.01 Clinical medicine (educational program)**3.1.19 Endocrinology (field of the educational program)* |
| List of research projects of the potential supervisor (participation/leadership) | Immunogenetic markers for diagnosing and predicting the course of Graves' ophthalmopathy (guidance)Prediction of long-term remission of Graves' disease after antithyroid treatment (guidance) Molecular genetics of thyroid cancer (participation) Evaluation of the effectiveness of predictive models for thyroid cancer (participation) Clinical, immunological and genetic features of thyroid pathology in metabolic syndrome (participation) |
| List of the topics offered for the prospective scientific research | Autoimmune polyglandular syndromes, diagnostic tests and prognosisImmunogenetic markers as prognostic tools of long-term remission of Graves' disease Autoimmune thyroiditis and pregnancy outcomesNatural history and risk factors for autoimmune thyroiditisTargeted therapy for autoimmune thyroid diseases and Graves' ophthalmopathyAssociation between gut microbiota and autoimmune thyroid diseaseStudy of immune checkpoint inhibitors related endocrine adverse events |
|  Research supervisor:Martirosyan N. S.,Candidate of ScienceSechenov University | Endocrinology & metabolism |
| Supervisor’s research interestsPathogenesis of autoimmune endocrine diseases. Prediction of the risk of manifestation, course and outcomes of autoimmune diseases. Genetics and immunology of the thyroid diseases, autoimmune thyroiditis, Graves' disease. Predicting the risk of development and course of Graves' ophthalmopathy in Graves' disease and autoimmune thyroiditis. Factors of long-term remission of Graves' disease after antithyroid treatment. Targeted biological therapy for autoimmune thyroid diseases and Graves' ophthalmopathy. Differentiated thyroid cancer, research of the molecular genetics of thyroid cancer and risk factors for aggressive course in patients with thyroid nodules. The influence of thyroid function and autoimmune thyroid diseases on the reproductive system and pregnancy outcomes. |
| Research highlights *(при наличии)*Translational and clinical research Collaborations with researchers in other fields Grant support  |
| Supervisor’s specific requirements:* at least a B1 level of English
* basic knowledge of biomedical statistics
 |
| Supervisor’s main publications41 publications Web of Science, Scopus, RSCI over the past 5 years:* Galstyan, K.O., Nedosugova, L.V., Martirosian, N.S., Sobenin, I.A., Orekhov, A.N. Modification of tumor necrosis factor-α and C-C motif chemokine ligand 18 secretion by monocytes derived from patients with diabetic foot syndrome. Biology, 2020, 9(1), 3
* Rogova, M.O., Novosad, S.V., Martirosian, N.S., Trukhina, L.V., Petunina, N.A. Molecular markers as risk factors for thyroid cancer. Terapevticheskii Arkhivthis. 2019, 91(10), pp. 119–123
* Petunina, N.A., Martirosian, N.S., Trukhina, L.V., Burdennyy, A.M., Nosikov, V.V. Association between polymorphic markers in candidate genes and the risk of manifestation of endocrine ophthalmopathy in patients with Graves' disease. Terapevticheskii Arkhiv. 2018, 90(10), pp. 35–39
* Rogova, M.O., Martirosian, N.S., Trukhina, L.V., Ippolitov, L.I., Petunina, N.A. Thyroid cancer: Retrospective study of patients with surgical treatment (a single-center experience). Meditsinskiy Sovet, 2020, 2020(9), pp. 283–288
* Martirosian N.S., Petunina N.A. Thyroid gland dysfunction and assisted reproductive technologies. Effective pharmacotherapy. 2021. Т. 17. № 31. С. 44–48.
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|  | Results of intellectual activity *(при наличии)*Patent RU2725749. A method for predicting thyroid cancer in a patient with thyroid nodules. |