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- 1.2 Regulatory genomics
- 2.1 Reconstruction, computational analysis and modeling of biological systems
- 3.2 Structural biology of proteins and membranes
- 7.1 Animal Models of Pathologies
- 7.3 Neurogenomics and genetics of Behavior
- 8.1 Cellular and Molecular Biology in Human Health and Diseases
- 8.2 Experimental Pharmacology
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- 1.3 Functional and applied 3D genomics
- 2.2 Modeling of population and ecological systems and processes
- 3.1 The role of synchrotron radiation and advanced instrumental techniques for macromolecular crystallography and pharmacology
- 3.3 Chemoinformatics and chemical biology
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- 9.1 Mathematical immunology
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- 5.3 Industrial biotechnologies: creation of producer strains
- 5.4 Modeling and computer analysis of microbiological systems and processes
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Eduard Bocharov	All-D-enantiomeric peptide designed for Alzheimer's disease treatment dynamical		
Vasily Unguryan	Analysis of binding properties of influenza hemagglutinins and human receptor ana		
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Alexander Igoshin	Imputation-based whole-genome analysis identifies candidate variants affecting bo	
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Irina Meshcheryakova	The minimal medium irradiated with terahertz radiation induces proteins of homeo	
Eugeny Komyshev	Analysis of the size and color characteristics of wheat grains and their relationship t	
Eduard Fomin	Changes in the Phenology of Perennial Plants in Western Siberia against the Backgr	
Kirill Larichev	Development of CRISPR/Cas9-based genome editing constructs for Nevsky and Uda	
Elena Potokina	GBS assaying of F1 population obtained from self-pollination of muscadine grapevin	
Grigory Chepurinov	Inheritance of the type growth and maturity in Aegilops squarrosa, a donor of the C	
Roman Perfilov	Natural variation of E1-E4, E9, GmFT5a genes in 180 soybean accessions adapted to	6.1 Genomics, genetics and system biology of plants
Maria Duk	Structural Variation in Flax Linum Usitatissimum L. Genome	
Valeria Aleksandrovich	The low level of variability is depicted in plastomes of early soybean varieties	
Ekaterina Vodiasova	The molecular response to low-temperature stress in peach cultivars with different	
Olga Kiryanova	The new method of DNA barcoding	
Anatoly Zhigunov	Towards identification of genetic factors underlying curly birch wood patterning usi	
Vladislav Stanin	Transcriptional profiling of fusarium wilt in flax	
Liubov Povkhova	Transcriptome analysis of flax seeds and capsules	
Elena Pushkova	Transcriptomic analysis of generative and vegetative organs of male and female pop	
Mikhail Kozhekin	Wheat yield estimation based on analysis of UAV images at low altitude	
Vasily Kelbin	Whole genome sequencing and development of KASP markers for genotyping the V	10.0 Cognitive sciences, neurogenetics, neuroinformatics and systems computational biology
Anna Shvaikovskaya	Concordance between the in vivo concentrations of neurospecific proteins (BDNF, I	
Ekaterina Semina	Identification of a novel small RNA encoded in the mouse urokinase receptor uPAR	
Renata Enikeeva	Impact of P2RX7 and TNF/LTA gene polymorphisms in non-verbal intelligence in me	
Alexey Zakluta	Influence of sulfur metabolism genes on processes related to learning and memory	
Maryana Morozova	tion of influence of the gut microbial composition associated with colitis on mice b	12.0 Systems biology of aging: experimental and computational approaches
Ekaterina Zalomaeva	Memory formation in Drosophila with neurospecific suppression limk1 gene expres	
Alena Bumyasheva	Alterations of glutamatergic/GABAergic systems during healthy aging and Alzheim	
Daniil Peunov	Analysis of changes in microglia and cerebral endothelium in hippocampus of OXYS	
Daniil Yukhtanov	Analysis of mitochondrial supply of neuronal processes during the postnatal brain r	
Oyuna Kozhevnikova	Aqueous humor complement factor I concentration is associated with SNP of CFI ge	
Olga Krasnova	Autophagy activation in 3D-spheroid leads to the mesenchymal stem cells rejuvena	
Darya Telegina	Both melatonin and mitochondrial antioxidant SkQ1 had different effect on the reti	
Elena Kondakova	Comprehensive biomarkers of accelerated aging and mortality risk in end-stage ren	
Natalia Myrалеva	MEK1/2-ERK 1/2-dependent alphaB-crystallin phosphorylation in retina: a focus on	
Tatiana Kozlova	Morphological feature of the postnatal blood-brain barrier formation as one of pre	13.0 Big genetic Data Analysis, deep learning, mathematical modeling and supercomputing
Anna Antonenko	The daily cycle of glutamate in the retina of OXYS rats during aging and the develop	
Dmitrii Smirnov	The emerging role of SIRT6 in the mitochondrial regulation	
Yurii Orlov	Artificial intelligence implementation in pharmaceutical products lifecycle	
Nikita Artemenko	Glume pubescence prediction of spikelets using computer vision techniques	
Shaburova Elizaveta	Improved MHC peptide class I interaction prediction with pretrained transformer	
Gaik Tamazian	Pygenomics: Python package for processing genomic intervals and bioinformatic da	
Igor Busov	The system of computer vision for extracting quantitative characteristics of wheat s	