

CURRICULUM VITAE
Prof. Dr. Valentyn A. Chebanov

PERSONAL:

Born: November 29, 1974; Kharkiv, Ukraine
Citizenship Ukraine
Affiliation (primary): State Scientific Institution "Institute for Single Crystals" of National Academy of Sciences of Ukraine (Nauky Ave. 60, Kharkiv, Ukraine, 61072)
Positions: First Deputy General Director; Director of Institute of Functional Materials Chemistry; Head of Department of Organic and Bioorganic Chemistry
Affiliation (secondary) V.N. Karazin Kharkiv National University (Svobody sq. 4, Kharkiv, Ukraine, 61077)
Position: Chair Professor of Department of Applied Chemistry
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EDUCATION AND ACADEMIC STATUSES:

Specialist (M.Sc.) with honor Chemistry, June 1996, Kharkiv State University
Candidate of Science (PhD) Organic Chemistry, February 2000, Karazin Kharkiv National University
Associate Professor Organic Chemistry, February 2005, SSI "Institute for Single Crystals" NASU
Doctor of Science (Habilitation) Organic Chemistry, November 2010, Karazin Kharkiv National University
Full Professor Organic Chemistry, September 2012, SSI "Institute for Single Crystals" NASU
Corresponding Member of National Academy of Sciences of Ukraine In Field of 'Microwave-assisted Organic Synthesis', March 2018, National Academy of Sciences of Ukraine

PROFESSIONAL CAREER:

August 1991 – July 1996 **Student**, Kharkiv State University (Since 1999 – Karazin Kharkiv National University)
November 1996 – November 1999 **Postgraduate Student**, Department of Organic Chemistry, Kharkiv State University
November 1999 – October 2000 **Junior Researcher**, Laboratory of Organic Chemistry at Department of Structural Chemistry, SSI "Institute for Single Crystals" NASU, Kharkiv
October 2000 – July 2001 **Postdoctoral study** at Karl-Franzens University of Graz, Austria (Prof. G. Kollenz)
July 2001 – July 2008 **Senior Researcher (Group Leader)**, Department of Heterocyclic Compounds Chemistry, SSI "Institute for Single Crystals" NASU, Kharkiv
July 2002 – December 2010 **Academic Secretary**, SSI "Institute for Single Crystals" NASU, Kharkiv
October 2005 – December 2005 **Guest Researcher**, Christian Doppler Laboratory for Microwave Chemistry and Institute of Chemistry, Karl-Franzens University of Graz, Austria (Prof. C.O. Kappe)
July 2006 – September 2006 **Guest Researcher**, Christian Doppler Laboratory for Microwave Chemistry and Institute of Chemistry, Karl-Franzens University of Graz, Austria (Prof. C.O. Kappe)

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July 2007 – September 2007	Guest Researcher , Organic Chemistry Department, University of Konstanz, Germany (Prof. U. Groth)
July 2008 – December 2022	Head of Laboratory for Physicochemical Processes , SSI "Institute for Single Crystals" NASU, Kharkiv
January 2011 – July 2014	Deputy General Director for Science Affairs , SSI "Institute for Single Crystals" NASU, Kharkiv
July 2012 – September 2012	Visiting Professor , Organic Chemistry Departments at Heinrich-Heine-University of Düsseldorf, Germany (Prof. Th.J.J. Müller)
July 2012 – present time	Full Professor / Head of Department , Department of Applied Chemistry, Karazin Kharkiv National University
August 2014 – October 2014	Visiting Professor , Catholic University of Leuven, Belgium (Prof. E. Van der Eycken)
July 2014 – March 2017	Acting General Director , SSI "Institute for Single Crystals" NASU, Kharkiv
July 2014 – present time	Director , Institute of Functional Materials Chemistry, SSI "Institute for Single Crystals" NASU, Kharkiv
August 2016 – October 2016	Visiting Professor , Organic Chemistry Departments at Heinrich-Heine-University of Düsseldorf (Prof. T. J.J. Muller)
March 2017 – present time	First Deputy General Director for Science Affairs , SSI "Institute for Single Crystals" NASU, Kharkiv
January 2020 – March 2020	Sabbatical Visiting Professor , R&D Center of Ulkar Kimya, Nobel Pharmaceuticals, Turkey
January 2023 – present time	Head of Department of Organic and Bioorganic Chemistry , Institute of Functional Materials Chemistry, SSI "Institute for Single Crystals" NASU, Kharkiv

RESEARCH INTERESTS:

Multicomponent and one-pot organic reactions, their chem-, regio- and stereoselectivity, chemistry of heterocyclic compounds. Switchable multicomponent reactions and diversity-oriented synthesis. Chemical reactions and physicochemical processes under non-classical methods of activation, microwave- and ultrasound-assisted organic synthesis. Supramolecular chemistry and host-guest complexes. Theoretical and experimental aspects of medicinal chemistry. Chemistry of functional materials, in particular, photo- and radiochromic organic compounds, organic and inorganic sorbents and extracting agents. Theoretical aspects of heterocyclic chemistry.

