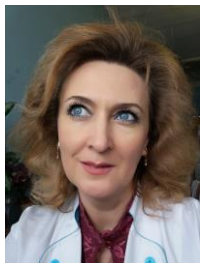




Curriculum Vitae

Serhiichuk Tetiana



Serhiichuk Tetiana

64/13, Volodymyrska Street, City of Kyiv, Ukraine, 01601

5213231

stm1972@ucr.net

Gender F | Date of Birth 09/06/1972 | Citizenship Ukraine

Academic degree (degree, speciality)	PhD, microbiology
Academic rank	Senior Researcher
Position	associate professor
Department	Microbiology and Immunology
Faculty/Institute	ESC "Institute of Biology and Medicine"
Part-time position	

TEACHING:

In the current year	1. general microbiology, bachelor (2-rd year), lectures, lab work. 2. agricultural microbiology, bachelor (4-th year), lectures, lab work. 3 cytology of microorganisms, bachelor (3-th year), lectures, lab work. 4. bacterial systematization, bachelor (4-th year), lectures, lab work. 5. microecology of people, master (2- th year), lectures, lab work. 6. Antibiotics – 2nd year of master's degree, lectures, laboratory classes. 7. Microbiology, immunology, virology – 2nd year (medicine)
In previous years	1. general microbiology, bachelor (2-rd year), lectures, lab work. 2. cytology of microorganisms, bachelor (3-th year), lectures, lab work. 3. soil microbiology, bachelor (4-th year), lectures, lab work. 4. bacterial systematization, bachelor (4-th year), lectures, lab work. 5. microecology of people, master (2- th year), lectures, lab work. 6. probiotic preparations, master (2- th year), lectures, lab work. 7. Soil science and soil microbiology, bachelor (forestry) (3-th year), lectures, lab work.

SCIENTIFIC AND TEACHING EXPERIENCE

Period	Description
From 2011 to the present	Position associate professor
	Taras Shevchenko National University of Kyiv, ESC "Institute of Biology and Medicine", Department of Microbiology and Immunology, 64/13, Volodymyrska Street, City of Kyiv, Ukraine, 01601
	Field of activity education
From 2008 to 2011	Position professor assistant
	Taras Shevchenko National University of Kyiv, ESC "Institute of Biology and Medicine", Department of Microbiology and Immunology, 64/13, Volodymyrska Street, City of Kyiv, Ukraine, 01601
	Field of activity education
From 2007 to 2008	Position head of laboratory
	Taras Shevchenko National University of Kyiv, Department of Biology, Department of Microbiology and Immunology, 64/13, Volodymyrska Street, City of Kyiv, Ukraine, 01601
	Field of activity science
From 2006 to 2007	Position Senior Researcher
	Taras Shevchenko National University of Kyiv,, Department of Biology , Department of Microbiology and Immunology, 64/13, Volodymyrska Street, City of Kyiv, Ukraine, 01601
	Field of activity science
From 2001 to 2006	Position Researcher
	Taras Shevchenko National University of Kyiv,, Department of Biology , Department of Microbiology and Immunology, 64/13, Volodymyrska Street, City of Kyiv, Ukraine, 01601
	Field of activity science
From 2000 to 2001	Position junior research fellow
	Taras Shevchenko National University of Kyiv,, Department of Biology , Department of Microbiology and Immunology, 64/13, Volodymyrska Street, City of Kyiv, Ukraine, 01601
	Field of activity science

EDUCATION AND TRAINING

Period	Description
From 1994 to 2000	Taras Shevchenko National University of Kyiv, Ukraine
	Qualification: PhD, microbiology " Influence of the macroorganism and chemotherapeutic preparations on biological characteristics of biosporin and subalin
From 1989 to 1994	Taras Shevchenko Kyiv State University, Kyiv, Ukraine
	Qualification: Biologist-Immunologist, Teacher of Biology and/or Chemistry, specialist

