



First Announcement

Dear colleagues!

We invite you to take part in

Third International scientific and practical conference “Genomics and modern biotechnologies in plant propagation, breeding and preservation”,

which will be held **from September 19 to 24, 2022**, in **Yalta** (Russia). It is organized within the framework of the **National Project "Science"** for the creation of the world-class genomic research center **“Kurchatov Genome Center”**. It is planned to work in thematic areas, organize discussions, "round tables" and schools of young scientists.

Co-organizing institutions

Russian Academy of Sciences
Ministry of Science and Education of the Russian Federation
The Nikita Botanical Gardens - National Scientific Center of the Russian Academy of Sciences
National Research Center "Kurchatov Institute"

The conference will present the results of studying genomes and preservation of plant genetic resources based on the latest research in the field of genetics, molecular biology, biotechnology, and practical use of the world's gene pool of cultivated plants in breeding, as well as genomic research of wild plant species. It is planned to discuss promising areas of joint work on fundamental and applied aspects of studying plant biological diversity.

The conference program includes the following areas:

1. Genomic and proteomic studies, information technologies in working with bioresource collections and in plant breeding.
2. Molecular and genetic aspects of the study of wild plant species as sources of economically valuable traits and secondary metabolites.
3. Clonal micro-propagation of plants: theoretical and applied aspects.
4. Creation of plant collections *in vitro*, cryopreservation, methods of preserving the gene pool.

5. Gene pool and breeding of fruit, berry, ornamental crops and other plants.

During the conference, it is planned to conduct excursions to **the Arboretum of FSFIS "NBG-NSC", "Biotron" complex**, as well as field tours to specially protected natural territories and wineries.

The working languages of the conference are Russian and English.

To participate in the conference, you must register by **May 1, 2022**, by filling out the **participant registration form (send it to the Organizing Committee's e-mail)**

Abstracts can be submitted by **June 15, 2022**.

In the near future, a conference website will be created for mobile presentation of information, a link to which will be available later.

Forms of participation: oral report at the plenary session (at the suggestion of the Organizing Committee); oral report or video report at a session; poster presentation; participation in absence (with mandatory presentation of a video report or an electronic poster). Based on the conference materials, a collection of abstracts will be published, registered in the RSCI (Russian Science Citation Index) scientometric database. The collection is assigned the library indexes UDC, LBC and international standard book number (ISBN).

Speakers will be issued a **certificate of participation** confirming their participation in the conference.

Rules for submitting abstracts

Abstracts are submitted ***in Russian and English*** (in both languages). Abstracts are submitted by the main speaker (it is necessary to highlight him/her name), who attaches them after filling out his/her registration form.

The main text of the abstract should not exceed 400 words. The title of the abstract, full name, name and address of the organization, e-mail, which are placed before the main text, should not exceed 40 words. The text is followed by *Keywords* (no more than 7). It is possible to place references to literature in the text of abstract (indicated in square brackets), but no more than two. The list itself is placed at the end of the article. You can also place acknowledgements before the list of references. Acknowledgement and references are included in the volume of the main text. Only the electronic version of abstracts is accepted.

Requirements for abstracts:

- The title of the thesis is given in capital letters in bold. After the name is an empty string (space).
- Full name of the authors, in lowercase letters, in bold.
- Full name of organizations of each author's occupation in the nominative case, country name, city name (italics).
- E-mail address of the main author (italics).
- Before the main text of the abstract, an empty line (space).
- Latin names in the text should be italicized.
- The font "Times New Roman", scale font - 12 pt.
- Single line spacing.
- Text editor: Microsoft Word.
- Page margins: top-2 cm., bottom-2 cm., left-2 cm., right-2 cm.
- Paragraph indent: - 1.25 cm.

Each registered participant of the conference can submit **no more than two** abstracts for publication in the conference proceedings.

Abstracts that do not comply with the rules of registration or the topic of the conference may be rejected.

Confirmation of registration and abstracts submission will be sent by e-mail to all registered participants within 5 business days. If you have not received confirmation, please contact the Organizing Committee.

