



Curriculum Vitae

Korotkyi OH

PERSONAL INFORMATION



Korotkyi Oleksandr Hryhorovych

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Scopus Author ID: 55761166500

Web of Science ResearcherID: AAZ-6512-2020

Google Scholar: Oleksandr Korotkyi

Sex M | Citizenship Ukraine

Research degree (degree, speciality)	2021 – Doctor of Biological Sciences (03.00.04 - Biochemistry)
Academic status	Professor
Position	Professor of the Department of Microbiology and Immunology
Faculty/institute	Educational and Scientific Centre "Institute of Biology and Medicine", Taras Shevchenko National University of Kyiv

Teaching Activities:

Present	<p>BSc</p> <ol style="list-style-type: none">"Introduction to university studies", 1st Year (specialitys: E1 "Biology and Biochemistry", E2 "Ecology", G21 "Biotechnology and bioengineering"), lectures."Immunology", 2nd Year (specialty: E1 "Biology and Biochemistry"), laboratory work."Applied Aspects of Bioethics and Biosafety", 4th Year (specialty: E1 "Biology and Biochemistry", block of the "Immunology"), lectures and practical classes. <p>MSc</p> <ol style="list-style-type: none">"Preclinical and clinical research in immunology", 1st year (specialty: E1 "Biology and Biochemistry", professionally oriented block "Immunology"), lectures and practical classes."Preclinical and clinical research in microbiology", 2nd year (specialty: E1 "Biology and Biochemistry", professionally oriented block "Microbiology"), lectures and practical classes."Professional and corporate ethics", 1st Year (specialitys: E1 "Biology and Biochemistry", E2 "Ecology", G21 "Biotechnology and bioengineering", H3 "Horticulture"), lectures and seminar classes
Past	<p>BSc</p> <ol style="list-style-type: none">"Introduction to university studies", 1st Year (specialitys: 091 "Biology and Biochemistry", 101 "Ecology", 162 "Biotechnology and bioengineering"), lectures."Introduction to university studies. History of garden and park art", 1st Year (206 "Horticulture", landscape design and landscaping), lectures and seminars."Chemistry", 2nd Year (specialty 091 "Biology") lectures and laboratory classes (2024-2025)."Medical chemistry", 1st Year (specialty 224 "Technology of medical diagnostics and treatment"), laboratory classes (2016-2025)."Laboratory Workshop on Biochemistry, 4th year (P. 4. Molecular bases of enzymes action), (2012-2017)."Biochemistry", 2nd-3rd years, (2012-2014, 2016-2017)."Bioorganic chemistry", 1st-2nd years, (2012-2017), laboratory and seminar classes. <p>MSc</p> <ol style="list-style-type: none">"Professional and corporate ethics", 1st Year (specialitys: 091 "Biology and Biochemistry", 101 "Ecology", 162 "Biotechnology and bioengineering"), lectures and seminar classes.

SCIENTIFIC AND PEDAGOGICAL EXPERIENCE

Period	Description
2025 - present	Professor of the Department of Microbiology and Immunology
	ESC "Institute of Biology and Medicine", Taras Shevchenko National University of Kyiv, 64/13 Volodymyrska st, Kyiv, 01601, Ukraine, http:knu.ua
	Scientific and pedagogical work
	Scope of work Education/Science
2021 - 2025	Deputy Director for Research
	ESC "Institute of Biology and Medicine", Taras Shevchenko National University of Kyiv, 64/13 Volodymyrska st, Kyiv, 01601, Ukraine, http:knu.ua
	Scientific and pedagogical work
	Scope of work Education/Science
2021 - 2025	Professor of the Department of Biochemistry (Part-time position)
	ESC "Institute of Biology and Medicine", Taras Shevchenko National University of Kyiv, 64/13 Volodymyrska st, Kyiv, 01601, Ukraine, http:knu.ua
	Scientific and pedagogical work
	Scope of work Education/Science
2016 - 2021	Associate Professor, Biochemistry Department (Part-time position)
	ESC "Institute of Biology and Medicine", Taras Shevchenko National University of Kyiv, 64/13 Volodymyrska st, Kyiv, 01601, Ukraine, http:knu.ua
	Scientific and pedagogical work
	Scope of work Education/Science
2014 - 2021	Deputy director for scientific and educational work
	ESC "Institute of Biology and Medicine", Taras Shevchenko National University of Kyiv, 64/13 Volodymyrska st, Kyiv, 01601, Ukraine, http:knu.ua
	Scientific and pedagogical work
	Scope of work Education/Science
2012 - 2016	Assistant Professor Biochemistry Department
	ESC "Institute of Biology and Medicine", Taras Shevchenko National University of Kyiv, 64/13 Volodymyrska st, Kyiv, 01601, Ukraine, http:knu.ua
	Scientific and pedagogical work
	Scope of work Education/Science
2011 - 2014	Deputy Director for Educational Work
	ESC "Institute of Biology and Medicine", Taras Shevchenko National University of Kyiv, 64/13 Volodymyrska st, Kyiv, 01601, Ukraine, http:knu.ua
	Scientific and pedagogical work
	Scope of work Education/Science
2010 - 2011	Engineer (1st category), junior researcher
	ESC "Institute of Biology and Medicine", Taras Shevchenko National University of Kyiv, 64/13 Volodymyrska st, Kyiv, 01601, Ukraine, http:knu.ua
	Scientific work
	Scope of work Education/Science
2007-2010	PhD student, Biochemistry department
	ESC "Institute of Biology and Medicine" (former Biology Faculty), Taras Shevchenko National University of Kyiv, 64/13 Volodymyrska st, Kyiv, 01601, Ukraine, http:knu.ua
	Scientific work
	Scope of work Education/Science

