



## II ALL-RUSSIAN SCIENTIFIC AND PRACTICAL CONFERENCE WITH INTERNATIONAL PARTICIPATION "BIOTECH-2025"

08-10 April 2025  
St. Petersburg

### Official partners



### *The second conference information notice*

On April 8-10, 2025, Peter the Great St. Petersburg Polytechnic University (SPbPU) will hold the II All-Russian scientific and practical conference with international participation "BioTech-2025" at the Graduate School of Biotechnology and Food Science.

**Participation form:** in person (oral presentation), remotely (oral presentation online), poster, abstract publication only

**Conference languages:** Russian, English

**Key dates:**

submission deadline – March 24, 2025

conference – April 8-10, 2025

**Conference venue:**

194021, St. Petersburg, Novorossiyskaya st., 48,  
Peter the Great St. Petersburg Polytechnic University,  
Graduate School of Biotechnology and Food Science

**Contact:**

Senior lecturer of the Graduate School of Biotechnology and Food Science SPbPU  
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### ORGANIZING COMMITTEE

***Chairman of the organizing committee***

***Yuliya Bazarnova***, PhD, professor, honorary worker of science and high technologies of the Russian Federation, director of the Graduate School of Biotechnology and Food Science, Peter the Great St. Petersburg Polytechnic University

***Andrey Vasin***, PhD, associate professor, professor of the Russian Academy of Sciences, director of the Institute of Biomedical Systems and Biotechnology, Peter the Great St. Petersburg Polytechnic University

***Marina Karpenko***, PhD, professor of the Graduate School of Biomedical Systems and Technology, Peter the Great St. Petersburg Polytechnic University

***Natalia Politaeva***, PhD, professor, professor of the Graduate School of Hydraulic and Power Engineering, Peter the Great St. Petersburg Polytechnic University

***Irina Potoroko***, PhD, professor, acting director of the School of Medical Biology, South Ural State University (National Research University)

**Nortoji Khujamshukurov**, PhD, professor, professor of the Biotechnology Department Faculty of Food and Wine Technologies, Tashkent Institute of Chemical Technology

**Maria Sysoeva**, PhD, associate professor, chair of the Food Biotechnology Department Institute of Food Engineering and Biotechnology, Kazan National Research Technological University

**Oksana Pavlova**, PhD, associate professor, chair of the Department of Technology, Physiology and Hygiene of Nutrition Faculty of Biology and Ecology, Yanka Kupala State University of Grodno

**Inna Titova**, PhD, associate professor, chair of the Food Technology Department Institute of Agricultural Engineering and Food Systems, Kaliningrad State Technical University

**Saša Đurović**, PhD, senior research associate of the Institute of General and Physical Chemistry (Belgrade, Serbia)

**Irina Cheglakova**, head of the Development of Biologically Active Supplements Department AlcorBio Group of Companies

**Gnilitsky Vladimir**, leading technologist of OOO "Partiya Edyi"

**Anna Sevastyanova**, senior lecturer of the Graduate School of Biotechnology and Food Science, Peter the Great St. Petersburg Polytechnic University

### **PROGRAM COMMITTEE**

**Ekaterina Aronova**, PhD, associate professor, associate professor of the Graduate School of Biotechnology and Food Science, Peter the Great St. Petersburg Polytechnic University

**Vyacheslav Bolshakov**, PhD, head of the Laboratory of Molecular Diagnostics, Vega LLC (AlcorBio Group of Companies)

**Nadezhda Zhilinskaya**, PhD, associate professor, associate professor of the Graduate School of Biotechnology and Food Science, Peter the Great St. Petersburg Polytechnic University

**Natalia Barsukova**, PhD, associate professor, associate professor of the Graduate School of Biotechnology and Food Science, Peter the Great St. Petersburg Polytechnic University

**Svetlana Eliseeva**, PhD, associate professor, associate professor of the Graduate School of Biotechnology and Food Science, Peter the Great St. Petersburg Polytechnic University

**Tatiana Kuznetsova**, PhD, associate professor, associate professor of the Graduate School of Biotechnology and Food Science, Peter the Great St. Petersburg Polytechnic University

**Olga Ivanchenko**, PhD, associate professor, associate professor of the Graduate School of Biotechnology and Food Science, Peter the Great St. Petersburg Polytechnic University

## CONFERENCE SCHEDULE

**08.04.2025, 11.00-13.30**

### **Plenary session**

Politekhnikeskaya st., 29AF, SPbPU Research Building,  
Semenov Conference Hall

11.00-11.05 Welcome speech by the director of the Institute of Biomedical Systems and Biotechnology Peter the Great St. Petersburg Polytechnic University, PhD, professor of the Russian Academy of Sciences **Andrey Vasin**

