

CURRICULUM VITAE

Prof. Dr. Svitlana Prylutska

Affiliation and official address:

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Date and place of birth: 20.02.1977, Vinnytsa region, Ukraine

Education

1997-2001 Bachelor (First Class Diploma, Biological Faculty, Dept. of Biochemistry, Taras Shevchenko National University of Kyiv (KNU))
2001-2002 Specialist (First Class Diploma, Biological Faculty, Dept. of Biochemistry, KNU)
2002-2004 Post-graduate student (Biological Faculty, Dept. of Biochemistry, KNU)
2008 Candidate of Sciences (Biochemistry), PhD
2020 Doctor of Sciences (Biotechnology), Dr. rer. nat. habil.

Career/Employment

2004-2007 Engineer (Faculty of Chemistry, Dept. of Inorganic Chemistry, KNU)
2007-2008 Leading Engineer (Faculty of Chemistry, Dept. of Inorganic Chemistry, KNU)
2008-2009 Junior Research Fellow (Faculty of Chemistry, Dept. of Inorganic Chemistry, KNU)
2009-2013 Research Fellow (Faculty of Chemistry, Dept. of Inorganic Chemistry, KNU)
2011-2016 Associate Professor (Dept. of Physiology, Biochemistry of Plants and Bioenergetics, National University of Life and Environmental Sciences of Ukraine; part time (50%))
2013 – 2020 Senior Research Fellow (Faculty of Chemistry, Dept. of Inorganic Chemistry, KNU)
2015 Senior Research Fellow certificate (Biochemistry)
2017 Associate Professor (Tavrida National V.I. Vernadsky University; part time (25%))
2021 - 2022 Associate Professor, Head of Dept. of Physiology, Biochemistry of Plants and Bioenergetics, National University of Life and Environmental Sciences of Ukraine
2022 Professor certificate (Biochemistry)
2022 – till now Professor, Head of Dept. of Physiology, Biochemistry of Plants and Bioenergetics, National University of Life and Environmental Sciences of Ukraine

Specialization

- (i) **main fields:** Biochemistry, Nanobiotechnology
- (ii) **other fields:** Biomaterials, Biophysics, Oncology
- (iii) **current research interest:** Biomedicine, Phytobiotechnology

Courses taught

- Biochemistry (basic course)
- Fundamentals of Nanobiotechnology
- Cellular Bioenergetics

Grants, Fellowships, Awards, Membership of Professional Societies

2002-2003 Leonhard-Euler DAAD Scholarship (*2 month Study Visit* to the Technical University of Ilmenau, Ilmenau, Germany; Chemical Laboratory of Prof. P. Scharff)

- 2002-2004 BMBF Grant (*Project Coordinator*: Prof. P. Scharff, Technical University of Ilmenau, Ilmenau, Germany; N Ukr 02-007)
- 2003-2005 SSTP Grant of Ministry of Education and Science of Ukraine (N DP/149-2003)
- 2005-2007 BMBF Grant (*Project Coordinator*: Prof. P. Scharff, Technical University of Ilmenau, Ilmenau, Germany; N Ukr 05-008)
- 2006-2007 INTAS Young Scientist Fellowship (*INTAS Supervisor*: Prof. P. Scharff, Technical University of Ilmenau, Ilmenau, Germany; N 05-109-4328)
- 2007-2008 Bilateral Ukrainian-Hungarian Grant (*Project Coordinator*: Dr. L. Rosta, Research Institute for Solid State Physics and Optics, Dept. of Neutron Spectroscopy, Budapest, Hungary)
- 2007-2008 BMBF Grant (*Project Coordinator*: Prof. P. Scharff, Technical University of Ilmenau, Ilmenau, Germany; N Ukr 07-003)
- 2010 DFG Grant (*3 month Study Visit* to the Technical University of Ilmenau, Ilmenau, Germany; Chemical Laboratory of Prof. P. Scharff)
- 2010 DAAD Scholarship (*3 month Study Visit* to the Technical University of Ilmenau, Institute of Chemistry and Biotechnology, Ilmenau, Germany; Laboratory of Prof. P. Scharff)
- 2010-2012 BMBF Grant (*Project Coordinator*: Prof. U. Ritter, Technical University of Ilmenau, Institute of Chemistry and Biotechnology, Ilmenau, Germany; N Ukr 10-012)
- 2012 Grant of Ministry of Education and Science of Ukraine (*3 month Study Visit* to the Technical University of Ilmenau, Institute of Chemistry and Biotechnology, Ilmenau, Germany; Laboratory of Prof. P. Scharff)
- 2014 DAAD Scholarship (*2 month Study Visit* to the Technical University of Ilmenau, Institute of Chemistry and Biotechnology, Ilmenau, Germany; Laboratory of Prof. U. Ritter)
- 2017-2019 Grant of STCU (*Project Coordinator*: Prof. E. Lacaze, Universite Pierre et Marie Curie, Paris, France; N 6256)
- 2019 DAAD Scholarship (*1 month Study Visit* to the Technical University of Ilmenau, Institute of Chemistry and Biotechnology, Ilmenau, Germany; Laboratory of Prof. U. Ritter and *1 month Study Visit* to the Technical University of Applied Sciences Wildau, Division Molecular Biotechnology and Functional Genomics, Wildau, Germany; Laboratory of Prof. M. Frohme)
- 2019 DFG grant (*Project Coordinator*: Prof. U. Ritter, Technical University of Ilmenau, Institute of Chemistry and Biotechnology, Ilmenau, Germany; N RI 966/18-1)
- 2020-2021 Grant of National Research Foundation of Ukraine (N 2020.01/0044)
- 2020-2021 Grant of National Research Foundation of Ukraine (N 2020.02/0060)
- 2021 DFG grant (*Project Coordinator*: Prof. U. Ritter, Technical University of Ilmenau, Institute of Chemistry and Biotechnology, Ilmenau, Germany; N RI 966/19-1)
- 2022 *2 month Study Visit* to the Technical University of Applied Sciences Wildau, Division Molecular Biotechnology and Functional Genomics, Wildau, Germany; Laboratory of Prof. M. Frohme
- 2023 ALLEA Scholarship (*4 month Study Visit* to the Technical University of Ilmenau, Institute of Chemistry and Biotechnology, Ilmenau, Germany; Laboratory of Prof. U. Ritter)
- 2004 The Kyiv City Administration Award *for the scientific progresses*
- 2011 *Winner* of the All-Ukrainian Competition "Invention-2010" in the field of "Medicine, Biotechnology, Agriculture" for package of inventions "*Using nanotechnology for malignant neoplasms treatment*"
- 2011 The Cabinet of Ministers of Ukraine Award *for outstanding achievements of young*

- scientists*
- 2013 *Winner of the All-Ukrainian Competition "Invention-2012" (1st place) for invention "Using pristine C₆₀ fullerenes as anticancer agents in the malignant neoplasms treatment"*
- 2013 *World Intellectual Property Organization (WIPO) Award for best inventor*
- 2014 *Taras Shevchenko Award of KNU for scientific achievements*
- 2015 *Kostyuk Foundation Award for outstanding achievements in the biomedical research field*
- 2023 *O.V. Palladin Award of the National Academy of Sciences of Ukraine for outstanding scientific works in the field of biochemistry and molecular biology*

2002 – till now Membership of the Ukrainian Biochemical Society

Publications

Monographs: **6**; Publications in refereed journals: **123**; Textbooks: **3**; Patents: **6**

Participation in the International conferences

Oral presentation: **23**; Poster presentation: **87**