PERSONAL SKILLS AND COMPETENCES

Item	Level
Language Proficiency	
Ukrainian	Native language
Social/Communication Skills and Competences	Communication skills were acquired during the work at the Department of Microbiology and Immunology of ESC "Institute of Biology and Medicine" of Taras Shevchenko National University of Kyiv
Organizational/Manager Skills and Competences	I held the position of the head of the research laboratory of Emicrobiological and Immunological Problems of Biotechnology "(7 persons) I am the head of the research group for students
Computer Skills and Competences	Experienced user. Good knowledge of MS Windows; good knowledge of web browsers (Opera, Mozilla Firefox, Google Chrome, Internet Explorer) and e-mail applications (Outlook Express, Bat); knowledge of graphic editors (Corel Draw); good command of MS Office Tools (Excel, Power Point, Word).
Methodological and Technical Expertise	modern and classical methods of microbiological research
Range of Professional Interests	The influence of various pathologies (epilepsy, Parkinson's disease, hyperoxaluria) on the composition and functional activity of the intestinal microbiota. Selection of schemes and methods for correction and prevention of these pathologies.

ADDITIONAL INFORMATION

Item	(titles of publications, presentations, projects, conferences, seminars, awards and prizes, membership in academies, professional and scientific associations, etc)
Publications	1. Dovhyi, R., Rudyk, M., Hurmach, Ye., Serhiichuk, T., Yumyna, Yu., Dvukhriadkina, A., Ostrovska, K., Pjanova, D., Skivka L. (2024) Polarized activation of human peripheral blood phagocytes by bacteriophage-derived double-stranded RNA (Larifan) in vitro. <i>Biotechnologia Acta</i>; 16 (6), 69-75. https://doi.org/10.15407/biotech16.06.069 2. Rudyk M., Hurmach Y., Serhiichuk T., Akulenko I., Skivka L., Berehova T., Ostapchenko L. Multi-probiotic consumption sex-dependently interferes with MSG-induced obesity and concomitant phagocyte pro-inflammatory polarization in rats: Food for thought about personalized nutrition.. <i>Heliyon</i>. February 01, 2023. DOI: https://doi.org/10.1016/j.heliyon.2023.e13381 (Scopus) 3. Tolstanova, G., Akulenko, I., Serhiichuk, T., Dovbynchuk, T., Stepanova, N. (2023). Pro-Pre- and Synbiotic Supplementation and Oxalate Homeostasis in 3 PM Context: Focus on Microbiota Oxalate-Degrading Activity. In: Boyko, N., Golubnitschaja, O. (eds) <i>Microbiome in 3P Medicine Strategies. Advances in Predictive, Preventive and Personalised Medicine</i>, vol 16. Springer, Cham. DOI: https://doi.org/10.1007/978-3-031-19564-8_12 4. Microbiology. Volume 1 (Volume 2): textbook / Sergiychuk MG, Skivka LM, Sergiychuk TM etc. - K. IE Maslakov, 2020. - 500 s (348p.) 5. Probiotics on the guard of intestinal disorders caused by the use of antibiotics: a monograph / GM Tolstanova, LV Zakordonets, OV Zholos, TM Sergiychuk and others. - Lviv: Publisher Marchenko TV, 2020. - 160 p 6. Stepanova, N., Akulenko, I., Serhiichuk, T. et al. Synbiotic supplementation and oxalate homeostasis in rats: focus on microbiota oxalate-degrading activity. <i>Urolithiasis</i> 50, 249–258 (2022). 7. Akulenko I., Tolstanova G., Stepanova N., Sergeiychuk T. et al. Ceftriaxone-induced disruption of oxalate homeostasis is associated with total fecal microbiota oxalate-degrading activity but not with the numbers of oxalate-degrading bacteria in the experimental rats. <i>EUROPEAN UROLOGY</i>. - : 2021. Volume: 79 Pages: S325-S32 8. O.H. Korotkyi, T.V. Luhovska, T.M. Serhiychuk, K.O. Dvorshchenko, T.M. Falalyeyeva, L.I. Ostapchenko. The Gut Microbiota of Rats under Experimental Osteoarthritis and Administration of Chondroitin Sulfate and Probiotic. <i>Mikrobiol. Z.</i> 2020; 82(6):64-73. 9. Akulenko I., Skovorodka M., Serhiichuk T., Tolstanova G. The oxalatedegrading activity of <i>Lactobacillus</i> spp. isolated from different sources as the potential probiotic modulators for oxalate homeostasis. <i>Journal of Microbiology and Experimentation</i>. 2020;N98 (3);118-123 10. Yuliia Holota 1, Taisa Dovbynchuk 1, Izumi Kaji 2, Igor Vareniuk 1, Natalia Dzyubenko 1, Tetiana Chervinska 1, Liudmyla Zakordonets 3, Viktoria Stetska 1, Liudmyla Ostapchenko 1, Tetiana Serhiychuk 1, Ganna Tolstanova. The long-term consequences of antibiotic therapy: Role of colonic short-chain fatty acids (SCFA) system and intestinal barrier integrity. August 2019. <i>PLoS ONE</i> 14(8):e0220642 DOI:10.1371/journal.pone.0220642
Projects	
Conferences	1. Akulenko I., Sumarokova G, Serhiychuk T., Zaporozhets O., Stepanova N., Tolstanova G. Dynamic changes of oxalate-degrading activity of fecal microbiota in rats after ceftriaxone treatment. <i>UEG Week, October 19-23, Barcelona, Spain, 2019. United European Gastroenterology Journal, Volume 7 Issue 8 (Supplement)</i>, p. 930. 2. Dzyubenko NV, Dovbynchuk TV, Sergiychuk TM et al. The early non-motor symptoms in rats with lps-model of parkinson's disease/ <i>International Conference of Cell Biology – 2019.</i> p.187 3. Y. Holota, V. Stetska, T. Dovbynchuk, T. Serhiychuk and G. Tolstanova. The intestinal epithelial barrier dysfunction long-term after ceftriaxone administration /<i>Future physiology</i> 13 - 14 December 2017 University of Leeds, UK. P.99-100 4. Varenyuk IM, Dzyubenko NV, Dovbynchuk TV. The long-term consequences of antibiotic therapy: role of colonic short-chain fatty acids (SCFA) system and intestinal barrier integrity. / <i>Medical and clinical chemistry</i> - 2019 v.21 v.80 p.173 5. Akulenko I., Tolstanova G., Stepanova N., Sergeiychuk T. et al. Ceftriaxone-induced disruption of oxalate homeostasis is associated with total fecal microbiota oxalate-degrading activity but not with the numbers of oxalate-degrading bacteria in the experimental rats. <i>EUROPEAN UROLOGY</i>. - : JUN 2021. Volume: 79 Pages: S325-S326

