

Oleshko Tetiana Bohdanivna	
Contact Information	116, Kharkivska St., Sumy Office 413 Phone: (+380542) 65-40-63 E-mail: t.oleshko@med.sumdu.edu.ua
Position	Assistant at the Department of Physiology and Pathophysiology with a course in Medical Biology
Academic Degree	Candidate of Medical Sciences
Courses Taught	Pathophysiology
Scopus Author ID	https://www.scopus.com/authid/detail.uri?authorId=57201056229 57201056229, h-index = 2
ORCID ID	https://orcid.org/0000-0002-5909-5812
Google Scholar	https://scholar.google.com.ua/citations?user=63WvwMEAAAAJ&hl=ru&authuser=2 ; h-index = 3
ResearchGate	https://www.researchgate.net/profile/Tetiana-Oleshko
eSSUIR	https://essuir.sumdu.edu.ua/browse?type=author&order=ASC&rpp=20&value
PhD Dissertation	“Association of Polymorphism of Endothelin Genes and Endothelin Receptors with Mechanisms of Major Manifestations of Ischemic Stroke” (Specialty: 14.03.04 – Pathological Physiology; Scientific Supervisor – Prof. V.Yu. Harbuzova) (Sumy, Sumy State University of the Ministry of Education and Science of Ukraine, 2018).
Responsibilities and Assignments	• Moderator of the Department of Physiology and Pathophysiology with a course in Medical Biology (2019–2021) • Secretary of the Sumy Branch of the Ukrainian Scientific Society of Pathophysiologists
Work Experience	From 2015 to the present – Assistant at the Department of Physiology and Pathophysiology with a course in Medical Biology
Participation in International Projects	• 530519-TEMPUS-1-2012-1-UK-TEMPUS-JPC “Implementation of Innovative Teaching Strategies in Medical Education and Development of an International Network of National Training Centers” • Erasmus+ “620717-EPP-1-2020-1-UA-EPPJMO-MODULE Modern European Trends in Biomedical Higher Education: Bionanomaterials” • Grant of HORIZON 2020, project 777926 “Nanostructural Surface Development for Dental Implant Manufacturing”
International Internships	• Western Finland College (Guittinen, Finland; January 18–22, 2016) – Internship focused on improving English proficiency • Pavol Jozef Šafárik University (Košice, Slovakia; June 22–24, 2016) – Participation in the 8th International Medical Congress • Silesian University of Technology (Gliwice, Poland, 2019) – Internship within the NanoSurf 777926 project
Publications	More than 30 scientific publications
Patents	• Method for Predicting the Development of Ischemic Atherothrombotic Stroke. Oleshko T.B., Harbuzova V.Yu., Dubovik Ye.I., Ataman O.V. Patent for a utility model No. 118841, Ukraine, IPC G01N 33/50 filed on March 27, 2017; published on August 28, 2017, Bulletin No. 16. • Device for Modeling Blood Circulation and Studying Its Effect on Experimental Samples. Oleshko O.M., Smiiianov V.A., Oleshko T.B.,

	Smiianova O.I., Hlushenko V.V., Oleshko T.M., Berladyr Kh.V. Patent for a utility model.
Main Scientific Articles in Publications Indexed by the SCOPUS Bibliometric Database	1. Modern approaches and possibilities of application of 3D modeling for tissue engineering and bone regeneration: literature review / V. Hlushchenko, T. Ivakhniuk, T. Oleshko, K. Berladir, V. Smiyanov, O. Oleshko // Eastern Ukrainian Medical Journal. – 2023. – Vol. 11. – No. 4. – P. 337-351. 2. In vitro biological characterization of silver-doped anodic oxide coating on titanium / O. Oleshko, I. Liubchak, Ye. Husak, V. Korniienko, A. Yusupova, T. Oleshko, R. Banasiuk, M. Szkodo, I. Matros-Taranets, A. Kazek-Kesik, W. Simka, M. Pogorielov // Materials. – 2020. – Vol. 13: 4359. doi:10.3390/ma13194359. 3. Structural and Biological Assessment of Mg Alloy Surface after Plasma Electrolytic Oxidation in Different Solutions / Ye. Husak, V. Korniienko, W. Simka, O. Oleshko, T. Oleshko, B. Dryhval, J. Dudko, M. Pogorielov // Materials of the 2020 IEEE 10th International Conference on "Nanomaterials: Applications and Properties," NAP 2020, 9309693. 9-13 Nov. 2020. doi:10.1109/NAP51477.2020.9309693. 4. Physical and Chemical Characterization of the Magnesium Surface Modified by Plasma Electrolytic Oxidation – Influence of Immersion in Simulated Body Fluid / O. Oleshko, V. Korniienko, S. Kyrylenko, W. Simka, Y. Husak, T. Oleshko, B. Dryhval, J. Dudko, M. Pogorielov // Materials of the 2020 IEEE 10th International Conference on "Nanomaterials: Applications and Properties," NAP 2020, 9309586. 9-13 Nov. 2020. doi:10.1109/NAP51477.2020.9309586. 5. Influence of Lys198Asn polymorphism of the endothelin-1 gene on ischemic atherothrombotic stroke characteristics / Tetiana B. Oleshko, Iryna S. Chaika, Tetiana M. Oleshko, Viktoriia Yu. Harbuzova // Wiadomości Lekarskie. – 2020. – Vol. LXXIII. – No. 4. – P. 657–661. 6. Positive Association between EDN1 rs5370 (Lys198Asn) Polymorphism and Large Artery Stroke in a Ukrainian Population / Ye.I. Dubovyk, T.B. Oleshko, V.Yu. Harbuzova, A.V. Ataman // Disease Markers – 2018. – Vol. 2018 – Article ID 1695782. – 9 pages. doi:10.1155/2018/1695782. 7. Role of single nucleotide polymorphism C+70G of the endothelin-A receptor gene in the development of ischemic atherothrombotic stroke / T.B. Oleshko, O.A. Obukhova, T.N. Oleshko, O.I. Matlai, D.D. Sotnikov, V.Yu. Harbuzova // Wiadomości Lekarskie. – 2017. – Vol. LXX. – No. 4. – P. 725–730.
Professional Development	• Sumy State University. Center for Development of Human Resources. Short-term professional development program “Distance Learning Technologies at SumDU,” 2020. • Sumy State University “English Language Courses,” received a B2 level certificate, 2023.