





Vth SECHENOV INTERNATIONAL BIOMEDICAL SUMMIT (SIBS-2021)



ORGANIZING COMMITTEE

ORGANIZER



Federal State Autonomous Educational Institution of Higher Education I.M. Sechenov First Moscow State Medical University of the Ministry of Health of the Russian Federation (Sechenov University)

SUPPORTED BY



ORGANIZING COMMITTEE CO-CHAIRS



Petr V. Glybochko — M.D., Professor, member of the Russian Academy of Sciences, Rector, I.M. Sechenov First Moscow State Medical University (Sechenov University)



Valerian E. Kagan — PhD, DSc, Professor, Senior Researcher, Institute for Regenerative Medicine, I.M. Sechenov First Moscow State Medical University (Sechenov University), Professor, Environmental and Occupational Health Vice Chair of Research, Environmental and Occupational Health, University of Pittsburgh



Stephen F. Badylak — DVM, PhD, MD, Professor, Department of Surgery; Professor, Department of Bioengineering, McGowan Institute for Regenerative Medicine

VICE-CHAIRMEN



Andrey A. Svistunov — PhD, Professor, Corresponding Member of RAS, First Vice Rector, I.M. Sechenov First Moscow State Medical University (Sechenov University)



Denis V. Butnaru — MD, PhD, Vice-Rector for Research, I.M. Sechenov First Moscow State Medical University (Sechenov University)

ORGANIZING COMMITTEE

MEMBERS



Peter S. Timashev — D.Sc., Head of the Sechenov Biomedical Science & Technology Park, Director of the Institute for Regenerative Medicine, I.M. Sechenov First Moscow State Medical University (Sechenov University)



Marina I. Sekacheva — MD, PhD, Professor, Professor, Head of the Institute for Personalized Medicine, I.M. Sechenov First Moscow State Medical University (Sechenov University)



Filipp Yu. Kopylov — MD, PhD, Professor, Head of the Institute of Personalized Cardiology, I.M. Sechenov First Moscow State Medical University (Sechenov University)



Vadim V. Tarasov — Head of the Department of Pharmacology, Head of the Institute for Pharmaceutical Science and Translational Medicine, I.M. Sechenov First Moscow State Medical University (Sechenov University)



Dmitry V. Telyshev — PhD, Head of the Institute for Bionic Technologies and Engineering, I.M. Sechenov First Moscow State Medical University (Sechenov University)



Tatyana M. Zharikova — Deputy Director of the Institute for Regenerative Medicine of I.M. Sechenov First Moscow State Medical University (Sechenov University)

PROGRAM COMMITTEE

CHAIRMAN



Denis V. Butnaru — MD, PhD, Vice-rector for Research, I.M. Sechenov First Moscow State Medical University (Sechenov University)

VICE-CHAIRMEN



Valerian E. Kagan — PhD, DSc, Professor, Senior Researcher, Institute for Regenerative Medicine, I.M. Sechenov First Moscow State Medical University (Sechenov University), Professor, Environmental and Occupational Health Vice Chair of Research, Environmental and Occupational Health, University of Pittsburgh



Dr. Badylak — DVM, PhD, MD, Professor, Department of Surgery; Professor, Department of Bioengineering, McGowan Institute for Regenerative Medicine

MEMBERS



Peter S. Timashev — D.Sc., Head of the Sechenov Biomedical Science & Technology Park, Director of the Institute for Regenerative Medicine, I.M. Sechenov First Moscow State Medical University (Sechenov University)



Marina Igorevna Sekacheva — MD, PhD, Professor, Professor, Head of the Institute for Personalized Medicine, I.M. Sechenov First Moscow State Medical University (Sechenov University)



Filipp Yu. Kopylov — MD, PhD, Professor, Head of the Institute of Personalized Cardiology, I.M. Sechenov First Moscow State Medical University (Sechenov University)



Vadim V. Tarasov — Head of the Department of Pharmacology, Head of the Institute for Pharmaceutical Science and Translational Medicine, I.M. Sechenov First Moscow State Medical University (Sechenov University)



Dmitry V. Telyshev — PhD, Head of the Institute for Bionic Technologies and Engineering, I.M. Sechenov First Moscow State Medical University (Sechenov University)



GENERAL INFORMATION

EVENT PARTICIPATION: BROADCASTING, VISITING THE EXHIBITION

All sessions will be live-streamed and available through the Personal Account at the website of the event.

