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/

Data / sections	*Conference hall №1*	*Conference hall №2*	*Conference hall №3*	*Conference hall №4*	*Conference hall №5*	*C/h №6*
JULY, 4	**PLENARY REPORTS**					
JULY, 5 *morning*	**Plenary session** of the symposium "Genomics, transcriptomics and bioinformatics"	**Plenary session** of the symposium "Systems computational biology"	**Plenary session** of the symposium "Structural biology and pharmacology: computational and experimental approaches"	Neurogenomics and genetics of Behavior	**Plenary session** of the symposium "Biomedicine, bioinformatics and systems computational biology"	
evening	Regulatory genomics	Reconstruction, computational analysis and modeling of biological systems	Structural biology of proteins and membranes	Neurogenomics of Behavior + Animal Models of Pathologies	Gene Expression and Human Diseases + Material Science and Regenerative Medicine	
JULY, 6 *morning*	Genomics and transcriptomics of plants and animals	Modeling of population and ecological systems and processes	The role of synchrotron radiation and advanced instrumental techniques for macromolecular crystallography and pharmacology	Population and evolutionary genomics of wild and domestic animals	Animal Models of Human Diseases	
evening	Functional and applied 3D genomics	Systems biology of aging: experimental and computational approaches	Chemoinformatics and chemical biology	Mathematical immunology	Molecular Pathology, Diagnostics, and Therapeutics + Material Science and Regenerative Medicine	DNA repair
JULY, 7 *morning*	Genomics and transcriptomics of plants and animals	Genomics, genetics and system biology of plants	**Plenary session** of the symposium "Biotechnologies: computational and experimental approaches"	Mathematical epidemiology	Human medical/population genomics and genetics	
evening	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	Mathematical epidemiology	Human medical/population genomics and genetics	
JULY, 8 *morning*	Evolutionary genomics, bioinformatics, and molecular phylogeny	Genomics, genetics and system biology of plants	Industrial biotechnologies: creation of producer strains	Big genetic Data: Analysis: deep learning, mathematical modeling and supercomputing	Human medical/population genomics and genetics	
evening	Cognitive sciences, neurogenetics, neuroinformatics and systems computational biology	Systems biology of aging: experimental and computational approaches	Microbial communities of natural and anthropogenic habitats	Big genetic Data: Analysis: deep learning, mathematical modeling and supercomputing	Human origin and evolution + Genome-wide association studies	

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"