

Valiantsin Lukashevich

CONTACT INFORMATION

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EDUCATION AND ACADEMIC DEGREE

2017 – 2018 **Master of Science** in Biology (Biology), Department of Plant Cell Biology and Bioengineering, the Faculty of Biology, Belarusian State University.
Thesis: «Development and improvement of “green” nanosynthesis methods for obtaining nanoparticles with high biotic activity»

2012 – 2017 **Bachelor of Science** in Biology (Biotechnology), the Faculty of Biology, Belarusian State University.
Thesis: «The effect of copper nanoparticles on *Nitella flexilis* cells’ membrane electrical characteristics»

PROFESSIONAL EXPERIENCE

2021 02 – until now **PhD student** (Nature Research Centre)

2013 04 – 2014 04 **laboratory assistant** in the Laboratory of Physiology and Biotechnology of Plants (Department of Plant Cell Biology and Bioengineering)

2018 09 – 2020 10 **Assistant (practical lecturer) and researcher:**
Department of Plant Cell Biology and Bioengineering. Working on practice courses “Immobilized cells and enzymes”, “Plant physiology”, “Human life security”

RESEARCH INTERESTS

Cell physiology, metagenomics, virology, marine ecology

PUBLICATIONS

Scientific articles published in journals (books), indexed in „Clarivate Analytics Web of Science“ database (with citation index):

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Scientific articles published in conference proceedings, indexed in „Clarivate Analytics Web of Science“ database:

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Scientific articles published in journals (books), indexed in „Clarivate Analytics Web of Science“ database (without citation index):

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Other reviewed scientific publications (books, books’ chapters, collections of articles, articles, textbooks and etc.):

1. Lukashevich V.A., Matskevich A.S. 2014. Influence of biochar application in soil on transition of cadmium and lead to wheat plants – Bulletin of BSU, Belarusian State University, Minsk, pp. 244-246.

Reviewed scientific articles, published in Lithuania:

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PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS

INTERNSHIP AND TRAINING

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| 2015 07 | 13 th International Summer School for young scientists from CIS countries, Russian State Agricultural Academy |
| 2016 02 | 17 th Winter School "Biology of Plant Cell", Moscow State University |
| 2016 04 | School of young scientists on 4 th International Symposium on Plant Signaling and Behavior |

PARTICIPATION IN SCIENTIFIC CONFERENCES

International scientific conferences:

1. Lukashevich V.A., Leshchenko Yu.A., Vetoshkin A.A., Przhevalskaya D.A., Sokolik A.I., Demidchik V.V., – “Synthesis of silver nanoparticles based on the technologies of "green" nanosynthesis and the analysis of their fungicide activity” – 2nd International Scientific and Practical Conference "Cell Biology and Plant Biotechnology", Belarusian State University, 2018.
2. Lukashevich V.A., Dzemidchick V.V. – “Development of methods of "green" nanosynthesis and analysis of biological activity of preparations of nanoparticles obtained on the basis of this method” – “Youth and Progress in Biology”: XII International Scientific Conference of students and graduate students, Lviv State University, 2018.
3. Lukashevich V.A., Leshchenko Yu.A., Demidchik V.V. – “Characterization of preparations of silver nanoparticles obtained by the method of “green” nanosynthesis”, – Biology – Science of the XXI Century. International scientific-practical conference of young scientists, Pushchino, Collection of Abstracts, 2018.
4. Lukashevich VA, Sokolik A.I., – “Effect of copper nanoparticles on the electrical parameters of the cytoplasmic membrane of the carbonaceous cells of the *Nitella flexilis*”, – VI All-Russian symposium with international participation “Phytoimmunity and plant signaling”, Kazan, 2016.
5. Lukashevich V.A., Demidchik V.V. – “Development of “green” synthesis methods of silver nanoparticles and the analysis of their biocide activity”, – Biologically active preparations for plant growing, Belarusian State University, Minsk, 2018.

National scientific conferences:

1. Synthesis and analysis of fungicidal activity of silver nanoparticles obtained using "green" nanosynthesis technologies / Lukashevich V.A., Leshchenko Yu.A., Vetoshkin A.A., Przhevalskaya D.A., Smolich I.I., Sokolik A.I., Demidchik V.V. // Materials of the international conference of young scientists "Forest resources – Belarusian Poles'e", State Scientific Institution "Forest Institute of Belarusian National Academy of Sciences", Gomel, 2018, pp. 172-175.

PARTICIPATION IN THE STUDY PROCESS

Supervision of PhD students:

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Scientific consultant:

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Supervision of bachelor and master students:

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OTHERS

1. Prize-winner for the Best Report at the XIV International Scientific Conference for Students and PhD Students «YOUTH AND PROGRESS OF BIOLOGY», (Ivan Franko National University of Lviv, April 2018).
2. The winner of the business game "High Flyer", created by "Danone" company, "GOT MILK" team, (Minsk, February 2016 – May 2017), development of green non-animal protein containing food.
3. First degree diploma on BSU's students' works' competition, Belarusian State University, May 2017.