

*The first announcement*

**III<sup>rd</sup> scientific-practical conference  
"Prospects of phyto-biotechnology for improving the quality of life in the  
North" with international participation  
and a scientific school on cell biotechnology  
4 - 8 June, 2018**

**Yakutsk, the Republic of Sakha (Yakutia), Russian Federation**

**Dear colleagues and friends!**

M.K. Ammosov North-Eastern Federal University invites you to participate in the III scientific-practical conference "Prospects of phyto-biotechnology for improving the quality of life in the North" with international participation and a scientific school on cell biotechnology.

**Priority direction of the event:** Live systems. Biotechnology.

**Key words:** biotechnology of plants; cell biotechnology; the quality of life; plant resources; the North.

**The main directions of the conference and scientific schools:**

Plenary reports and reports of leading Russian and foreign scientists in the field of stress-adaptation, cell and molecular technologies, oral reports on sections are provided. Conference Proceedings will be published as a BOOK of short articles, and registered in the RSCI system (eLibrary.ru)

A scientific school for young scientists, teachers and staff in cell biotechnology will be organized and conducted.

**Sectional presentations:**

**Section 1. Biotechnology of plants.**

- 1.1. Theoretical foundations of plant cell biotechnology.
- 1.2. Methodical aspects of plant cell biotechnology.
- 1.3. Perspective plant species for cell biotechnology.
- 1.4. Innovative directions and developments in the field of cell phyto-biotechnology.

- 1.5. Cooperation in the field of cell biotechnologies.

**Section 2. Plant resources and their potential.**

- 2.1. Theoretical bases of the account of plant resources.
- 2.2. Methodical bases of conservation of plant resources.
- 2.3. Genotyping of rare, endangered and biotechnologically significant plant species.
- 2.4. The use of GIS technologies for creating databases on plant resources.
- 2.5. Potential of plant resources of the North.

### **Scientific School on Cell Biotechnology:**

1. Section "Cell culture of higher plants." Lectures, practical part. Speaker: head of the Department of Plant Physiology, Biological Faculty, Lomonosov Moscow State University, head of the Department of Cell Biology and Biotechnology of Timiryazev Institute of Plant Physiology, Russian Academy of Sciences (Moscow), Doctor of Biological Sciences, Professor Alexander M. Nosov
2. Section "Biotechnology of cyanobacteria". Lectures, practical part. Speaker: professor of Lomonosov Moscow State University (Moscow), Head of Laboratory, Doctor of Biological Sciences, Professor Elena S. Lobakova.
3. Section "Secondary metabolism of higher plants." Lectures, practical part. Speaker: Senior Researcher, Department of Plant Physiology, Biological Faculty, Lomonosov Moscow State University, PhD Dmitry V. Kochkin.
4. Section "Anti-cancer potential of plants." Lectures. Speaker: head of the Department of Herbalology and Pharmacology, High School of Oriental Medicine, PNU, Professor, PhD Su Ying Cho.
5. Section "Molecular biotechnology of plants". Lectures, master class. Speaker: professor-researcher of the Department of Molecular Biology PNU, PhD Ismayil Zulfugarov.

**You can take part in the conference (sectional report, participation in the scientific school with the publication of abstracts in the collection of materials) or participate in absentia (the publication of abstracts in the collection of materials).**

**The working languages of the conference and scientific schools are Russian and English.**

#### **Contacts of the organizing committee**

677000, Russian Federation, Yakutsk, the Republic of Sakha (Yakutia), Kulakovskogo Str.,48, Institute of Natural Sciences, biotechnologyYSU@rambler.ru, tel.: +7 (4112) 49-68-24.

#### **Venue of the Conference**

677000, Russian Federation, Yakutsk, the Republic of Sakha (Yakutia), Belinskogo Str., 58, M.K. Ammosov North-Eastern Federal University.

#### **Key Dates**

The first announcement: 26, October, 2017.

Sending of the application form: before 23, November, 2017.

Sending of the abstract: until 22, December, 2017.

The second announcement: 15, January, 2018.

**Payment for publication: up to 26, January, 2018.**

**Payment of registration fee: until 23, March, 2018.**

Confirmation of arrival, hotel booking: until 23, March, 2018.

Arrival of participants: 03-04, June, 2018

The days of the conference and scientific school: 04-08, June, 2018.

Departure of participants: 09, June, 2018.

## **Author Guid**

Please e-mail abstracts to [biotechnologyYSU@rambler.ru](mailto:biotechnologyYSU@rambler.ru) not later than December 22, 2017.

Abstract should be page format is A4 (210x297 mm). Recommended sections of the abstracts: introduction, goals and objectives, methods and materials, results and discussion, conclusion, literature. Tables, figures, literature - are drawn up in accordance with the requirements of the journal "Vestnik of SVFU" for authors [https://www.s-vfu.ru/en/research/nefu\\_vestnik/](https://www.s-vfu.ru/en/research/nefu_vestnik/).

Page settings: left, up and low - 2,0 cm, right - 1,5 cm

font Times New Roman, paragraph indent is 1.25 cm, text size - 12

In the upper left corner you should specify UDC, below the center is the title of the report (uppercase letters, boldface font). Below in the center are the initials and surname (s) of the author (s). Lower in the center - the full name of the organization, address, country, e-mail. After indenting in 1 interval - keywords (italics, lowercase letters, without a paragraph). After indenting in 1 interval - the main text. Justification on width, automatic transfer.

Each publication (abstracts) is sent in a separate file, named after the name of the first author (in English).

The materials accepted for publication are published in the author's edition. The authors are responsible for the reliability, the possibility of publishing published materials in the open press.

### **Payment for the publication of abstracts**

The payment for publication in the materials of the conference is 500 rubles for each thesis regardless of the number of authors. Payment for publications must be sent by bank transfer no later than January 26, 2018. Requisites for translation will be indicated on the 2nd information message

### **The Conference Fee:**

For all participants 500 rubles (publication of the paper and proceedings, delivery (for distant participants), handouts, coffee breaks, methodical and expendable materials for the sections of the scientific school). The registration fee is paid by bank transfer to [biotechnologyYSU@rambler.ru](mailto:biotechnologyYSU@rambler.ru).

### **Application form \***

participant of the III<sup>rd</sup> scientific-practical conference

"Prospects for phyto-biotechnology to improve  
quality of life in the North "

with international participation and scientific school  
on Cell Biotechnology

(Yakutsk, Russian Federation, 4-8, June, 2018).

1. Surname
2. First name
3. Middle name
4. Organization (full and abbreviated name)
5. Postal address of the organization (with index)

6. Position (academic degree, academic title)
7. Course, specialty (for students, undergraduates, graduate students)
8. Postal address of the sending of the collection of the event (with the index)
9. Telephone (cell, work), fax (if any)
10. E-mail
11. Title of the report
12. Section name
13. Participation (full-time, part-time)
14. Participation in the scientific school (yes, no)

\* To be filled out separately for each participant (including co-authors).