

Conference time: UTC+5:00 (Moscow Time Zone +2 hours)

Immunology. Biomedical and molecular genetic aspects

MAY 26
09.30-10.50 (EKB)

Hall 2 - Repina st., 2

Chairs: Bocharov G., Tuzankina I.A.

9.30-9.50	Bocharov G. Grebennikov D. Savinkov R.S. <i>Moscow</i>	Mathematical Modelling of Antiviral Immune Responses to SARS-CoV-2
9.50-10.05	Grebennikov D. Bocharov G. <i>Moscow</i>	Multiscale modeling of immune response to virus infections
10.05-10.25	Tuzankina I.A. <i>Ekaterinburg</i>	Immunology of the 21st century - an interdisciplinary problem // Иммунология 21-го века – междисциплинарная проблема
10.25-10.40	Vlasova E.V. <i>Ekaterinburg</i>	New Immunodeficiency - BACH-2 Syndrome // Новый иммунодефицит - синдром BACH-2
10.40-10.50	Deryabina S.S. <i>Ekaterinburg</i>	Personalized medicine: illusion or reality // Персонализированная медицина: иллюзия или реальность

Immunology. Biomedical and molecular genetic aspects

MAY 26
11.00-12.30 (EKB)

Hall 2 - Repina st., 2

Chairs: Zamorina S.A., Sannikova O.Yu.

11.00-11.10	Vlasova E.V. <i>Ekaterinburg</i>	Curative technologies for Nijmegen syndrome // Куративные технологии при синдроме Ниймеген
11.10-11.20	Zamorina S. Rayev M. Khramtsov P. <i>Perm</i>	Interaction of graphene oxide nanoparticles with Jurkat cells in the Cell-IQ system
11.20-11.30	Timganova V. Zamorina S.	Glycodelin in regulation of differentiation of IL-17-producing helper t cells

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	<i>Perm</i>	
11.30-11.40	Shardina K.U. Timganova V. Zamorina S. Bochkova M.S. Bochkova M.S. Uzhviyuk S.V. <i>Perm</i>	Chorionic gonadotropin as a factor of differentiation of myeloid-derived suppressor cells
11.40-11.50	Demicheva E. Averchenko M. Ahremenko I. Ushenin K. Bolkov M. <i>Ekaterinburg</i>	Gene expression profiling in patients with RBCK1 (HOIL1) deficiency.
11.50-12.00	Shinwari K. <i>Ekaterinburg</i>	Diagnostic difficulties of the Sanger method for identifying causal mutations using the example of congenital neutropenia
12.00-12.15	Sarkisiyan N.G. Khlystova K.A. Chumakov N.S. <i>Ekaterinburg</i>	Reparative features of the oral mucosa taking into account the activation of innate immunity // Репаративные особенности слизистой полости рта с учетом активации врожденного иммунитета
12.15-12.30	Sannikova O.Yu. <i>Ekaterinburg</i>	Osteoporosis. About genetic, immunological and pathophysiological aspects // Остеопороз. О генетических, иммунологических и патофизиологических моментах

Hall 1 - [Popova st., 30](#)

13.00-15.00 [THE GRAND OPENING. PLENARY LECTURES](#)

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**Molecular, cellular and genetic investigations and technologies
in biology and medicine**

**MAY 26
15.15-16.30 (EKB)**

Hall 2 - Repina st., 2

Chairs: Yushkov B.G., Maklakova I.Yu.

15.15-15.35	Yushkov B.G. <i>Ekaterinburg</i>	Arrhythmogenic effect of heart stem cells
15.35-15.55	Maklakova I.Yu. Grebnev D. Yu. <i>Ekaterinburg</i>	Effects of multipotent mesenchymal stromal and hepatic stellate cells on reparative regeneration of the liver
15.55-16.15	Zotova N. Gusev E.Yu. <i>Ekaterinburg</i>	Systemic inflammation in critical states: different nature - one pathological basis
16.15-16.30	Razumeeva S.A. Zotova N. <i>Ekaterinburg</i>	Changes in saliva biochemical and hormone parameters in wrestlers at the stage of the highest sports skill during the annual training cycle

**Molecular, cellular and genetic investigations and technologies
in biology and medicine**

**MAY 26
17.00-18.15 (EKB)**

Hall 2 - Repina st., 2

Chairs: Bushueva T.

17.00-17.20	Naumova A. Bushueva T. Minigalieva I. Katsnelson B.A. <i>Ekaterinburg</i>	Study of primary cell effects of cadmium sulfide and lead sulfide nanoparticles on endothelial cell culture
17.20-17.40	Artemenko E. Bushueva T. Minigalieva I. <i>Ekaterinburg</i>	Using fibroblast culture to study combined cytotoxicity of metal oxide nanoparticles
17.40-18.00	Khramtsova Yu.S. Artashyan O.S. Tyumentseva N.V.	Mast cells of the urogenital system in postnatal ontogenesis

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	Vlasova A. Zhilyakova M. <i>Ekaterinburg</i>	
18.00- 18.15	Pushkina M.A. <i>Ekaterinburg</i>	Reaction of the testis connective tissue to blood injury