The summit is scheduled in local Moscow time; UTC +3.

For a more convenient transition to broadcasts, we recommend installing the Zoom application on your computer in advance from this link https://zoom.us/download.

It is important to log into Zoom using the same e-mail that you registered on the event site.

BASIC SESSION STRUCTURE

- 15 minutes before the session: The organizer will start the Zoom meeting.
- 5 minutes before the session: The organizer will start the recording.
- 1 minute before the session: The session moderator introduces the session.
- Beginning of the session: The session moderator will introduce the presenters.
- A live Q&A Session will follow each talk, moderated by the session moderator.
- Participants will be muted and they will need submit questions during the presentation in the FAQ section.
- The session moderator will select and ask the questions during the Q&A session.

SPEAKER INFORMATION FOR ON-SITE OR REMOTE PRESENTATION

All speakers and session moderators will be briefed by the conference organizers regarding the format of their participation, use of the online platform and their role. Speakers that cannot attend their live session can provide a recorded video presentation although live participation is encouraged to facilitate Q&A.

Remote Speakers

- Technical testing services are available for the speakers before the event.
- Please refer to the program to make sure that you connect to your session 15 minutes before the beginning (15 minutes before
 the session at the latest).
- Make sure to start your connection to zoom with your camera OFF and your mic OFF, just in case your session has already begun
 and you are directly live.
- Remember that you will share your presentation the regular way, using Zoom's sharing options.
- You will be able to see and hear both remote and on-site speakers as the usual way of a zoom meeting.
- The questions received on-site or remotely will be reported to you by the session moderator.

On-site speakers

- Upon their arrival to the event venue (Congress Center of the Sechenov University, Trubetskaya, 8), on-site speakers must upload their presentation (PDF or powerpoint) on the Presentation Desk. Please note that the upload of presentation is not possible in the session room directly on your PC and neither via an USB stick. We recommend to the speakers to arrive well in advance of their session to handle the slides to the Presentation Desk.
- On-site presentations will be live recorded and live-streamed.
- Please, stay at the speaker table during your presentation during the video-recording of your presentation.

EXHIBITION

A virtual exhibition will be organized as a part of the event. The materials of the exhibition can be found in the Personal Account. During the event, at the stands of the companies there will be representatives who can be contacted by writing in a chat or making a video call. Also in the Personal Account there is a quiz MARATHON OF KNOWLEDGE, answers to questions can be obtained after reading the materials of the companies participating in the exhibition. The results will be announced at the closing ceremony. Winners will be selected using a random number generator and prizes from the companies and the Organizing Committee will be sent within two weeks.

ONLINE POSTER SESSION

Posters are available in the Personal Account at the website of the event.

Poster presentations combine a two-minute pre-recorded oral presentation with a digital poster (PDF format) to facilitate the rapid communication of scientific ideas. During these presentations, viewers visually guide themselves at their own pace through the basics of the study displayed on the digital poster, while the pre-recorded presentation focuses on explanation, clarification, and discussion of key elements of the work.

VIDEO PRESENTATIONS

Video presentations will be available in participants' Personal Accounts in a month from the dates of the summit.

CERTIFICATES OF PARTICIPATION

Certificates will be uploaded in participants' Personal Accounts not later than 20 days after the event.

CONTACTS

Technical partner of the event — Trialogue Ltd.

tel.: +7 (499) 390-34-38, +7 (926) 848-23-58

fax: +7 (499) 137-34-79

e-mail: sechenov-sibs@confreg.org

Event website: https://sechenov-sibs.confreg.org/

SCIENTIFIC PROGRAM

The Vth Sechenov International Biomedical Summit 2021 (SIBS–2021) hosts **3 Plenary Sessions**, **10 Oral Sessions** and **Symposium "Theranostics in Oncology"** that includes **4 Oral Sessions**.

