



PlantGen2025

VIII INTERNATIONAL SCIENTIFIC CONFERENCE "GENETICS, GENOMICS, BIOINFORMATICS AND PLANT BIOTECHNOLOGY"

2-5 July 2025, ICG SB RAS, Novosibirsk, Russia

<https://conf.icgbio.ru/plantgen2025/>

The PlantGen conference was first organised by ICG SB RAS in 2010 and has been held every two or three years: 2010 (Novosibirsk), 2012 (Irkutsk), 2015 (Novosibirsk), 2017 (Almaty, Kazakhstan), 2019 (Novosibirsk), 2021 (Novosibirsk), 2023 (Kazan).

In 2025, the VIII International Scientific Conference "Genetics, Genomics, Bioinformatics and Plant Biotechnology" (PlantGen 2025) will be held in Novosibirsk from 2 to 5 July.

The co-chairs of the PlantGen2025 conference are:

- Alexey Vladimirovich Kochetov, Academician of the Russian Academy of Sciences, Director, FRC ICG SB RAS, Novosibirsk, Russian Federation.
- Elena Artemovna Salina, Professor, Doctor of Biological Sciences, Chief Scientist, FRC ICG SB RAS, Novosibirsk, Russian Federation.

The conference will present the results of the latest research in genetics, genomics, bioinformatics and plant biotechnology, and discuss promising research directions (including joint research) on fundamental and applied aspects of plant genome research.

The proposed directions of the conference work are:

1. Plant genome structure and evolution, comparative genomics.
2. Genetic regulation of phenotypic traits formation in plants.
3. Molecular and genetic regulation of plant physiological processes.
4. Genetic engineering and plant biotechnology.
5. High throughput phenotyping of plants: methods and applications

The Organising Committee offers the possibility of organising workshops during the conference.

Possible forms of participation in the conference:

- In person;
- Remote participation with a report;
- Online (publication in the collection only, without a report)).

The conference will provide **live broadcast** of the scientific sessions of the conference, as well as **zoom connections** for remote participants to read online presentations. The broadcast will be available for all of the participants.

The working languages of the conference: English and Russian.

Conference Proceedings: The conference will publish a collection of abstracts, which will be published in electronic form and made available on the conference website. The collection will be indexed with ISBN and DOI, and each abstract will be assigned a DOI. At the end of the conference, the collection will be deposited in RSCI (scientific electronic library). The abstract rules will be given in the second newsletter (mid-February).

PlantGen School 2025 for Young Scientists: The next - 5th - School of Young Scientists 'Genetics, Genomics, Bioinformatics and Plant Biotechnology' will take place from 30 June to 2 July (i.e. before the PlantGen2025

conference). The theme of this year's school is "**Plant Genome Modification and Genome Editing**". Details can be found on the website: <https://conf.icgbio.ru/plantgen2025/en/school/>

Participation in the conference - paid. Categories of registration fees:

1. "Standard" package (for all researchers and staff) – **8000 RUB**.
2. "Students / Postgraduates" package (upon presentation of a supporting document) — **5000 RUB**.
3. "Remote/Online participation" package – **3500 RUB**.
4. "Accompanying person" package – **3000 RUB**.
5. Participation in PlantGen School 2025 is paid separately from participation in the conference. The cost of participation in the school – package "School participant" – **3000 RUB**.

Full description of the participant packages on the website: <https://conf.icgbio.ru/plantgen2025/en/registration-fee/>

Accommodation: The Organising Committee will book rooms for the conference participants in the hotels "Zolotaya Dolina" and "Park Wood AKADEMGORODOK". Please note that during the dates of the PlantGen2025 conference, several conferences of different institutes will be held in Akademgorodok. Therefore, the number of rooms is limited and it is in the interest of participants to book as early as possible. More details: <https://conf.icgbio.ru/plantgen2025/en/accomodation/>

Excursion program: The Organising Committee will prepare an interesting excursion program around Akademgorodok and the city of Novosibirsk for the conference participants (included in the package for full-time participants). Participants will also have the opportunity to take part in the post-conference tour to Altai 'Real Altai. 2', which will take place from 6 to 11 July (paid separately). All information about the tour on the website - <https://conf.icgbio.ru/plantgen2025/en/tour-to-altai/>

Важные даты:

- Online registration for participation with a paper and/or publication – until **1 April** 2025.
- Online registration for participation without presentation and without publication – until **1 June** 2025.
- Submission of abstracts and expert reviews for publication in the abstract collection – until **1 April** 2025.
- Notification of inclusion in the conference program (In the form of an oral or poster presentation) – by **21 April** 2025.
- Payment of the registration fee – by **30 April** 2025.
- Reservation of accommodation – by **2 June** 2025.
- Conference dates – **2-5 July** 2025.
- The dates for PlantGen School 2025 – **30 June – 2 July** 2025.
- The dates of the post-conference tour to Altai 'Real Altai.2' – **6-11 July** 2025.

Registration for the **PlantGen2025** conference and the **PlantGen School 2025 for Young Scientists** is now open and can be found on the official PlantGen School website at the following link:

<https://conf.icgbio.ru/plantgen2025/en/registration/>

The history of the PlantGen series of conferences, as well as information about all the previous conferences, abstracts, photo reports, etc. can be found on the website at this link:

<https://conf.icgbio.ru/plantgen2025/en/archive/>

Sincerely

On behalf of the Organising Committee

Elena Artemovna Salina

Professor, Doctor of Biological Sciences, Chief Scientist

ICG SB RAS, Novosibirsk, Russia

Conference website: <https://conf.icgbio.ru/plantgen2025/en/>

Organising Committee email: PlantGen2025@bionet.nsc.ru