EDUCATION AND INTERNSHIP

Period	Description
2001 - 2007	ESC "Institute of Biology and Medicine" (former Biology Faculty), Taras Shevchenko National University of Kyiv
	Obtained qualification – master's degree (specialty "microbiology and virology" qualification - immunologist).
01.09.2021 - 04.09.2021	European Accreditation Council for Continuing Medical Education (EACCME®), TURKEY
	The Sixth European Congress of Immunology, 1 European Continuing Medical Education Credits (ECMEC®s).

01.02.2021 - 12.03.2021	Company Stellar Biotic, NIWOT, CO USA THE INTERNSHIP INCLUDED OF TRAINING AND CONSULTATION WITH EXPERTS ALONG WITH SELF-STUDY ON THE TOPIC "NUTRITIONAL SUPPLEMENTS: PROBIOTICS, PREBIOTICS, METABIOTICS AND POSTBIOTICS", 6 ECTS Credits.
04.07.2022 - 10.08.2022	Technical University of Ilmenau, ILMENAU, GERMANY THE INTERNSHIP PROGRAM «NANOBIOMATERIALS FOR ADVANCED APPLICATIONS» OF ONLINE TRAINING, PRACTICAL CONSULTATION WITH EXPERTS AND INDEPENDENT WORK, 6 ECTS Credits.
25.11.2024 - 11.12.2024	Advanced training: Shupyk National Healthcare University of Ukraine, Kyiv, Ukraine "Ethical, legal and regulatory principles of conducting preclinical and clinical research", 3 ECTS credits
04.02.2025, 08.04.2025, 20.05.2025.	Webinars: R.E. Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology, National Academy of Sciences of Ukraine, Kyiv, Ukraine "Fundamental and Clinical Aspects of Drug Resistance in Oncology", "Modern Trends and Standards of Pathohistological Diagnosis of Malignant Neoplasms", "Immune System and Cancer: Battle for Life"
11.06.2025	Webinar: LLC "Standards, Technologies, Development", Kyiv, Ukraine "Ethical aspects of the use of laboratory animals in scientific research", 1.5 academic hours.
15.01.2025 - 30.06.2025	Advanced training: Vasyl Stefanyk Precarpathian National University, Ivano-Frankivsk, Ukraine Online course "Bioethics and Biosafety: Practical Aspects", 1 ECTS credit

PERSONAL SKILLS

Nomination	Level (Description)
Native language	Ukrainian
Foreign language	English
Computer skills	experienced user
Areas of professional interests	molecular and biochemical mechanisms of inflammation and tissue remodeling