9-10 November 2021: SIBS-2021

SIBS-2021 is an event of great current relevance and interest. It will provide an inspiring program, covering a wide spectrum of topics in the field of digital and practical developments in biomedicine and applied technologies. About 300 specialists are traditionally expected at the event: geneticists, pharmacologists, personalized medicine doctors, experts in the field of cell and gene therapy, tissue engineering and regenerative medicine.

List of Oral Sessions

- Biodesign
- Biophotonic and Microcirculation (SPIE)
- Digital Cardiology: Big Data, Data Processing Algorithms
- Digital Oncology
- Emerging Viral Infections
- · Medical Elementology in Cardiology and Oncology
- Molecular Oncology and Targeted Drug Delivery
- Multiomics
- Technological Platforms for Creation of Innovative Gene Therapy Drugs and Vaccines
- Thrombus Formation: Microfluidics and Mathematical Modeling

10-11 November 2021: Symposium "Theranostics in Oncology"

Symposium "Theranostics in Oncology" is a forum, where the most significant results in the rapidly growing field of innovative technologies for the diagnosis and treatment of cancer will be presented. The success of modern fundamental and clinical oncology is strongly associated with the development and implementation of innovative materials with controlled properties, promising bioengineering solutions based on biomimetic constructs, the use of molecular analytical methods based on liquid biopsy technology, as well as the development of new molecular structures capable of inhibition of pathological processes. The use of modern methods of physicochemical analysis, including various options of mass spectrometry for the early diagnosis of oncological diseases, is one of the topical areas covered in depth and in breadth within the Symposium framework.

Supported by the Ministry of Education and Science of the Russian Federation, grant No. 075-15-2019-192

List of Oral Sessions:

- Bioengineering with Application of Photonic and Cellular Technologies
- Controlled Biomaterials
- Liquid Biopsy
- Mass Spectrometry in Oncology



PROGRAM SCHEDULE

	09.11.2021 (Tuesday)					
08:00-09:00	Joining the online conference. Introduction to the technical information					
Hall	Sechenov					
09:00-09:30	Opening and Welcome					
Invitees:	Andrey V. Lisitsa, Institute o Elena V.Zagaynova, Lobachevsky State Universit	of Biomedical (y of Nizhny No y Novgorod, R Science and T	Chemistry, Moscow, Russia ovgorod — National Research University (UNN), ussia echnology (Skoltech), Moscow, Russia			
09:30-11:00	Pl	enary Session	1			
Moderator:	Denis V. Butnaru, Sec	chenov Univer	sity, Moscow, Russia			
09:30-10:00						
10:00-10:30		Key Speaker can Paul Thiery rsity of Singap ne EMT Phenot	ore, Singapore			
10:30-11:00	Lobachevsky State University of Nizhny Novgorod	Key Speaker Elena V.Zagaynova Lobachevsky State University of Nizhny Novgorod – National Research University (UNN), Nizhny Novgorod, Russia Fluorescence lifetime imaging for translational research in regenerative medicine				
11:00-11:10	Exh	ibition Openi	ng			
11:10-11:30		Break				
Hall	Sechenov	Hall	Pirogov			
11:30-13:00	Biodesign	11:30-13:00	Digital Oncology			
Moderators:	Petr S. Timashev, Sechenov University, Moscow, Russia Elena V.Zagaynova, Lobachevsky State University of Nizhny Novgorod — National Research University (UNN), Nizhny Novgorod, Russia Jointly with Nizhny Novgorod (UNN)	Moderators:	Marina I.Sekacheva Sechenov University, Moscow, Russia Natalia R. Polushkina, Biomedial Cluster, Skolkovo Foundation, Moscow, Russia Jointly with Skolkovo (Biomedial Cluster)			
13:00-14:00	, , ,	ak. Poster Sessi	,			
Hall	Sechenov	Hall	Pirogov			
14:00-15:45	Biodesign	14:00-16:00	Multiomics			
Moderators:	Petr S. Timashev Sechenov University, Moscow, Russia Stanislav A. Evlashin, Skoltech, Moscow, Russia Jointly with Skoltech	Marina I.Sekacheva Sechenov University, Moscow, Russia Sechenov University, Moscow, Russia Stanislav A. Evlashin, Skoltech, Moscow, Russia Moderators: Moderators: Moderators: Moderators: Dolgoprudny, Russia				
15:45-16:00	Break					
Hall	Sechenov	Hall	Pirogov			
16:00-17:30	Biodesign	16:00-17:30	Medical Elementology in Cardiology and Oncology			
Moderators:	Petr S. Timashev Sechenov University, Moscow, Russia Evgeny A. Shirshin Moscow State University, Moscow, Russia Jointly with Moscow State University 16:00-17:30 Medical Elementology in Cardiology and Oncology Marina I.Sekacheva Sechenov University, Moscow, Russia Anatoly V.Skalny Sechenov University, RUDN University, Moscow, Russia Timur H. Fatkhudinov RUDN University, Moscow, Russia Jointly with RUDN University					
17:30-18:00	Brea	ak. Poster Sessi	ion			
Hall		Sechenov				
18.00-19.30	Young	Young Scientists' Session				
Moderators:	Denis V. Butnaru, Petr S. Timashev, Marina I. Sekacheva, Dmitry V. Telyshev, Vadim V.Tarasov Sechenov University, Moscow, Russia					

