



OLHA OBUKHOVA
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PhD, Associated Professor of the Department of Physiology and Pathophysiology with Medical Biology Course, Academic and Research Medical Institute, Sumy State University, Ukraine
Member of Ukrainian Society of Geneticists and Breeders named after M. I. Vavilova
Member of Ukrainian Physiological Society named after P. G. Kostyuka
Member of Scientific Society of Pathophysiologists of Ukraine
<https://physiology.med.sumdu.edu.ua/teachers-of-the-department/>

EDUCATION AND WORK EXPERIENCE:

2023 – present Master's student in the specialty of Psychology in Sumy State Pedagogical University named after A.S. Makarenko
2023 – present Master's student in the specialty of Management in Sumy State University
2016 – present Associated Professor of the Department of Physiology and Pathophysiology with Medical Biology Course, Sumy State University, Ukraine
2014: PhD Degree in Genetics, State Institution "National Research Center for Radiation Medicine of National Academy of Medical Sciences of Ukraine", Ukraine
2011 – present Research fellow of the Scientific Laboratory of Molecular Genetic Research of Sumy State University
2010 - 2012: Vice Dean of the Medical Institute, Sumy State University, Ukraine
2003 - 2016: Professor Assistant of the Department of Physiology and Pathophysiology with Medical Biology, Sumy State University, Ukraine
2001-2003 - tutor for schoolchildren in Gymnasium 1, Sumy, Ukraine
2001: Specialist Degree in Biology and Chemistry, Sumy State Pedagogical University named after A.S. Makarenko, Ukraine

O. Obukhova has profound skills in English; native language – Ukrainian.

PARTICIPATION IN INTERNATIONAL PROJECTS:

ePBLnet (530519-TEMPUS-1-2012-1-UK-TEMPUS-JPCR) Establishment of the supra-regional network of the national centres in medical education, focused on PBL.

PROFESSIONAL DEVELOPMENT:

2023 - Jean Monet International Winter School "Academic Project Management and Effective Communication" within the framework of EU Erasmus+ program projects "Policy and best practices of the European Union on academic project management"(101085243 – ProEU-ERASMUS-JMO-2022-HEI-TCH-RSCH).
2023 - Provision of psychological first aid as part of the project of psychosocial support in the Sumy region, by MedAir in Ukraine
2023 – Physical and mental health of a person: principles of sustainability in crisis conditions, Sumy State University, Ukraine
2023 – European Conference on Human Genetics (Glasgow, Great Britain)
2022-2023 – Program Curriculum GlobALE by DVV International in Ukraine
2021 – Symposium of molecular medicine “25 Years of Progress in Molecular Medicine: From Basic Research to Clinical Application» (Cologne, Germany)

2021 – European Conference on Human Genetics (Vienna, Austria)
2019 – 35th Symposium of molecular medicine named after Ernst Klenka (Cologne, Germany)
2016 – 32nd Symposium of molecular medicine named after Ernst Klenka (Cologne, Germany)
2016 - European Conference on Human Genetics (Barcelona, Spain)
2016 - Winter school of the Western Finland College with studying English language and culture (Huytinnen, Finland)
2015 - 31st Symposium of molecular medicine named after Ernst Klenka (Cologne, Germany)

SCIENTIFIC INTERESTS: molecular biology, human genetics, coaching, physiology, psychology, health systems, wellness practice.

LANGUAGE COMPETENCES: English –upper independent level

PUBLICATION ACTIVITY: More than 100 publications

ORCID: <https://orcid.org/0000-0002-2104-8412>

Scopus ID: 55543780100 (h-index: 4, 15 document, 27 citations)

Google Scholar: <https://scholar.google.com.ua/citations?user=ZbVQHGEAAA&hl=uk> (h-index: 4, 60 documents, 77 citations)