11.05-11.10 Welcome speech by the chairman of the organizing committee, director of the Graduate School of Biotechnology and Food Science Peter the Great St. Petersburg Polytechnic University, PhD, professor **Yuliya Bazarnova**

11.10-11.30 **Oksana Pavlova**, PhD, associate professor, chair of the Department of Technology, Physiology and Hygiene of Nutrition Faculty of Biology and Ecology Yanka Kupala State University of Grodno

Topic of the report: *"Cooperation without borders: Peter the Great St. Petersburg Polytechnic University and Yanka Kupala State University of Grodno"*

11.30-11.50 **Irina Cheglakova**, head of the Development of Biologically Active Supplements Department AlcorBio Group of Companies

Topic of the report: *"Development of the direction of biologically active food supplements in the Alkor Bio Group of Companies"*

11.50-12.10 **Irina Potoroko**, PhD, professor, acting director of the School of Medical Biology South Ural State University (National Research University)

Topic of the report: *"Food Security: The New Realities of Climate Change"*

12.10-12.30 **Marina Karpenko**, PhD, professor of the Graduate School of Biomedical Systems and Technologies Peter the Great St. Petersburg Polytechnic University

Topic of the report: *"Toxic effects of manganese as a risk factor for public health"*

12.30-12.50 **Natalia Politaeva**, PhD, professor, professor of the Graduate School of Hydraulic and Power Engineering Peter the Great St. Petersburg Polytechnic University

Topic of the report: *"Microalgae for solving environmental problems"*

12.50-13.10 **Gnilitsky Vladimir**, leading technologist of OOO "Partiya Edya"

Topic of the report: *"Yandex Lavka's own production"*

**08.04.2025, 14.00-15.00**

### **Coffee break**

Novorossiyskaya st., 48

**08.04.2025, 15.00-17.30**

**Section "*Molecular and cellular biotechnology*"**

Novorossiyskaya st., 48, room 405

***Section heads:***

Nadezhda Zhilinskaya, PhD, associate professor, associate professor of the Graduate School of Biotechnology and Food Science SPbPU

Ekaterina Aronova, PhD, associate professor, associate professor of the Graduate School of Biotechnology and Food Science SPbPU

***Section moderator*** – Evgeniia Pochkaeva, senior lecturer of the Graduate School of Biotechnology and Food Science SPbPU

**08.04.2025, 15.00-17.30**

**Section "*Food systems and practical nutritionology*"**

Novorossiyskaya st., 48, room 201

***Section heads:***

Natalia Barsukova, PhD, associate professor, associate professor of the Graduate School of Biotechnology and Food Science SPbPU

Svetlana Eliseeva, PhD, associate professor, associate professor of the Graduate School of Biotechnology and Food Science SPbPU

***Section moderator*** – Daria Chernikova, assistant of the Graduate School of Biotechnology and Food Science SPbPU

**09.04.2025, 12.00-13.45**

***Excursion "Polytechnic University in details"***

Politekhnikeskaya st., 29, Main Academic Building and 2nd Professorial Building

**09.04.2025, 15.00-17.30**

**Section "*Biotechnology for plant growing*"**

Novorossiyskaya st., 48, room 201

***Section heads:***

Tatiana Kuznetsova, PhD, associate professor, associate professor of the Graduate School of Biotechnology and Food Science SPbPU

Olga Ivanchenko, PhD, associate professor, associate professor of the Graduate School of Biotechnology and Food Science SPbPU

***Section moderator*** – Tatiana Kydryashova, senior lecturer of the Graduate School of Biotechnology and Food Science SPbPU

**09.04.2025, 15.00-17.30**

**Section "*Molecular diagnostic methods*"**

Novorossiyskaya st., 48, room 205

***Section heads:***

Vyacheslav Bolshakov, PhD, head of the Laboratory of Molecular Diagnostics, Vega LLC (AlcorBio Group of Companies)

Ekaterina Aronova, PhD, associate professor, associate professor of the Graduate School of Biotechnology and Food Science SPbPU

***Section moderator*** – Anna Moroz, research engineer of 2<sup>nd</sup> category, Biochip Technologies Group, Vega LLC (AlcorBio Group of Companies)

**10.04.2025, 11.00-13.30**

**Section "*Environmental Biotechnology*"**

Novorossiyskaya st., 48, room 205

***Section heads:***

Anna Sevastyanova, senior lecturer of the Graduate School of Biotechnology and Food Science  
SPbPU

***Section moderator*** – Olga Levchyuk, assistant of the Graduate School of Biotechnology and Food  
Science SPbPU