



Curriculum Vitae

Prylutska S.V.

Personal Information



Prof. Dr. Svitlana Prylutska

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Account (profile):

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<https://scholar.google.com/citations?hl=uk&user=NGqRABUAAAAJ>

Sex F | Date of birth 20/02/1977 | Citizenship Ukraine

Research degree (degree, speciality)	Doctor of Biological Sciences (03.00.20 - biotechnology)
Title	Professor
Current post	Professor
Department	Department of Biochemistry
Faculty/Institute	ESC "Institute of Biology and Medicine"

Academic disciplines, which have been taught:

Current year	1. Biochemical Mechanisms of Cell Damage 2. Marine Biotechnology 3. Modern Nanobiotechnologies
Previous periods	1. Biochemistry 2. Functional Biochemistry 3. Introduction to the Biotechnology 4. Cellular Bioenergetics 5. Biotechnology of Ecofriendly Food Products 6. Plant Biochemistry 7. Innovative Methods for Assessing Plant Health

RESEARCH AND TEACHING EXPERIENCE

Period	Stage (description)
From September 2026 to until	Professor of the Biochemistry Department ESC "Institute of Biology and Medicine"
	Taras Shevchenko National University of Kyiv, Volodymyrska Str., 64, 01601 Kyiv, Ukraine; http://www.univ.kiev.ua
	<i>Main type of activity and functional responsibilities:</i> teaching and research
	<i>Scope of activity:</i> nanobiotechnology, biochemistry, physiology, agrobiotechnology
From February 2021 to September 2026	Head of the Department of Plant Physiology, Biochemistry and Bioenergetics, Faculty of Plant Protection, Biotechnology and Ecology
	National University of Life and Environmental Sciences of Ukraine; Heroes of Defense, 15, 03041 Kyiv, Ukraine; https://nubip.edu.ua/
	<i>Main type of activity and functional responsibilities:</i> administration, teaching and research
	<i>Scope of activity:</i> Nanobiotechnology, Biochemistry, Physiology, Agrobiotechnology
From 2004 to 2021.	Leading engineer, III category engineer, II category engineer, I category engineer, junior researcher, researcher, senior researcher
	Department of Inorganic Chemistry, Faculty of Chemistry, Taras Shevchenko National University of Kyiv; Volodymyrska, 64, 01601 Kyiv, Ukraine; http://www.univ.kiev.ua

	<i>Main type of activity and functional responsibilities:</i> scientific research
	<i>Scope of activity:</i> Nanobiotechnologies, Biochemistry, Cell biology, Oncology, Toxicology

EDUCATION AND INTERNSHIP

Period	Stage (description)
2026	International research internship at the Department of Molecular Genomics and Functional Genomics of the Technical University of Applied Sciences in Wildau (Germany)
2025	International scientific and educational internship on academic exchange at Linyi University, International School of Bioresource Application of Linyi University (China)
2024	International scientific and educational internship on academic exchange at Linyi University, International School of Bioresource Application of Linyi University (China)
2022	International Internship "Multidisciplinary Approaches in Education and Research", Latvian University of Life Sciences and Technology (Latvia)
2026	International research internship at the Department of Molecular Genomics and Functional Genomics of the Technical University of Applied Sciences in Wildau (Germany)
2020	Doctoral dissertation (O.V. Palladin Institute of Biochemistry, NAS of Ukraine) "Development of technology for enhancing the antitumor activity of cisplatin using C ₆₀ fullerene", specialty – 03.00.20 – biotechnology
From 2002 to 2004	PhD students, Department of Biochemistry, Faculty of Biology, Taras Shevchenko National University of Kyiv, PhD thesis "Biochemical effects of C ₆₀ fullerenes and C ₆₀ composites in cells of different types", specialty - 03.00.04 - biochemistry
From 1997 to 2002	Student, Taras Shevchenko National University of Kyiv, Faculty of Biology. Received qualification as a biologist-biochemist, biology teacher (diploma with honors)

PERSONAL COMPETENCIES

Name	Level (description)
Native language	Ukrainian
Foreign language 1	English (B2)
Foreign language 2	Deutsch (A2)
Organizational/managerial competence	Supervision of PhD students, Bachelor and Master students, fundamental project of the Ministry of Education and Science of Ukraine (2022-2025), member of the Scientific and Methodological Council, head of the Department of the Faculty of Plant Protection, Biotechnology and Ecology of NULES of Ukraine, guarantor of the accredited ESP Biotechnology of Biotechnological Systems of NULES of Ukraine
Digital competences	Information processing: high level
Computer skills	Experienced user. Good command of MS Office, graphic editors, browsers (Opera, Firefox, Chrome, Internet Explorer). Skills in working with the Windows operating system
Professional skills (not listed above)	Biochemical, biophysical, physiological methods, cell cultivation methods (2-D and 3-D cultures), confocal microscopy, flow cytometry
Areas of professional interests	Nanobiotechnology, Agrotechnology, Biochemistry, Cell culture

ADDITIONAL INFORMATION

Name	
Publications	Monographs: 10; Publications in the refereed journals: 303; Publications in the Proceedings: 57; School-books: 10; Patents: 7 (124 in Scopus: https://www.scopus.com/authid/detail.uri?authorId=6507378333)
Projects	STCU grant (USA, European Union), SPS NATO grant (USA), BMBF grants (Germany), Ukrainian-Hungarian research grant of the Ministry of Education and Science of Ukraine, DFG grants (Germany), INTAS grant (European Union), DAAD scholarships (Germany), NFR grants of Ukraine, projects of the Ministry of Education and Science of Ukraine
Conferences	Ukrainian-German Symposium "Physics and Chemistry of Nanostructures and Nanobiotechnologies", Ukrainian-French Schools "Carbon Nanomaterials: Structure and Properties"; German-Ukrainian DAAD Schools, Ukrainian Biochemical Congresses, Ukrainian Biophysical Congresses, FEBS Congresses, etc. Oral presentations: 25; Posters presentations: 55

Awards	2004 - Kyiv City Administration Award for Scientific Development 2011 - <i>Winner</i> of the All-Ukrainian Competition "Invention - 2010" in the field of "Medicine, Biotechnology, Agriculture" for the package of inventions <i>"Using nanotechnology for malignant neoplasms treatment"</i> 2011 - Award of the Cabinet of Ministers of Ukraine for special achievements of youth in the development of Ukraine 2013 - <i>Winner</i> of the All-Ukrainian Competition "Invention - 2012" (1 st place) for the invention <i>"Using pristine C₆₀ fullerenes as anticancer agents in the malignant neoplasms treatment"</i> 2013 – World Intellectual Property Organization (WIPO) Award for "the best inventor" 2014 – Taras Shevchenko Award of KNU <i>for Young Scientists</i> 2015 – Award of the Kostyuk Foundation for Young Scientists of Ukraine in the Field of Biomedical Research 2023 - O.V. Palladin Award of the National Academy of Sciences of Ukraine 2025 - Diploma of the Ministry of Education and Science of Ukraine
Membership	Since 2002 - Member of the Ukrainian Biochemical Society Since 2002 - Member of the Federation of European Biochemical Societies (FEBS)
References	https://www.scopus.com/authid/detail.uri?authorId=6507378333 https://orcid.org/0000-0001-5280-8341 https://scholar.google.com/citations?hl=uk&user=NGqRABUAAAAJ
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