LIST OF MAIN PUBLICATIONS

1. **Olha A. Obukhova**, Viktoriia Yu. Harbuzova, Maryna M. Zavadzka et al. Analysis of the blood hypercoagulation risk in patients with ischemic atherothrombotic stroke depending of the VDR gene polymorphisms. *Polski Mercuriusz Lekarski*, 2023, 51(4), P. 334–338 (Scopus)
2. M Demenko, V Harbuzova, **O Obukhova**, A Biesiedina, Z Levchenko Personal component of graphomotor skills of children aged 5–8 years. *East Ukr Med J* 2023. 11 (4), 442-452 (Scopus)
3. Harbuzova V., **Obukhova O.** Experience and prospects of using the Labster platform in practical lessons for medical students. The 11th International scientific and practical conference “Modern research in world science” (January 29-31, 2023) SPC “Sci-conf. com. ua”, Lviv, Ukraine. 2023. 1579 p.
4. Moiseienko K., **Obukhova O.**, Harbuzova V. Association between MALAT1 rs4102217-polymorphic variant and ischemic atherothrombotic stroke development in people with increased body mass index *Eastern Ukrainian Medical Journal*, 2022, Vol 10, No 2. – P. 131-137. [https://doi.org/10.21272/eumj.2022;10\(2\):131-137](https://doi.org/10.21272/eumj.2022;10(2):131-137) (Scopus)
5. Pogorielova O.S., Korniienko V.V, Chumachenko Ya.D., **Obukhova O.**, Martsovenko I., Grek A., Prystupa L., Harbuzova V. Association of MMP-9 genetic polymorphism and MMP-9 concentration with echocardiographic parameters in Ukrainian patients with coronary artery disease. *Eastern Ukrainian Medical Journal*, 2022, Vol 10, No 3. – P. 223-232. [https://doi.org/10.21272/eumj.2022;10\(3\):223-232](https://doi.org/10.21272/eumj.2022;10(3):223-232) (Scopus)
6. Demenko M. M., Harbuzova V. Yu., **Obukhova O. A.** Physiology of sensory systems. Lecture notes. — Sumy: Sumy State University, 2022. — 48 p.
7. Volkogon A.D., **Obukhova O.A.**, Garbuzova V. Yu., Ataman O. V. Study of the association of the polymorphic locus rs4977574 of the long non-coding RNA gene ANRIL with the development of bladder cancer. *Physiological journal*. 2020, Vol. 66, No. 2. - P. 13-20. (Scopus)
8. **Olha A Obukhova**, Alexander V Ataman, Maryna M Zavadzka, et al. The associason of vitamin D receptor gene (VDR) polymorphisms with high blood pressure in stroke patients of Ukrainian population. *Wiad Lek* 2020. 73 (11), 2349-2353. (Scopus)
9. Fomenko I.G., Harbuzova V. Yu., **Obukhova O.A.**, Pohmura V.V., Plakhtiienko I.O., Piven S.N. The association of ApaI-polymorphism of vitamin D receptor gene (VDR) with

- development of generalized parodontitis in Ukrainian population *Wiadomosci Lekarskie*. 2019. 72,(7). – P. 1253-1257. (Scopus)
10. Ataman AV, Harbuzova VY, **Obukhova OA**, Dubovyk YI Analysis of ectonucleotide pyrophosphatase/phosphodiesterase 1 gene K121Q polymorphism association with some risk factors of atherosclerosis in patients with acute coronary syndrome *Cytology and Genetics*, 2018, 52, P. 127-131. (Scopus)
 11. Dubovyk YI, Harbuzova VY, **Obukhova OA**, Ataman AV Analysis of γ -glutamyl carboxylase gene rs2592551 polymorphism association with ischemic atherothrombotic stroke. *Fiziolohichni Zhurnal*, 2017. 63(1). P. 33-42. (Scopus)
 12. Oleshko, T.B, Obukhova, O.A. Oleshko, T.M. Sotnikov, D.D. Harbuzova, V.Y. Role of c+70g single nucleotide polymorphism of endothelin receptor a gene in the development of ischemic atherothrombotic stroke. *Wiadomosci lekarskie* 2017, 70(4), P. 725–730. (Scopus)
 13. Garbuzova V. Yu., Stroy D. A., Dosenko V. E., **Obukhova O. A.**, Ataman O. V. Association of allelic polymorphisms of the Matrix Gla-protein system genes with acute coronary syndrome in the Ukrainian population. *Biopolymers and Cell*. – 2015. – Vol. 31. N1. – P. 46–56. (Scopus)
 14. Garbuzova V.Yu., **Obukhova O.A.**, Forms of practically-oriented training of medical students and measures to improve it. Prospects for the development of medical science and education: a collection of abstracts of reports of the All-Ukrainian Scientific and Methodological Conference dedicated to the 25th anniversary of the Sumy State Medical Institute 2017.
 15. Garbuzova V.Yu., Stroi D.A., Dosenko V.E., Dubovik E.I., Borodenko A.O., Shimko K.A., **Obukhova O.A.**, Ataman O.V. Association of gene polymorphism of the matrix Gla-protein system with the development of ischemic atherothrombotic stroke *Physiological journal*. - 2015. - Vol. 61, No. 1. – P. 19–27. (Scopus)
 16. **Obukhova O.**, Garbuzova V., Ataman A. Association of VDR gene polymorphisms with hypertension in patients with atherothrombotic ischemic stroke in Ukrainian population // *European Journal of Human Genetics*. – 2015. – Vol. 23, Supp. 1. – P. 400.
 17. Garbuzova V., Ataman A., **Obukhova O.** Association of allelic polymorphisms of matrix Gla protein system genes with acute coronary syndrome in the Ukrainian population // *European Journal of Human Genetics*. – 2015. – Vol. 23, Supp. 1. – P. 398.