

**Форма  
надання інформації  
про кваліфікацію, наукові досягнення і досвід роботи (Curriculum Vitae)  
науково-педагогічних працівників  
Київського національного університету імені Тараса Шевченка**



## Curriculum Vitae

*Prysiazhniuk A.I.*

### PERSONAL INFORMATION

**Prysiazhniuk Alona Ihorivna**

03127, Akademika Hlushkova Avenue, 2, Educational and Scientific Center  
"Institute of Biology and Medicine" of Taras Shevchenko National University of  
Kyiv, the city of Kyiv,  
Ukraine



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[alona.prysiazhniuk@gmail.com](mailto:alona.prysiazhniuk@gmail.com)

Gender F | Date of birth 27.02.1991 | Citizenship Ukraine

Scientific degree (degree, specialization)	Candidate of Biological Sciences / Doctor of Philosophy (PhD) in Biology, 03.00.04 - Biochemistry
Academic rank	
Position	Assistant Professor (Division of Medicine)
Department	Fundamental Medicine
Faculty / institute	ESC "Institute of Biology and Medicine"
Part-time position	

### Educational Disciplines / subjects, which were taught by me:

In the current year	1. "Introduction to university project groups and the history of medicine", master, 1st course, lectures, seminars 2. «Biological and bioorganic chemistry», master, 1st course, lab. work 3. 'Life safety: fundamentals of bioethics and biosafety', master, 1st course, seminars 4. 'Deontology with the basics of professional and corporate ethics', master, 2nd course, lectures, seminars
In the previous periods	1. 'Occupational safety in the field', master, 2 <sup>nd</sup> course, seminars

### EXPERIENCE OF SCIENTIFIC AND SCIENTIFIC-EDUCATIONAL WORK

Period (starting from the last one)	Stage (description)
(From 12.2017 until now)	<b>Position</b> Assistant Professor at the Department of Fundamental Medicine (Division of Medicine)
	<b>Name of the organization</b> ESC “Institute of Biology and Medicine,” address (Kyiv, Hlushkova Ave., 2, <a href="http://biology.univ.kiev.ua/">http://biology.univ.kiev.ua/</a> )
	<b>Main activity and functional responsibilities</b>
	<b>Sphere of activity or sector</b> Education
(From 02.2014 till 10.2014)	<b>Position</b> Junior Scientist at the Thymistem project
	<b>Name of the organization</b> University ‘Ukraine’, address (Kyiv, Lvivska st., 23, <a href="http://vmurol.com.ua/">http://vmurol.com.ua/</a> )
	<b>Main activity and functional responsibilities</b>
	<b>Sphere of activity or sector</b> Science

## STUDYING AND INTERNSHIP

Period (starting from the last one)	Stage (description)
(2017)	Candidate of Biological Sciences / Doctor of Philosophy (PhD) in Biology in the specialty 03.00.04 – Biochemistry “The role of peripheral dopaminergic system in the pathogenesis of inflammatory bowel diseases”
(2013)	Master by Research Molecular Cell Biology, Nottingham Trent University, ‘Investigation in ‘Cronobacter sp. caused meningitis infection in neonate, fed by reconstituted powdered infant formulae’

## PERSONAL SKILLS

Name	Level (description)
Native language	Ukrainian, Russian
Foreign languages	English, advanced level; German, B1 level
Communicative competence	High level of communicative competences in different environments (student, scientific, company)
Organizational / managerial competence	Currently I am working as the Secretary of Fundamental Medicine Department. I am involved in organization of studying process. Also I have experience in managing lab work and work material supply. I have experience in the laboratory organization according to general laboratory standards.
Digital competencies	Information processing: High Communication: high Content creation (programs, sites): Network and program security: Problem-solving: high
Other computer skills	Experienced user. Good at using MS Office (Excel, Power Point, Word, WordPad), graphic editors (Picture Manager, CorelDRAW), e-mail (Outlook Express). Good at using various browsers (Opera, Firefox, Chrome, Internet Explorer). Operating systems Windows XP/7 and Mac OS 9.
Professional skills (not mentioned above)	Molecular biology techniques: DNA, RNA, plasmid DNA extraction; DNA purification; PCR; agarose gel electrophoresis; DNA sequencing and analysis; BOX-PCR; pulsed field gel electrophoresis (PFGE). • Cell culture techniques: extensive cell culture experience using thymus explants as the source of stem cells and epithelial cells. • Microbiology techniques: solid and liquid bacterial culturing, gram-staining; bacterial isolation; serum resistance, work experience in class II laboratory. • Biochemical and analytical techniques: Western blotting, buffer preparation, enzyme and protein assays; chromatography; spectrophotometry; titration. Bright field microscopy, confocal microscopy. • Software and bioinformatics skills: MiniTab 16; GraphPadPrism 6; Bionumerics; ImageStudioLite; DNA Dynamo; Gentle; GenBank, FASTA, BLAST search; CAP2 Assembly Programme, MLST online analysis ( <a href="http://www.mlst.net/misc/further.asp">www.mlst.net/misc/further.asp</a> ); CLUSTALW2.
Areas of professional interest	Biochemistry, molecular biology, microbiology