Full papers

After abstracts submission by the Chairman of the Organizing Committee, on the basis of the work of the evaluation Committee, individual abstracts can be selected for submission as full articles (6-8 pages) in a scientific periodical journal (in the publications of the Nikita Botanical Gardens): "Bulletin of the SNBG" (SCADT, RSCI, DOI) or "Plant Biology and Horticulture" (RSCI, DOI). The final decision on the possibility of publishing an article will be made after it has been read by 2 anonymous reviewers and corrected by the authors.

Plenary reports at the request of the Organizing Committee.

Session reports - from 10-15 min.

Poster report (A1 - 594 x 841 mm) must contain:

- title (title of the report, full name of the speakers, name of the organization, city, country);
- the main text of the study (relevance, objective of the study, materials and methods, results and discussion, conclusions, acknowledgements).

Registration fee

Full-time participation with a report – 5000 rubles, for young scientists up to 35 years and for participation in absence (publication) – 2500 rubles. The registration fee includes publication expenses, participant's kit, coffee breaks, standing buffet and a sightseeing tour of the Nikita Botanical Gardens. All conference materials will be sent by Russian Post to the absentee participants after the conference.

We ask you to pay for participation in absence only after confirming the submission of materials for publication!!!

Payment of the fee can be made in person (during check-in) or by money transfer to the bank account of the FSFIS "N BG-NSC" for legal entities, and the contractor organization "Nikitsky Souvenir" for individuals (with mandatory indication of the **last name of the participant and the phrase "for participation in the conference "Genomics and modern biotechnologies in plant propagation, breeding and preservation"**).

Early payment of the registration fee – until July 1, 2022

We invite interested organizations and sponsors to cooperate. For cooperation, please contact the conference Organizing Committee.

Important Dates:

April 30, 2022

Deadline for accepting the registration form

June 15, 2022

Deadline for abstracts submission

July 01, 2022

Deadline for early payment of the registration fee

Electronic versions of materials, registration forms and a copy of the receipt (photo, screenshot, etc.) for payment for publication, please send by e-mail to the address of the conference ORGANIZING COMMITTEE: ***genomicconf2022@yandex.ru***.

For all questions related to participation in the conference, please contact the Organizing Committee:

Phone / Fax : +7 (3654) 25-08-59

E-mail: genomicconf2022@yandex.ru

298648, Russia, Yalta, Nikita, Nikitsky Spusk st., 52

FSFIS "The Nikita Botanical Gardens – National Scientific Center of the Russian Academy of Sciences"

Chairman of the ORGANIZING COMMITTEE:

Yuri Vladimirovich Plugatar Director of the FSFIS "NBG-NSC of the RAS",
Corresponding member of the RAS

Co-chairman of the Conference:

Ekaterina Aleksandrovna Vodyasova Head of the Kurchatov Genomic
Center – NBG-NSC of the RAS, Candidate of Biological Sciences

Secretary of the ORGANIZING COMMITTEE:

Valentina Anatolyevna Tsyupka Candidate of Biological Sciences

Participant registration form
Last Name
First Name
Middle Name
Occupation
Academic degree
Academic status
Organization name
Contact e-mail
Phone number
Paper title
Scientific field
Form of presentation (oral, poster, participation in absence with publication)
Paper co-authors
Mode of payment of the registration fee (transfer or in person during check-in)

Participants pay for their own accommodation, travel and meals. We recommend purchasing return tickets in advance.

Participants book their own accommodation via the relevant websites. If you want to book accommodation in the Phytocenter and the Scientific Information Center (SIC) of the Nikita Botanical Gardens, please contact us by phone: 8 (3654) 250-519 or via e-mail: **nbs.tur@yandex.ru**, contact person: **Anna Nikolaevna Karpova**

Phytocenter and SIC websites:

<http://nikitasad.ru/ozdorovitelnyj-tsentr/>

<http://nikitasad.ru/nits-uchebnye-klassy-gostinitsa/>