Awards and Prizes	
Membership	S.M. Vinogradsky Society of Microbiologists of Ukraine
Certificate	Kyiv National University named after Taras Shevchenko, certificate, advanced training course under the program "Psychological-pedagogical support of psychological competence of higher education specialists", Institute of Postgraduate Education 09.10-09.31.2023, total volume 30 hours, 1 ECTS credit platform of massive open online courses Prometheus "Strengthening teaching and organizational management in universities", CERTIFICATE Issued on 06.08.2024 https://certs.prometheus.org.ua/cert/de6902ab1ee54f49b4509258aba12035 platform of mass open online courses Prometheus "Educational tools of critical thinking" Form of education - distance learning. Issued on August 11, 2024. Number of hours - 60 hours (2 ECTS credits) https://certs.prometheus.org.ua/cert/76edfc36fc5842688fb0a091dafac826 Prometheus platform of massive open online courses The science of education: What an educational startup leader should know Published on 08/20/2024. The form of education is distance learning. Number of hours - 60 hours (2 ECTS credits) https://certs.prometheus.org.ua/cert/f6357eb845ee4ab7a5b11da0e185e893 Prometheus platform of massive open online courses Academic integrity: an online course for teachers Issued on 04.08.2024 The form of education is distance learning. Number of hours - 60 hours (2 ECTS credits). https://certs.prometheus.org.ua/cert/9da9d61389624a4090bbb3bdf72012b8