



NATIONAL ACADEMY OF SCIENCES OF BELARUS  
Department of Biological Sciences  
Scientific and Practical Center for Bioresources  
Central Botanical Garden  
Biological Department of Belarusian State University



RUSSIAN ACADEMY OF SCIENCES  
Department of Biological Sciences  
Timiryazev Institute of Plant Physiology RAS  
Biological Department of Moscow State University  
RAS Scientific Council on Plant Physiology and  
Photosynthesis



**XI<sup>th</sup> INTERNATIONAL CONFERENCE**  
**«THE BIOLOGY OF PLANT CELLS *in vitro* AND BIOTECHNOLOGY»**  
(September 23–27, 2018, Minsk, Republic of Belarus)

*First Announcement*

Dear colleagues and friends!

Organizing Committee has a great honour to invite you to participate in the XI<sup>th</sup> International Conference «The Biology of Plant Cells *in vitro* and Biotechnology» in **Minsk, capital of the Republic of Belarus (Sept. 23–27, 2018)**. This conference marks a half-century of conferences devoted to the study of *in vitro* cultured higher plant cells and the 60<sup>th</sup> anniversary of the activities of the Department of Plant Biochemistry and Biotechnology belonging to the «Central Botanical Garden of Belarus National Academy of Sciences». The Conference is the next in a series of Conferences begun in 1968, which were held in Moscow, Kyiv, Yerevan, Kishinev, Novosibirsk, Almaty, Moscow, Saratov, Zvenigorod and Kazan.

The number of participants and the importance of conferences in the professional community of researchers of *in vitro* cultured plant cells and phyto-biotechnologists are constantly growing. These conferences are notable events in the scientific world, they contribute to the formation and further fruitful development of international scientific and scientific-practical cooperation.

**Official languages of the conference** – Russian, Belarusian, English.

**The scientific programme** will be composed of a number of plenary lectures, oral and poster presentations. The final decision on the acceptance of your material and the presentation form (oral or poster presentation) remains with the Organizing Committee. Plenary reports - at the request of the Organizing Committee. **The deadline for submission of materials is April 15, 2018.**

**Topics of the conference include the following scientific areas:**

1. Collections of tissues and plant cells *in vitro*, including cryo-collections, their use to preserve the biodiversity of the plant gene pool and in modern plant biotechnology;
2. Molecular-biological, genetic, biochemical, cytological and physiological features of cultured plant cells;
3. Regulation of plant cell morphogenesis *in vitro*;
4. Cultured plant cells for cytology, biochemistry and plant physiology;
5. Genetically transformed cells and plants in basic research and biotechnology;
6. Isolated plant's organ and plantlets *in vitro* and microclonal propagation;
7. Cultured plant cells for industrial biotechnology;
8. Cultured plant cells for agricultural biotechnology.

### **Information about financial and organizational points:**

Participants of the conference, whose materials will be accepted for publication, **after April 25, 2018** will be sent a **Second Announcement** with information on the participation fees, a preliminary conference program and options for booking hotels in Minsk.

**All payments** must be done upon registration on-site in Minsk in Belarusian rubles (BYN). Cheques and travel cheques are not accepted.

It is assumed that the participation fees will not exceed for:

**Participants** – 80 BYN (\$40); **students, PhD students** – 30 BYN (\$15); **accompanying persons** – 50 BYN (\$25).

**Approximate prices for accommodation** in December 2017: single room – 60–140 BYN per day (\$30–75); double room – 100–200 BYN per day (\$50–85). For young participants it is possible to stay in hostels – from 15 BYN per day (from \$7.5). The organizing committee is working on the optimization of accommodation expenses.

### **Please complete the following registration form to receive the Second Announcement.**

The registration form should be arranged as an MS Word table. Please send your completed registration form as an attached file (e.g. named: bergman\_w\_j\_reg) by **April 1st, 2018** to: [plant.invitro.minsk@gmail.com](mailto:plant.invitro.minsk@gmail.com)

#### **Registration form**

<b>Last Name, First Name</b>	
<b>Position, academic degree, title</b>	
<b>Affiliations</b>	
<b>Address</b>	
<b>Country</b>	
<b>Telephone (optional)*</b>	
<b>E-mail</b>	
<b>Title of presentation</b>	
<b>Your preference (oral presentation or poster)</b>	
<b>Topics of the conference</b>	
<b>Need for a hotel with room category (hotel, hostel, 1-bed, 2-bed, price category)</b>	

### **Preparation of abstracts**

Abstract of your presentation should comprise: title, authors, addresses (including e-mail) and the text of the abstract. Abstract should be in English and arranged as **one** A4 page of single-spaced 12pt Times New Roman text with 2-cm margins all around. **Tables, formulas, drawings and citation of literature are not allowed.** Please send your abstracts as an attached file (e.g. named: bergman\_w\_j\_absteng) **by April 15, 2018** to: [plant.invitro.minsk@gmail.com](mailto:plant.invitro.minsk@gmail.com)

*An example:*

**Identification of a new class of signal peptides in cultured cells of *Triticum timopheevii* (Zhuk.)**

**Bergman W.J.<sup>1</sup>, Peterson D.J.H.<sup>2</sup>**

<sup>1</sup>Institute of ...,Turku, address, e-mail

<sup>2</sup>Division of Plant and Crop Sciences ..., Nottingham, address, e-mail

*In vitro* culturing of plant cells can cause changes in karyotype. Chromosome variations following long-term propagation in suspension culture of *Triticum timopheevii* (Zhuk.) Zhuk. were studied by...

### **Post address and telephone:**

The State Scientific Institution «Central Botanical Garden of National Academy of Sciences of Belarus» 220012, Minsk, Surganova Str., 2v; Phone/fax: +375 (17) 284-14-84

### **The Co-Chairs of Organizing Committee:**

Academician of National Academy of Sciences of Belarus, Vladimir Nikolayevich Reshetnikov  
(Minsk)

Professor of Moscow State University, Alexander Mikhailovich Nosov  
(Moscow)

### **Contacts:**

[plant.invitro.minsk@gmail.com](mailto:plant.invitro.minsk@gmail.com)

For up-to-date information on all aspects of the Conference, please contact Organising Committee:

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Useful links about Belarus, Minsk, CBG NAS of Belarus and botanical collections:

<https://34travel.me/gotobelarus>

<http://cbg.org.by/conferences>

<http://hbc.bas-net.by/hbcinfo/news.php>

*We look forward to seeing you in Minsk!*

