

Schedule of BGRS/SB-2022: 13th International Multiconference “Bioinformatics of Genome Regulation and Structure/Systems Biology”

04-08 July 2022, Novosibirsk, Russia, <https://bgrssb.icgbio.ru/2022/> (version for June 03)

Data / sections	Room 3307	Room 3312	Room 3313	Room 3318	Room 4310	Room 3314
JULY, 4	PLENARY REPORTS					
JULY, 5 <i>morning</i>	Plenary session of the symposium "Genomics, transcriptomics and bioinformatics"	Plenary session of the symposium "Systems computational biology"	Neurogenomics and genetics of Behavior	Plenary session of the symposium "Structural biology and pharmacology: computational and experimental approaches"	Plenary session of the symposium "Biomedicine, bioinformatics and systems computational biology"	
<i>evening</i>	Regulatory genomics	Reconstruction, computational analysis and modeling of biological systems	Neurogenomics of Behavior + Animal Models of Pathologies	Structural biology of proteins and membranes	Gene Expression and Human Diseases + Material Science and Regenerative Medicine	
JULY, 6 <i>morning</i>	Genomics and transcriptomics of plants and animals	Modeling of population and ecological systems and processes	Population and evolutionary genomics of wild and domestic animals	The role of synchrotron radiation and advanced instrumental techniques for macromolecular crystallography and pharmacology	Animal Models of Human Diseases	
<i>evening</i>	Functional and applied 3D genomics	Systems biology of aging: experimental and computational approaches	Mathematical immunology	Cheminformatics and chemical biology	Molecular Pathology, Diagnostics, and Therapeutics + Material Science and Regenerative Medicine	DNA repair
JULY, 7 <i>morning</i>	Genomics and transcriptomics of plants and animals	Genomics, genetics and system biology of plants	Mathematical epidemiology	Plenary session of the symposium "Biotechnologies: computational and experimental approaches"	Human medical/population genomics and genetics	
<i>evening</i>	Programmed cell death + DNA repair	Developmental biology of plants: computational and experimental approaches		Biotechnology through the prism of microbiome + Modeling and computer analysis of microbiological systems and processes	Human medical/population genomics and genetics	
JULY, 8 <i>morning</i>	Cognitive sciences, neurogenetics, neuroinformatics and systems computational biology	Genomics, genetics and system biology of plants	Big genetic Data: Analysis: deep learning, mathematical modeling and supercomputing	Industrial biotechnologies: creation of producer strains	Human medical/population genomics and genetics	
<i>evening</i>		Systems biology of aging: experimental and computational approaches		Microbial communities of natural and anthropogenic habitats	Human origin and evolution + Genome-wide association studies	Evolutionary genomics, bioinformatics, and molecular phylogeny

Multiconference BGRS/SB-2022 will include the following symposia:

1. Symposium “Genomics, transcriptomics and bioinformatics”:
2. Symposium “Systems computational biology”:
3. Symposium “Structural biology and pharmacology: computational and experimental approaches”:
4. Symposium “Evolutionary, population and medical genomics/genetics of human”:
5. Symposium “Biotechnologies: computational and experimental approaches”:
6. Symposium “Genetics, bioinformatics and systems biology of plants”:
7. Symposium “Animal genetics, bioinformatics and systems computational biology”:
8. Symposium “Biomedicine, bioinformatics and systems computational biology”

9. Symposium “Mathematics, bioinformatics and systems computational biology of COVID-19”
10. Symposium “Cognitive sciences, neurogenetics, neuroinformatics and systems computational biology”
11. Symposium “Systems biology and bioinformatics of DNA repair processes and programmed cell death”
12. Section “Systems biology of aging: experimental and computational approaches”
13. Symposium “Big genetic Data Analysis, deep learning, mathematical modeling and supercomputing”