



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	<ol style="list-style-type: none"> 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.
In previous years	<ol style="list-style-type: none"> 1. general microbiology, bachelor (2-rd year), lectures, lab work. 2. general microbiology, bachelor (2-rd year), lectures (Russian language of instruction) 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	<p>Position <u>associate professor</u></p> <p>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</p>

	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
Russian	C1/C2
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	<ol style="list-style-type: none"> 1. 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.. Heliyon. February 01, 2023. DOI: https://doi.org/10.1016/j.heliyon.2023.e13381 (Scopus) 2. 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) Microbiome in 3P Medicine Strategies. Advances in Predictive, Preventive and Personalised Medicine, vol 16. Springer, Cham. DOI: https://doi.org/10.1007/978-3-031-19564-8_12 3. Microbiology. Volume 1 (Volume 2): textbook / Sergiychuk MG, Skivka LM, Sergiychuk TM etc. - K. IE Maslakov, 2020. - 500 s (348p.) 4. 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 5. Stepanova, N., Akulenko, I., Serhiichuk, T. et al. Synbiotic supplementation and oxalate homeostasis in rats: focus on microbiota oxalate-degrading activity. Urolithiasis 50, 249–258 (2022). 6. 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. EUROPEAN UROLOGY. - : 2021. Volume: 79 Pages: S325-S32 7. 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. Mikrobiol. Z. 2020; 82(6):64-73. 8. Akulenko I., Skovorodka M., Serhiichuk T., Tolstanova G. The oxalatedegrading activity of Lactobacillus spp. isolated from different sources as the potential probiotic modulators for oxalate homeostasis. Journal of Microbiology and Experimentation. 2020;№8 (3);118-123 9. 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. PLoS ONE 14(8):e0220642 DOI:10.1371/journal.pone.0220642
Projects	
Conferences	<ol style="list-style-type: none"> 1. Akulenko I., Sumarokova G, Serhiichuk T., Zaporozhets O., Stepanova N., Tolstanova G. Dynamic changes of oxalate-degrading activity of fecal microbiota in rats after ceftriaxone treatment. UEG Week, October 19-23, Barcelona, Spain, 2019. United European Gastroenterology Journal, Volume 7 Issue 8 (Supplement), p. 930. 2. Dzyubenko NV, Dovbinchuk TV, Sergiychuk TM at all .The early non-motor symptoms in rats with lps-model of parkinson’s disease/ International Conference of Cell Biology – 2019.- p.187 3. Y. Holota, V. Stetska, T. Dovbynchuk, T. Serhiychuk and G. Tolstanova. The intestinal epithelial barrier dysfunction long-term after ceftriaxone administration /Future physiology 13 - 14 December 2017 University of Leeds, UK. P.99-100 4. Varenyuk IM, Dzyubenko NV, Dovbinchuk TV. The long-term consequences of antibiotictherapy: role of colonic short-chain fatty acids (SCFA) system and intestinal barrier integrity. / Medical and clinical chemistry - 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. EUROPEAN UROLOGY. - : JUN 2021. Volume: 79 Pages: S325-S326
Awards and Prizes	
Membership	S.M. Vinogradsky Society of Microbiologists of Ukraine