

**Russian Conference with International Participation**  
**"EXPERIMENTAL AND COMPUTATIONAL BIOMEDICINE"**

in memory of Professor Vladimir S. Markhasin  
 Ekaterinburg, May 26-28, 2021

**PRELIMINARY SCIENTIFIC PROGRAM**

**May 26 (ON-SITE day)**

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

Hall №1 – [Popova st., 30](#)

Hall №2 – [Repina st., 2](#)

Hall №3 – [Moskovskaya st, 12](#)

09.00-09.30 Registration of conference participants (Hall №1, Hall №2, Hall №3)

	09.30-10.50	10.50-11.00	11.00-12.30	12.30-13.00	13.00-15.00	15.00-15.15	15.15-16.35	16.35-17.00	17.00-18.30
Hall №1	Biomechanics. Experiments and mathematical models	<b>BREAK</b>	Experimental and computational models in cardiovascular physiology and cardiology	<b>BREAK</b>	Hall №1  THE GRAND OPENING (welcome address and memorial talk by O. Solovyova)  PLENARY LECTURES  M. Sutunkova A. Avetisyan S. Fedotov	<b>BREAK</b>	Experimental and computational models in cardiovascular physiology and cardiology	<b>BREAK</b>	Experimental and computational models in cardiovascular physiology and cardiology
Hall №2	Immunology. Biomedical and molecular genetic aspects		Immunology. Biomedical and molecular genetic aspects				Molecular, cellular and genetic investigations and technologies in biology and medicine		Molecular, cellular and genetic investigations and technologies in biology and medicine
Hall №3	Toxicology. Bioprophylaxis of occupational and environmentally related diseases.		Toxicology. Bioprophylaxis of occupational and environmentally related diseases.						

## May 27 (ONLINE day)

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

	9.30-11.20		11.25-12.55		13.00-14.55		15.00-17.15		17.20-19.30
Stream №1	<a href="#">Experimental and computational models in cardiovascular physiology and cardiology</a>	BREAK	<a href="#">Experimental and computational models in cardiovascular physiology and cardiology</a>	BREAK	PLENARY LECTURES  V. Chereshnev O. Kovtun P. Kohl A. McCulloch	BREAK	<a href="#">Experimental and computational models in cardiovascular physiology and cardiology</a>	BREAK	<a href="#">Experimental and computational models in cardiovascular physiology and cardiology</a>
Stream №2	9.30-11.15		11.25-12.45				15.10-16.40		
	<a href="#">Biomechanics. Experiments and mathematical models</a>		<a href="#">Biomechanics. Experiments and mathematical models</a>				<a href="#">Biomechanics. Experiments and mathematical models</a>		
Stream №3	9.30-11.20		11.30-12.50				15.10-17.55		
	<a href="#">New materials and advanced medical technologies</a>	<a href="#">New materials and advanced medical technologies</a>	<a href="#">New materials and advanced medical technologies</a>						
Stream №4	9.30-11.25	11.30-12.55	15.05-15.20						
	<a href="#">Analytical and computer epidemiology. Old and new infections, modern technologies for prevention and treatment</a>	<a href="#">Immunology. Biomedical and molecular genetic aspects</a>	<a href="#">Molecular, cellular and genetic investigations and technologies in biology and medicine</a>						

**May 28 (ONLINE day)**

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

**Joint Symposium with “IEEE Ural-Siberian Conference on Computational Technologies in Cognitive Science, Genomics and Biomedicine (CSGB)”**

	9.00-10.45	10.45-11.00	11.00-12.45	12.45-13.00	13.00-14.55	14.55-15.00	15.00-17.15	17.15-17.30	17.30-19.00
	Computational and Experimental Techniques in Bio-Medicine and In-Silico Medicine	BREAK	Computational and Experimental Techniques in Bio-Medicine	BREAK	PLENARY LECTURES NSB NSB A. Panfilov I. Efimov	BREAK	Computational Imaging and Data Processing in Bio-Medicine	BREAK	Computational Modeling in Physiology and Medicine