	10.11.2021 (Wednesday)					
08:00-09:00	Joining the online conference. Introduction to the technical information					
Hall		Sechenov				
09:00-11:00	Plenary Session 2					
Moderator:	Alexander N.Lukashev, Sechenov University, Moscow, Russia					
09:00-09:30		Sech	Alexander N.Lukashev nenov University, Moscow, Ru COVID aftermath	ıssia		
09:30-10:00	Roman A	Ivanov, Sirius G	University of Science and Te ene Therapy: Promise vs.Reali	echnology, Soci ity	hi, Russia	
10:00-10:30			search Center for Epidemiolo amaleya of the Russian Mini			
10:30-11:00		ite of Molecula	Sergey M. Deyev ioorganic Chemistry, Russia rr Medicine, Sechenov Univer ranostics. Successes, problems	rsity, Moscow,		
11:00-11:30			Break			
Hall	Sechenov	Hall	Pirogov	Hall	Abrikosov	
11:30-13:00	Digital Cardiology: Big Data, Data Processing Algorithms	11:30-13:00	Technological Platforms for Creation of Innovative Gene Therapy Drugs and Vaccines	11:30-13:00	Molecular Oncology and Targeted Drug Delivery	
Moderators:	Philipp Yu. Kopylov Sechenov University, Moscow, Russia Simon T. Matskeplishvili Faculty of Fundamental Medicine Moscow State University, Moscow, Russia Jointly with Moscow State University	Moderators:	Vadim V. Tarasov, Sechenov University, Moscow, Russia Vladimir M. Trukhan, Sechenov University, Moscow, Russia Roman A.Ivanov, Sirius University of Science and Technology, Sochi, Russia Jointly with Sirius	Moderators:	Andrey A. Zamyatnin Sechenov University, Moscow, Russia Alexander G.Tonevitsky HSE University, Moscow, Russia Jointly with HSE University	
13:00-13:30			Break.Poster Session			
Hall	Sechenov	Hall	Pirogov	Hall	Abrikosov	
13:30-15:00	Biophotonic and Microcirculation (SPIE)	13:30-15:00	Emerging Viral Infections	13:30-15:30	Bioengineering with Application of Photonic and Cellular Technologies	
Moderators:	Dmitry V.Telyshev Sechenov University, Moscow, Russia Marat F. Bulatov Scientific and Technological Center of Unique Instrumentation of RAS, Moscow, Russia	Moderators:	Alexander N.Lukashev Sechenov University, Moscow, Russia Jointly with Jan Felix Drexler, Charité, Berlin, Germany	Moderator:	Roman A. Akasov Institute of Bioorganic Chemistry, RAS, Moscow, Russia	
15:00-15:30		Break				
Hall	Sechenov	Hall		Pirogov		
15:30-17:00	Thrombus Formation: Microfluidics and Mathematical Modeling	15:30-17:15	Controlled Biomaterials			
Moderators:	Yuri V. Vassilevski Sechenov University, Moscow, Russia Mikhail A. Panteleev Center for Theoretical Problems of Physicochemical Pharmacology RAS, Moscow, Russia	Moderator:	Olga A. Sindeeva Skolkovo Institute of Science and Technology, Moscow, Russia			
17:00-17:30	Break	17:15-17:30		Break		

