



Curriculum Vitae

Prylutskyi Yu.I.

Personal Information



Prof. Dr. Yuriy Prylutskyi

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Sex M | Date of birth 25/05/1965 | Citizenship Ukraine

Research degree (degree, speciality)	Doctor of Sciences (Theoretical Physics)
Title	Professor of Biophysical Department
Current post	Professor
Department	Department of Biophysics and Medical Informatics
Faculty/Institute	ESC "Institute of Biology and Medicine"

Academic disciplines, which have been taught:

Current year	1. Computer Modeling in Biology 2. Statistical Methods in Biology 3. NanoBiology 4. Fundamentals of Nanobiotechnology
Previous periods	1. Medical and Biological Physics 2. Molecular Modeling and Design of Pharmacological Preparations

RESEARCH AND TEACHING EXPERIENCE

Period	Stage (description)
From October 1989 to June 2021	PhD student, Research Fellow, Assistant Professor (Vice-Dean), Doctorant, Associate Professor, Professor and Head of Laboratory (Faculty of Physics); Associate Professor and Professor (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, Biophysics, Computer modeling

EDUCATION AND INTERNSHIP

Period	Stage (description)
From 1982 to 1992 and from 1995 to 1998	Taras Shevchenko National University of Kyiv <i>Qualification:</i> Doctor of Sciences (Theoretical Physics); Title of thesis: Structure, Dynamics and Optical properties of fullerenes and fullerites C ₆₀ , C ₇₀
2008	Ilmenau Technical University, Ilmenau, Germany (Visiting Professor) <i>List of main courses or acquired skills:</i> Nanobiotechnology, Chemistry and Physics of Carbon Nanostructures
2014	Nicolaus Copernicus University, Torun, Poland (Visiting Professor) <i>List of main courses or acquired skills:</i> Chemistry and Physics of Carbon Nanostructures

PERSONAL COMPETENCIES

Name	Level (description)
Native language	Ukrainian
Foreign language 1	English (B2)
Foreign language 2	Deutsch (A2)
Organizational/managerial competence	<i>Supervisor of following scientific projects:</i> CR NATO grant (USA; 1999-2001), Ukrainian-Hungarian Joint Cooperation grant of NAS of Ukraine (2001-2003), STCU grant (USA, Germany; 2002-2005), CRDF grant (USA; 2005-2006), BMBF grant (Germany, 2007-2008; 2010-2013), Ukrainian-French „Dnipro” Program (2009-2010), NRFU (2020-2021), grant of Ministry of Education and Science of Ukraine (2021-2022) <i>Supervisor of 9 PhD students</i> by "Theoretical physics" (1), "Solid state physics" (2) „Biophysics" (5) and "Human and animal physiology" (1) specialty
Computer skills	Molecular dynamics and docking
Areas of professional interests	Nanobiotechnology, Biophysics, Physics of Nanomaterials, Molecular modeling

ADDITIONAL INFORMATION

Name	
Publications	Monographs: 15; Publications in the refereed journals: 381; Publications in the Proceedings: 60; School-books: 14; Patents: 15 (https://www.scopus.com/authid/detail.uri?authorId=35585493200)
Projects	STCU (USA, EU), SPS NATO (USA), Ukrainian-Polish Joint Cooperation grant of NAS of Ukraine, BMBF (Germany), Ukrainian-French „Dnipro” Program, ECO-NET (France), Alsace/Russie-Ukraine grant (France), Ukrainian-Belarusian SFFS grant of Ministry of Education and Science of Ukraine, Ukrainian-Hungarian Joint Cooperation grant of Ministry of Education and Science of Ukraine, Ukrainian-Lithuanian Joint Cooperation grant of Ministry of Education and Science of Ukraine, DFG (Germany), INTAS (EU), DAAD Scholarship (Germany), NRF of Ukraine, grant of Ministry of Education and Science of Ukraine
Conferences	Founder and organizer of regular (1) Ukrainian-German Symposium on Physics Chemistry of Nanostructures and on Nanobiotechnology (Kyiv, 2006; Essen, Crimea, 2010; Ilmenau, 2012; Kyiv, 2015) and (2) Ukrainian-French School-Seminar “Nanostructures and properties” (Crimea, 2009 and 2013; Kyiv, 2017); (3) German-Ukrainian DAAD schools (3) “Supporting Democracy in Ukraine” (Kyiv, 2015) and (4) “Lessons from Nanotechnology and Artificial Intelligence” (Kyiv, 2021). Oral presentation: 43; Poster presentation: 118

Awards	<p>1997 - Taras Shevchenko Award of KNU <i>for Young Scientists</i></p> <p>2005 – Diploma of Ministry of Education and Science of Ukraine for "<i>the personal contribution to development of the international scientific and technical collaboration and high professionalism</i>"</p> <p>2006 – Yaroslav Mudryy Award of Ukrainian Higher Education Academy of Sciences <i>in the Science and Technology Field</i></p> <p>2008 - Honors of Ministry of Education and Science of Ukraine "<i>Excellence in education of Ukraine</i>"</p> <p>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>"</p> <p>2013 - <i>Winner</i> of the All-Ukrainian Competition "Invention - 2012" (1st place) for the invention "<i>Using pristine C₆₀ fullerenes as anticancer agents in the malignant neoplasms treatment</i>"</p> <p>2013 – World Intellectual Property Organization (WIPO) Award for "<i>the best inventor</i>"</p> <p>2016 - Honors of Ministry of Education and Science of Ukraine "<i>For the scientific and educational achievements</i>"</p> <p>2018 – Award "People's Recognition for Ukrainian Scientists 1918-2018" (I category "Golden Fortune")</p> <p>2019 – Award of National Academy of Sciences of Ukraine "<i>For the professional achievements</i>"</p> <p>2020 - Award of Academic Council of Taras Shevchenko National University of Ukraine</p> <p>2020 - <i>Honoured Worker of Science and Technology of Ukraine</i></p> <p>2020 - <i>State Prize of Ukraine in the field of Science and Technology</i></p>
Membership	Membership of the Ukrainian Biophysical Society
References	<p>2103 according to Scopus: https://www.scopus.com/authid/detail.uri?authorId=35585493200</p>
Citation	<p>4396 according to Scopus: https://www.scopus.com/authid/detail.uri?authorId=35585493200</p>