

Ministry of Science and Higher Education of the Russian Federation,
Russian Academy of Sciences,
Federal Horticultural Research Center for Breeding, Agrotechnology and Nursery, Russia
Horticulture Development and Support Fund, Russia
Institute of Genetics, Physiology and Plant Protection, Chisinau, Republic of Moldova
Slovak University of Agriculture in Nitra, Slovakia
Institute of Biophysics and Cell Engineering of the National Academy of Sciences of Belarus, Minsk, Belarus

**XII INTERNATIONAL FORUM
"GARDEN DAYS IN BIRYULEVO: FUNDAMENTAL SCIENCE
IN THE INTERESTS OF SUSTAINABLE DEVELOPMENT
OF AGRICULTURE IN THE RUSSIAN FEDERATION"**

August 17-19, 2022

2nd information letter



Dear colleagues!

We invite you to take part in the annual International Forum
“Garden Days in Biryulyovo”

Venue and address: Scientific and Information Center of the Federal Research Center for Horticulture, Moscow, Zagoryevsky proyezd, 4.

Main event format: plenary and practical sessions, round tables, panel discussions, Internet conference, video broadcast, exhibitions-fairs.

Participants: representatives of State authorities, Russian and foreign scientists, teachers and graduate students of leading agricultural universities and scientific institutions, specialists and professionals, business representatives.

Event language: Russian, English

Moscow, 2022

Registration of forum participants is mandatory. The electronic application form must be filled out before **July 30, 2022** by clicking the mouse button (with the Ctrl key) on the link below.

[РЕГИСТРАЦИЯ/REGISTRATION](#)

Additional information will be posted on the website www.vstisp.org in the «Новости» ("News") and «Конференции» ("Conferences") sections.

Main activities:

- International scientific and methodological conference **"The role of physiology and biochemistry in the introduction and breeding of agricultural plants"**
Conference directions:
 - Stress and adaptation in plants: physiological and biochemical protective reactions of organisms to the impact of abiotic and biotic factors;
 - Biologically active and valuable nutrients of agricultural plants;
 - Antioxidants of agricultural plants: biomedical and technological aspects of the use of antioxidants in agriculture, medicine, cosmeceuticals, pharmacy and functional nutrition;
 - Photosynthesis, photonics, respiration, mineral nutrition and water metabolism of plants, signaling systems of higher plant cells;
 - The use of physiological and biochemical parameters in the introduction and breeding for the quality and resistance of agricultural plants;
- All-Russian conference with international participation **"Modern agricultural technologies in horticulture and nursery"**
Conference directions:
 - Agroecology, biologized technologies in horticulture and nursery;
 - Fundamental basics, modern methods, means and methods of biologization and ecologization of horticultural crops protection systems;
 - Modern methods for diagnosing pests, development of eco-friendly systems for the improvement of planting material.
- All-Russian Internet Conference with International Participation **"The Role of the World's Genetic Resources in Maintaining Biodiversity and Ensuring National Food Security"**
Conference directions:
 - Conservation of plant genetic diversity: in situ and ex situ strategies, new methods and technologies, problems of genetic stability, development of methodological and practical aspects of the mobilization of plant genetic resources, conservation of agrobiodiversity.
 - Innovative methods for studying the genetic diversity of the world's plant resources.
 - Breeding of the future: potential development vectors, priority areas, methods and modern breeding technologies to ensure food, technological and environmental security, genetic and botanical and geographical bases of breeding, innovative competitive varieties.

Materials of reports are accepted **in accordance with the requirements of publications** only through the websites of the journal «Sadovodstvo i vinogradarstvo» ("Horticulture and viticulture") (www.sadivin.com) and the collection of scientific papers «Plodovodstvo i yagodovodstvo Rossii» ("Fruit and berry growing in Russia") (www.plodovodstvo.com)

Reports can be submitted in the format: video report and / or poster (see below for requirements).

Video presentation requirements (or presentations with sound)

No more than one video material is accepted from one author.

The report can be submitted in English with translation and (or) Russian. The duration of video materials is up to 10 minutes. Video recordings of reports should be made in avi, mkv or mp4 format (no more than 500 Mb in size). The video must be uploaded to the file sharing service of your mail (<https://cloud.mail.ru/> for mail to mail.ru; <https://disk.yandex.ru/> for mail to yandex.ru; <http://drive.google.com> for Google, <http://dropbox.com>).

Poster design template

**Международный научно-практический форум
"Генетические ресурсы растений как основа современной селекции и развития фундаментальных исследований в растениеводстве (направления, методы, достижения)"**

**СЕЛЕКЦИЯ СПОРОВИДЫ В УКРАИНЕ
НА СОВРЕМЕННОМ ЭТАПЕ – ТЕНДЕНЦИИ И РЕЗУЛЬТАТЫ**
А.Н.Розенко, канд. с.-х. наук, зам. директора по научной работе
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Видовая группа	Селекционер	Сорт	Год	Сорт	Сорт
Спороиды	Селекционер	Сорт	Год	Сорт	Сорт
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Спороиды	Селекционер	Сорт	Год	Сорт	Сорт
Спороиды	Селекционер	Сорт	Год	Сорт	Сорт

* Мероприятие проводится при финансовой поддержке Российского фонда фундаментальных исследований (Проект № 18-616-20111)

Poster reports can be presented in English or Russian; for printing on a printer, the final dimensions of the poster must be 60 cm (width) x 100 cm (length).

Bonus program:

- ✓ Free forum participation
- ✓ Ability to present and sell products

The Organizing Committee will be grateful for the distribution of the information letter to interested parties.