TEACHING EXPERIENCE:

- lecturing Theoretical Principles of Organic Chemistry, Chemical Faculty of Karazin Kharkiv National University;
- lecturing Advanced Synthesis and Analysis, Chemical Faculty of Karazin Kharkiv National University;
- practical course in organic chemistry, Chemical Faculty of Karazin Kharkiv National University;
- invited lectures for university students in Ukraine and abroad;
- mentor in the field of microwave-assisted chemistry in Konstanz University (Germany) and in Artvin Çoruh University (Turkey);
- Supervision of Doctor of Sciences (1) and PhD (9) theses as well as numerous Master of Sciences and Bachelor diploma theses.

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MEMBERSHIPS IN SCIENTIFIC SOCIETIES AND EDITORIAL BOARDS:

International Society of Heterocyclic Chemistry (since 2005); American Chemical Society (since 2006); Royal Society of Chemistry (since 2022)

Editorial Boards: American Journal of Organic Chemistry (since 2011); Bulletin of Karazin Kharkiv National University: Chemical Issue (Since 2013); Chemistry of Heterocyclic Compounds (since 2014); Functional Materials (since 2015); Journal of Organic and Pharmaceutical Chemistry (since 2018); Combinatorial Chemistry & High Throughput Screening (since 2018).

AWARDS, GRANTS AND SCHOLARSHIPS:

1994 – 1996 – Personal scholarship of Kharkiv National University

2000 – Award of Ukrainian Chemical Society

2000 – 2001 – OeAD scholarship for postdoctoral study at Karl-Franzens University of Graz, Austria (9 months)

2002 – Award of Kharkiv State Administration and Governor for significant progress in science

2004 – 2005 - Grant of National Academy of Sciences of Ukraine

2005 – 2006 - INTAS grant for young scientists

2005 – 2007 - Scholarship of the President of Ukraine

2007 – DAAD scholarship for university lecturers and scientists

2008 – Award and Grant of Kharkiv State Administration “The best scientist of Kharkov region in Chemistry, Biology and Agriculture”

2009 – Award of National Academy of Sciences of Ukraine “Talent, Inspiration, Efforts”

2010 – Award of National Academy of Sciences of Ukraine for the scientific project

2012 – Award for the best invention of Kharkiv region

201 – Grant of President of Ukraine for Doctors of Sciences

2012 – DAAD scholarship for university lecturers and scientists

2012 – Inventor of the year of National Academy of Sciences of Ukraine

2012 – Golden Badge of Scientific Partnership Foundation for Contributions to Science and International Cooperation

2013 – MEVLANA scholarship (Artvin, Turkey)

2014 – Scholarship of Research Council of KU Leuven (Leuven, Belgium)

2015 – MEVLANA scholarship (Artvin, Turkey)

2015 – Medal of Ukrainian Federation of Scientists

2015 – Honors of Ministry of Education and Science of Ukraine for scientific and educational activities

2015 – Honors of Poltava Regional Council for the personal impact on science and technology area of Ukraine and for support of young scientists

2016 – Grant of President of Ukraine for Doctors of Sciences

2016 – Grant in the frame of Zukunftskolleg Mentorship Program (Konstanz, Germany)

2016 – DAAD scholarship for university lecturers and scientists (Dusseldorf, Germany)

2016 – Award for the best investment project in the field "Energy Sector and Energy Efficiency" on the competition "Kharkiv - a strategy for success"

2017 – MEVLANA scholarship (Artvin, Turkey)

2017 – Award of State Fund for Fundamental Research of Ukraine "For Contribution to Science"

2017 – Prize of Cabinet of Ministry of Ukraine for Development and Implementation of Innovative Technologies

2018 – MEVLANA scholarship (Artvin, Turkey)

2018 – Grant of President of Ukraine for Doctors of Sciences

2018 – Grant Erasmus+

2018 – Award of National Academy of Sciences of Ukraine in honor of 100-year anniversary

2019 – MEVLANA scholarship (Artvin, Turkey)

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2020 – Sabbatical Grant of TUBITAK (Nobel Pharmaceuticals, R&D Center of Ulkar Kimya, Turkey)

2020 – 2023 – Grant of National Research Foundation of Ukraine

2020 – State Prize of Ukraine in Science and Technology for 2019 year

2022 – Award of National Academy of Sciences of Ukraine “For Scientific Achievements”

2023 – 2024 – Grant Erasmus+ Cooperation partnerships in higher education

2023 – 2024 – Grant of Royal Society of Chemistry

2023 – 2026 – COST EU4MOFs grant

2024 – Medal of the Commander-in-Chief of the Armed Forces of Ukraine “For Assistance to the Army”

2024 – 2026 – Grant of National Research Foundation of Ukraine

PUBLICATIONS

See <https://www.chebanov.org/publications/>

MORE INFORMATION can be found at personal web-page: www.chebanov.org