ADDITIONAL INFORMATION

Nomination	(Description of publications, presentations, projects, conferences, seminars, titles of awards and prizes, membership in academies, professional and scientific associations, etc.)
Publications	<p>1. Omelianenko I, Kobyljak N, Falalyeyeva T, Seleznov O, Botsun P, Ostapchenko L, Korotkyi O, Domylivska L, Tsyryuk O, Mykhachyshyn G, Shapochka T and Sulaieva O. Immune cells in thyroid adenoma and carcinoma: uncovering a hidden value of assessing tumor-host interplay and its potential application in thyroid cytopathology. <i>Front. Mol. Biosci.</i>, 2025; 12:1542821. https://doi.org/10.3389/fmolb.2025.1542821 (Web of Science; Impact Factor 3,9; JCR- Q1; Scopus; CiteScore 7,2; SJR- Q1).</p> <p>2. Tetyana Falalyeyeva, Nazarii Kobyljak, Oleksandr Korotkyi et al. Microbiome and Obesity. <i>Microbiome in 3P Medicine Strategies: The First Exploitation Guide. Advances in Predictive, Preventive and Personalised Medicine.</i> Springer, Cham. 2023; vol 16. https://doi.org/10.1007/978-3-031-19564-8_5 (Scopus).</p> <p>3. Penchuk Y, Savytska M, Kobyljak N, Ostapchenko D, Kolodiy I, Onysenko S, Tsyryuk O, Korotkyi O, Grygoriev F and Falalyeyeva T. Antimicrobial activity of dietary supplements based on bacterial lysate of <i>Lactobacillus rhamnosus</i> DV. <i>Front. Cell. Infect. Microbiol.</i> 2023; 13:1211952. https://doi.org/10.3389/fcimb.2023.1211952 (Web of Science; Impact Factor 5,7; JCR- Q1; Scopus; CiteScore 6,4; SJR- Q1).</p> <p>4. Korotkyi O., Huet A., Dvorshchenko K., Kobyljak N., Falalyeyeva T., Ostapchenko L. Probiotic composition and chondroitin sulfate regulate TLR-2/4-mediated NF-κB inflammatory pathway and cartilage metabolism in experimental osteoarthritis. <i>Probiotics Antimicrob Proteins.</i> 2021. Vol. 13, Issue 4. pp. 1018-1032. https://doi.org/10.1007/s12602-020-09735-7 (Web of Science; Impact Factor 4,609; JCR- Q2; Scopus; CiteScore 5,8; SJR- Q3).</p> <p>5. Korotkyi O., Kyriachenko Y., Kobyljak N., Falalyeyeva T. & Ostapchenko L. Crosstalk between gut microbiota and osteoarthritis: A critical view. <i>Journal of Functional Foods.</i> 2020. Vol. 68, 103904. https://doi.org/10.1016/j.jff.2020.103904 (Web of Science; Impact Factor 4,451; JCR- Q1; Scopus; CiteScore 6,8; SJR- Q1).</p>
Conferences	<ul style="list-style-type: none"> - Chondroitin sulfate and probiotic prevent the development of intestinal dysbiosis in osteoarthritis. 55th Annual Scientific Meeting of the European Society for Clinical Investigation, Online Event, June 9th-11th, 2021. <i>European Journal of Clinical Investigation.</i> 2021. Vol. 51, № S1. P. 151. Web of Science; JCR - Q1. - Effect of probiotic on TLR-2, TLR-4 and NF-κB expression in the knee joint cartilage of rats with osteoarthritis. The 6th European Congress of Immunology, Virtual meeting, 1-4 September 2021. <i>European Journal of Immunology.</i> 2021. Vol. 51, № S1. P. 331. Web of Science; JCR – Q2. - The combined effect of probiotic and chondro-protector on genes expression Ptg2, Tgfb1 and Col2a1 in the cartilage of rats with moniodoacetate-induced osteoarthritis. The 43rd FEBS Congress, 7-12 July 2018; Prague, Czech Republic. <i>FEBS OPEN BIO.</i> 2018; 8(1): 249. Web of Science; JCR – Q2.
Certifications	INTRODUCTION INTO BIOSAFETY, BIOSECURITY AND DUAL-USE CONCERNS IN BIOTECHNOLOGY (EU CBRN CoE Project18, Organized by Palladin Institute of Biochemistry of the National Academy of Science of Ukraine and Ukrainian Biosafety Association, April 25th, 2014, Kyiv, Ukraine).
Membership in organizations	European Society for Clinical Investigation, Ukrainian Society of Immunology, Allergy and Immunorehabilitation (European Federation of Immunological Societies), Ukrainian Biochemical Society (The Federation of European biochemical societies), S. M. Vynohradskiy Society of Microbiologists of Ukraine (Federation of European Microbiological Societies), Specialized Scientific Council D26.001.24 of Taras Shevchenko National University of Kyiv, Section "Biology, Biotechnology, Medicine and Rehabilitation" of the Scientific Council of the Ministry of Education and Science of Ukraine by thematic areas.