



Dear colleagues!

We continue the registration on 11th International Multiconference on “Bioinformatics of Genome Regulation and Structure\Systems Biology” – **BGRS\SB-2018**, which will be held on **20-25 of August**. The conference is organized by the Federal Research Center Institute of Cytology and Genetics SB RAS (IGG SB RAS, Novosibirsk, Russia).

Since 1998, the conferences of BGRS\SB series are held every two years. Academicians and professionals working in interdisciplinary fields of modern bioinformatics, computer system biology and its applications in biology, medicine, pharmacology, bioengineering, biotechnology, genetics and plant and animal breeding gather in the Novosibirsk Academgorodok to discuss actual issues and present their scientific results.

In 2016, Multiconference BGRS\SB-2016 was attended by **628** (including 90 foreign) researchers and students from 25 countries. About 300 reports were presented (134 oral and 175 posters; materials are available at [BGRSSB2016 proceedings/](#)). See also full-text special journal issues [BMC Genomics](#), [BMC Evol Biol](#), [BMC Genetics](#) and [JBCB](#).

Multiconference BGRS\SB-2018 will include the following research sections and meetings:

- Section “Genomics, transcriptomics and bioinformatics”
- Section “Proteomics”
- Section “Systems Computational Biology”
- Section “Computer Pharmacology”
- Section “Bioinformatics and systems biology of plants”
- Section “Systems Biology of Aging”
- Section “Organization of education process for basic research in the field of bioinformatics, genetics and other natural sciences”

Satellite symposia:

- Symposium “Cognitive Sciences, Genomics and Bioinformatics” ([CSGB- 2018](#))
- Symposium “Systems biology and biomedicine” ([SbioMed-2018](#))
- Symposium “Biodiversity: genomics and evolution”
- Symposium “Mathematical modeling and high-performance computing in bioinformatics, biomedicine and biotechnology” ([MM-HPC-BBB-2018](#))
- Symposium “Animal Genetics”
- Symposium “Systems biology and bioinformatics of DNA repair processes and programmed cell death”

Chairman of the multiconference program committee: Academician of the Russian Academy of Sciences Nikolay Kolchanov.

The conference language is English.

Opening of the multiconference, as before, will take place in the House of Scientists of the Academgorodok (Novosibirsk). The sections and symposia will be held in the new building of the Novosibirsk State University. After BGRS\SB-2018 the traditional Young Scientists School ([«Systems biology and Bioinformatics, SBB'2018](#)) will start. SBB'2018 classes will be held at the Institute of Cytology and Genetics of the SB RAS.

The abstracts that the panel of experts from the sections and symposia will be recommended for full-text paper publication in special journal issues (WoS/Scopus indexed) BMC Genomics, BMC Plant Biology, BMC Evolutionary Biology, BMC Genetics, Journal of Bioinformatics and Computational Biology, and "Vavilov Journal of Genetics and Breeding". Full-text papers should be submitted **before June 10, 2018. Please contact guest editor Dr. Yuriy L Orlov (orlov@bionet.nsc.ru). Papers for special journal issues could be recommended by the experts **from all the sessions and symposia of the Multi-Conference**.**

After previous BGRS\SB-16 we organized special journal issues at BioMedCentral - BMC Genomics, BMC Evolutionary Biology, BMC Genetics; series of special issues were published after last year Belyaev Conference-2017 on genetics and Young Scientists School SBB-2017 in Novosibirsk (see <https://bmcbgenomics.biomedcentral.com/articles/10.1186/s12864-018-4476-5>). After previous events of the BGRS and SBB series, the thematic issues of the Journal of Bioinformatics and Computational Biology (JBCB) (<http://www.worldscientific.com/doi/abs/10.1142/S0219720018020018>) were published in 2018, 2017, 2014, 2012 and 2006.

Participants may submit full papers for inclusion in the IEEE Xplore Digital Library. IEEE has agreements with almost all of the top publishers, including Thomson Reuters, Elsevier, Google Scholar, ACM, IET etc. The Institute of Electrical and Electronics Engineers (IEEE) publish literature in the electrical and electronics engineering and computer science fields including biomedical engineering, bioengineering and bioinformatics. Full Paper Submission Deadline: 29 April 2018. Please follow this link for more information: http://conf.bionet.nsc.ru/bgrssb2018/en/full_papers/. IEEE Contact & Support: Grigoriy R. Khazankin, BGRS.SB@ieeesiberia.org.

For the conference participants the organizers prepared an interesting cultural program including: city tours to Novosibirsk, museums, a zoo, and unique pre-conference [tour to the Altai](#). Details are at the conference website.

Important dates:

- Last date of registration on the website and submitting abstracts for the conference **BGRS\SB-2018** and **CSGB- 2018** and **MM-HPC-BBB-2018** – **March 12**, 2018
- Notification of inclusion in the conference program BGRS\SB-2018 and CSGB- 2018 – April 1, 2018
- Notification of including in the MM&HPC-BBB-2018 program – April 20, 2018
- Dates of the Multiconference – August 20– 25, 2018
- Dates of the Symposium CSHG-2018 – August 24, 2018
- Dates of the Symposium MM&HPC-BBB-2018 – August 21-23, 2018
- Deadline for abstract submission on Symposium **SbioMed-2018** – **May 1**, 2018
- Notification of including in the SbioMed-2018 program – June 15, 2018
- Deadline for on-site registration SbioMed-2018 – August 15, 2018
- Dates of the Symposium SbioMed-2018 - August 22-23, 2018
- Last date of registration and submission of abstracts to the Young Scientists **School SBB-2018** – **April 1**, 2018
- Notification of the reports in the program of the Young Scientists School SBB-2018 – April 30, 2018
- Dates of the Young Scientists School SBB-2018 – 27-31 August, 2018
- Dates of the [tour to Altai mountains](#) – 14-18 August, 2018

Details of the [scientific program](#), [registration fee](#), [accommodation](#), [rules for submitting abstracts](#), you can see at the conference website.

Yours faithfully,

Conference Organizing Committee BGRS\SB-2018

Contact: bgrs2018@bionet.nsc.ru

Website of BGRS\SB-2018: <http://conf.bionet.nsc.ru/bgrssb2018/en/>

Site of the Institute of Cytology and Genetics SB RAS: www.bionet.nsc.ru