Schedule of BGRS/SB-2022: 14th International Multiconference "Bioinformatics of Genome Regulation and Structure / Systems Biology"
Краткое расписание: 14-я Международная Мультиконференция "Биоинформатика регуляции и структуры геномов / системная биология"

05-10 August 2024, Novosibirsk, Russia, https://bgrssb.icgbio.ru/2024/ (version for June 14)

№	Date	*Rooms:*	№**3307** (300)	№**3312** (100)	№**3318** (100)	№**3313** (40)	№**3314** (40)	№**4316** (100)
1.	**05.08** Monday (ПН)	*All day*	Participant registration / Регистрация участников. **Conference opening / Открытие конференции**. **Plenary session** in lecture hall 3307 / **Пленарные заседания** в поточной аудитории 3307 (*в один поток*)					
2.	**06.08** Tuesday (ВТ)	*Morning session*	1.4 Genome-wide transcriptomics (differential gene expression)	9.4 Innovative pharmacology	3.1 Structural biology of proteins, nucleic acids and membranes	2.3 Mathematical epidemiology	11.1 DNA replication and repair	
		Evening session	1.4 Genome-wide transcriptomics (differential gene expression)	9.7 Interstitial space and long extravascular drainage/transport pathways	3.1 Structural biology of proteins, nucleic acids and membranes	2.3 Mathematical epidemiology --- 2.2 Computational analysis and modeling of population, ecological and genetic systems and processes	11.1 DNA replication and repair --- 11.2 Transcription, splicing, translation	
3.	**07.08** Wednesday (СР)	*Morning session*	7.1 Genomics, genetics and systems biology of animals	9.1 Gene expression and human diseases	3.2. Pharmacology, cheminformatics and chemical biology	2.1 Reconstruction, computational analysis and modeling of gene networks and metabolic pathways	11.3 Apoptosis	9.2 «Molecular Pathology, Diagnostics, and Therapeutics
		Evening session	1.1 Structural-functional organization of genomes and transcriptomics	9.1 Gene expression and human diseases	8.4 Modeling and computational analysis of microbiological systems and processes	2.1 Reconstruction, computational analysis and modeling of gene networks and metabolic pathways --- 7.2 Animal genetic models of human pathologies on vertebrates and invertebrates	5.1 Population and evolutionary genetics/genomics of wild and domestic animals	9.2 «Molecular Pathology, Diagnostics, and Therapeutics
4.	**08.08** Thursday (ЧТ)	*Morning session*	1.2. Regulatory genomics	9.3 Gene and genome editing in modeling human pathological disease processes	12.1 Mathematical and simulation modeling, digital twins	8.3 Industrial biotechnology: creation of producer strains 2 ч 00 мин	5.2 Molecular phylogenetics and phylogenomics plants and fungi protists, prokaryotes and viruses	4.3 Genome-wide association studies
		Evening session	1.2. Regulatory genomics	9.3 Gene and genome editing in modeling human pathological disease processes	12.2 Mathematical immunology	8.2 Microbial communities of Natural and anthropogenic habitats	5.2 Molecular phylogenetics and phylogenomics plants and fungi, protists, prokaryotes and viruses	4.3 Genome-wide association studies --- 9.5 Tissue engineering

5.	**09.08** Friday (ПТ)	*Morning session*	1.3 Fundamental and applied 3D genomics	6.1 Genomics, genetics and systems biology of plants	12.3 Systems theory, big biological data analysis, ontologies and artificial intelligence	4.3 Human medical genomics/genetics	13. Genetics and systems biology of aging	
		Evening session	1.3 Fundamental and applied 3D genomics **---** 7.3 Neurogenomics and genetics of behavior	6.1 Genomics, genetics and systems biology of plants ---------- 6.2 Developmental biology of plants: computational and experimental approaches	12.3 Systems theory, big biological data analysis, ontologies and artificial intelligence	4.3 Human medical genomics/genetics	13. Genetics and systems biology of aging	
6.	**10.08** Saturday (СБ)	*Morning session*	8.1 Biotechnology through the lens of the microbiome	6.1 Genomics, genetics and systems biology of plants ---------- 6.3 Analysis of plant images for solving phenotyping problems	10.1 General problems in the study of cognitive processes; models of cognitive activity” ---------- 10.2 Neuroimaging and genotyping technologies for the diagnosis of neuropsychiatric disorders; methods of disease correction based on feedback technology; brain-computer interface technologies	4.1-4.2 Population and evolutionary human genomics/genetics	13. Genetics and systems biology of aging	
		Evening session	**Conference closing** Закрытие конференции			4.1-4.2 Population and evolutionary human genomics/genetics		