



Curriculum Vitae

Nurishchenko N.E.

PERSONAL INFORMATION



Nataliya E. Nurishchenko

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Sex F | Data of Birth 02/02/1957 | Citizenship Ukraine

Research degree (degree, speciality)	2005 – Doctor of Biological Sciences (03.00.02 - Biophysics) 1986 – Candidate of Biological Sciences (14.03.06 - Pharmacology)
Title	1993 – Senior Research Scientist (Biophysics) (Higher Attestation Commission of Ukraine)
Current post	Associate Professor
Department	Department of Biophysics and Medical Informatics
Faculty/Institute	Educational and Scientific Centre "Institute of Biology and Medicine", Taras Shevchenko National University of Kyiv
Part-time position	

Academic disciplines, which have been taught:

Current year 2020-2021	<ol style="list-style-type: none"> 1. Biophysics (3rd Year BSc); 2. Methodology and organization of scientific researches with the basics of intellectual property (1st Year MSc); 3. Biophysical principles of cellular processes regulation (4th Year BSc); 4. Biophysical mechanisms of cell damage (4th Year BSc); 5. Medical informatics and the fundamentals of statistics (1st Year MSc, Medicine)
Previous periods	<ol style="list-style-type: none"> 1. Radiobiology (3rd Year BSc); 2. Mechanisms of intercellular communications (1st Year MSc); 3. Contact and distant intercellular interactions (2nd Year MSc); 4. Mechanisms of development of pathological conditions (2nd Year MSc). 5. Biophysics of nucleic acids (1st Year MSc)

RESEARCH AND TEACHING EXPERIENCE

Period	Stage (description)
(2018 - present)	Post <u>Associate Professor of the Department of Biophysics and Medical Informatics Taras Shevchenko National University of Kyiv</u> 64/13, Volodymyrska Street, Kyiv, Ukraine, 01601, web page: http://www.univ.kiev.ua Area of work or sector Education/Research
(2007 - 2018)	Post <u>Head of Department of Biophysics, Professor of the Department of Biophysics</u> 64/13, Volodymyrska Street, Kyiv, Ukraine, 01601, web page: http://www.univ.kiev.ua Area of work or sector Education/Research
(2004 - 2006)	Post <u>Senior Research Scientist of Section of Biophysics</u> 64/13, Volodymyrska Street, Kyiv, Ukraine, 01601, web page: http://www.univ.kiev.ua Area of work or sector Education/Research
(2000 - 2004)	Post <u>Doctorant of the Department of Biophysics</u> 64/13, Volodymyrska Street, Kyiv, Ukraine, 01601, web page: http://www.univ.kiev.ua Area of work or sector Education/Research
(1988 - 2000)	Post <u>Senior Research Scientist and Leading Research Scientist of Laboratory of Biophysics</u> A.I. Kolomyichenko Institute of Otolaryngology of the National Academy of Medical Sciences of Ukraine http://www.iol.com.ua/

Area of work or sector Education/Research

EDUCATION AND INTERNSHIP

Period	Stage (description)
1974 - 1979	T.G. Shevchenko Kyiv State University Qualification "Biologist-biophysicist, teacher of biology and chemistry"
2000 - 2004	Taras Shevchenko National University of Kyiv Research degree: Doctor of Biological Sciences
2002-2003	Post-doctoral internship at the Patras University (Greece), 2002-2003 certificate 14210 dated 01.11.2003
2020 -2021	Advanced training in the Institute of Biochemistry of the National Academy of Sciences of Ukraine, 2020 Advanced training and development of pedagogical competencies of teachers "KNU Teach Week" , 2021

PERSONAL COMPETENCIES

Name	Level (description)
Native language	Ukrainian
Foreign language 1	English (B2)
Foreign language 2	Russian (fluent)
Foreign language 3	Greek (B1)
Communication competence	Communication skills were obtained while working in different positions.
Organisational/management competence	Organization of the research work of the Department of Biophysics, students and postgraduate students.
Computer competencies	Professional user of MS Office, Libre Office, Origin (OriginLab).
Areas of professional interests	Biophysics, Physiology, Molecular Biology, Biomedical informatics, Biomedicine.

ADDITIONAL INFORMATION	
Name	(titles of publications, presentations, projects, conferences, seminars, distinctions, membership in Academies, professional and scientific associations etc)
Publications	<p>In total, more than 100 publications. Main publications:</p> <ol style="list-style-type: none"> 1. Ноздренко Д.Н., Матвиенко Т.Ю., Выговская О.В., Сорока В.Н., Богуцкая Е.И., Нурищенко Н.Е., Прилуцкий Ю.И., Жолос А.В. (2020). Активация рецептора холода и ментола TRPM8 улучшает посттравматическое восстановление muscle soleus крысы при фуллереновой терапии. Наносистемы, наноматериалы, нанотехнологии 18(1), 205-216. DOI журналу: https://doi.org/10.15407/nnn 2. Nozdrenko, N., Bogutska, K.I., Artemenko, O.Yu., Nurishchenko, N.Ye., Prylutsky, Yu.I. (2018). Impact of Water-Soluble C60 Fullerenes on the Mechanokinetic Features of Formation of a Smooth Tetanic Contraction of Ischemic Skeletal Muscle of Rats. Nanosistemi, Nanomateriali, Nanotehnologii 16 (4), 745-755. https://doi.org/10.15407/nnn.16.04.745 3. D. O. Zavodovskiy, S. Yu. Zay, T. Yu. Matvienko, Yu. I. Prylutsky, N. Y. Nurishchenko, S. S. Paradizov, L. L. Bezu, U. Ritter, P. Scharff Influence of C60 fullerene on the ischemia-reperfusion injury in the skeletal muscle of rat limb: mechanokinetic and biochemical analysis //Ukr. Biochem. J., 2018.- Vol. 90.- N 6.-С. 70-81. 4. A. M. Naumenko, A. Yu. Nyporko, O. V. Tsybalyuk, N. Ye. Nuryshchenko, I. S. Voiteshenko, T. L. Davidovska Molecular docking of nanosized titanium dioxide material to the extracellular part of GABA_B-receptor // Біологічні Студії / Studia Biologica.-2016.-T.10.-№3-4.- С. 5-16. 5. Nurishchenko N.E. Effect of ultrasound on the interleukin content in blood of rats with experimental inflammation // Problems of Radiation Medicine and Radiobiology.- 2015.-. V 20. -P. 526–532. 6. Ю. В. Цейслер, О. М. Подпалова, Н. є. Нурищенко, В. С. Мартинюк АТРазна активність актоміозину скелетних м'язів та маркери ушкодження тканин у крові щурів в умовах тривалої хронічної алкоголізації // Український біохімічний журнал. – 2014.- Т. 86, № 5.- С. 56-64. 7. K. Andreichenko, O.V. Shelyuk, S.V. Prylutska, N.E. Nurishchenko, K.I. Bogutska, Yu.I. Prylutsky, U.Ritter, P.Scharff Effect of multi-walled iron-filled carbon nanotube on ATPase activity and superprecipitation of natural actomyosin // Mat.-wiss. U. Werkstoffech, 2013.- Vol. 44. - № 2-3. P. 1-4.
Presentations	Numerous presentations at scientific conferences and seminars
Research Symposia	A total of 50 abstracts at national and international scientific conferences
Membership	Ukrainian Biophysical Society P.G. Kostyuk Ukrainian Physiological Society