## ADDITIONAL INFORMATION

Name	(names of publications, presentations, projects, conferences, seminars, names of awards and prizes, membership in academies, professional and scientific associations, etc.)
Publications	<p>1. Prysiazhniuk A. The protective role of dopamine D3 receptors in pathogenesis of ulcerative colitis / Prysiazhniuk A., Dovbynychuk T., Kernychnyi V., Garmanchuk L., Szabo S., Tolstanova G. // International Medical Journal. -2020. -Vol. 25, No 11. - P. 3499-3510.</p> <p>2. A. Prysiazhniuk, Dovbynychuk T., Kopyak B., Kompanets I., G. Tolstanova. The role of central and peripheral D2R receptors in the mechanism of colonic vascular permeability during experimental colitis in rats // Bulletin of Taras Shevchenko National University of Kyiv, series 'Problems of physiologic functions'. -2017 –Vol. 1. -№22. –P. 47-51.</p> <p>3. A.I. Prysiazhniuk, M.P. Rudyk, T.M. Chervinska, T.V. Dovbynychuk, I.V. Opeida, L.M. Skivka. Role of peripheral dopaminergic system in the pathogenesis of experimental colitis in rats . UkrainianBiochemical Journal. 2017; 89(4): 56-67.</p> <p>4. Т.В. Ніколаснко, В.В. Нікуліна, Н.А. Петрук, А.І. Присяжнюк, О.В. Скачкова, М.М. Борова, Я.В. Пірко, Л.В. Гарманчук, Г.М. Толстанова, А.І. Ємець. Вплив на пухлинні клітини квантових точок сульфід кадмію, синтезованих з використанням різних біологічних систем // Доп. НАН України. -2016. -№5. –С. 117-124.</p> <p>5. А. Присяжнюк, К. Нестерук, Т. Червінська, Г. Толстанова. Експресія та локалізація D3-дофамінових рецепторів за умов експериментального виразкового коліту // Вісник Київського Національного Університету ім. Тараса Шевченка, серія “Проблеми регуляції фізіологічних функцій». -2015. -№19. –С. 10-13.</p> <p>6. Tolstanova G., Deng X., Ahluwalia A., Paunovic B., Prysiazhniuk A., Ostapchenko L., Tarnawski A., Sandor Z., Szabo S. Role of Dopamine and D2 Dopamine Receptor in the Pathogenesis of Inflammatory Bowel Disease // Digestive Diseases and Sciences. -2015. -Vol. 60. -№10. –P. 2963-2975.</p> <p>7. Prysiazhniuk A., Dziubenko N., Kernychnyi V., Szabo S., Tolstanova G. The role of D3-dopamine receptors in the ulcerative colitis pathogenesis // Book of abstracts of '9th International Symposium on Cell/Tissue Injury and Cytoprotection/Organoprotection', 15-17 September. –Cracow, 2016. -P. 45.</p> <p>8. Присяжнюк А., Дзюбенко Н., Толстанова Г. Стан дофамінергічної системи товстої кишки пацієнтів з рецидивуючим виразковим колітом // «Актуальні проблеми біохімії та біотехнології: Міжнародна наукова конференція-конкурс молодих вчених». -2016. –Київ, 2016. –С. 86.</p> <p>9. Tolstanova G., Chervinska T., Nesteruk K., Prysiazhniuk A., Dovbynychuk T., Kopyak B., Nurishenko N., Serhiychuk T., Garmanchuk L., Sagach V. The role of dopaminergic system in inflammatory bowel disease pathogenesis // 'Microbiology and Immunology – the development outlook in the 21st century'. -2016. –Kyiv, 2016. –P. 112-113.</p> <p>10. Присяжнюк А., Дзюбенко Н., Керничний В., Червінська Т., Толстанова Г. Роль D3-дофамінових рецепторів в патогенезі виразкового коліту // “Об’єднані наукою: перспективи міждисциплінарних досліджень”, 10-11 листопада. –Київ, 2016. –С. 44-45.</p> <p>11. Kernychnyi V., Dziubenko N., Prysiazhniuk A., Tolstanova G. Impaired Peripheral Dopaminergic System in Patients with Ulcerative Colitis // The FASEB Journal. – 2015. – Vol. 29. -№1. –Suppl. LB544.</p> <p>12. Присяжнюк А., Дзюбенко Н., Керничний В., Толстанова Г. Стан дофамінергічної системи товстої кишки пацієнтів з рецидивуючим виразковим колітом // Конференція молодих учених “Актуальні проблеми біохімії та біотехнології - 2015”, 23-24 квітня 2015 р. - м. Київ. –С. 55.</p> <p>13. A.I. Prysiazhniuk, O.V. Gorodna, V.V. Olefirenko, G.M. Tolstanova. The effects of luminescent cadmium sulphide (CdS) quantum dots on the stability of the genetic structure of higher plants in the Allium-test // 3rd International research and practise conference 'Nanotechnology and Nanomaterials Nano-2015', 26-20 August, 2015. –Lviv. – P. 23.</p> <p>14. Prysiazhniuk A., Sviatenko O., Shichkin V. Characterization of gamma-irradiated thymic cells population in long-term cytokine-free cultures // Book of abstracts 'Hydra X The European Summer School on Stem Cells and Regenerative Medicine'. - Greece, 2014. – P.40.</p>
Presentations	
Projects	
Conferences	
Seminars	
Awards	Scholarship from Ministry of Education of Ukraine (2012)

Membership in  
organizations

A member of British Physiological Society

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References

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Citation

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Courses	
Certificates	IELTS certificate from British Council, TOEFL certificate

#### ADDITIONAL INFORMATION

Name	References
Diplomas	
Certificates	
Publications	
Projects	
Research	

Голова Науково-методичної ради

В.А.Бугров