	10.11.2021 (Wednesday)
Hall	Sechenov
17:30-19:00	Plenary Session 3
Moderator:	Dmitry V. Telyshev Sechenov University, Moscow, Russia
17:30-18:00	Massoud Vosough Royan Institute for Stem Cell Biology, Tehran, Iran COVID19 and Innovative Cell-based therapies
18:00-18:30	Dmitry Malin, Department of Medicine, University of Wisconsin Carbone Cancer Center, University of Wisconsin-Madison, Madison, USA Developing cell-based models for fundamental and translation cancer research
18:30-19:00	Igor R. Efimov, Washington University, Washington, USA Wireless networks of transient, implantable, and wearable cardiac bioelectronics
19:00-19:15	Final Remarks. Closing Ceremony
	11.11.2021 (Thursday)
08:00-09:00	Joining the online conference. Introduction to the technical information
Hall	Abrikosov
09:00-11:30	Mass Spectrometry in Oncology
Moderator:	Vladimir E. Frankevich FSBI «National Medical Research Center for Obstetrics, Gynecology and Perinatology named aft er V.I.Kulakov», Ministry of Health of the Russian Federation, Moscow, Russia
11:30-12:00	Break
12:00-13:30	Liquid Biopsy
Moderator:	Anna V.Maslennikova Privolzhsky Research Medical University, Nizhny Novgorod, Russia
13:30-14:00	Final Remarks. Closing of the Symposium "Theranostics in Oncology"

PROGRAM

09.11.2021 (Tuesday)					
08:00-09:00	Joining the online conference. Introduction to the technical information				
Hall	Sechenov				
09:00-09:30	Ope	ning and Welc	come		
Invitees:	Elena V.Zagaynova, Lobachevsky State Universit Nizhi Iskander Akhatov, Skoltech Institute o	ty of Nizhny N ny Novgorod, I of Science and T	Chemistry, Moscow, Russia ovgorod — National Research University (UNN), Russia Iechnology (Skoltech), Moscow, Russia Delhi, Dehli, India		
09:30-11:00	P	lenary Session	1		
Moderator:	Denis V. Butnaru, Se	chenov Unive	rsity, Moscow, Russia		
09:30-10:00	National Center for Nano		g e <mark>chnology, Beijing, China</mark> pharmaceutical development		
10:00-10:30	National Unive		ry pore, Singapore types in Carcinoma		
10:30-11:00	Lobachevsky State University of Nizhny Novgorod	Key Speaker Elena V.Zagaynova Lobachevsky State University of Nizhny Novgorod — National Research University (UNN), Nizhny Novgorod, Russia Fluorescence lifetime imaging for translational research in regenerative medicine			
11:00-11:10	Ex	hibition Open	ing		
11:10-11:30		Break			
Hall	Sechenov	Hall	Pirogov		
11:30-13:00	Biodesign	11:30-13:00	Digital Oncology		
Moderators:	Petr S. Timashev, Sechenov University, Moscow, Russia Elena V.Zagaynova, Lobachevsky State University of Nizhny Novgorod — National Research University (UNN), Nizhny Novgorod, Russia Jointly with Nizhny Novgorod (UNN)	Moderators:	Marina I.Sekacheva, Sechenov University, Moscow, Russia Natalia R. Polushkina, Biomedial Cluster, Skolkovo Foundation, Moscow, Russia Jointly with Skolkovo (Biomedial Cluster)		
11:30-11:45	Sehyun Shin Korea University, Seoul, South Korea Microfluidic technologies for assessment blood rheology and thrombosis	11:30-11:45	Giuseppe Scuderi Scientific and Technology Park of Sicily, Italy Experience of State tecnical park of Sicily, Smart medicine and Medical IT in oncology		
11:45-12:00	Daria S. Kuznetsova Institute of Experimental Oncology and Biomedical Technologies, Privolzhsky Research Medical University, Nizhny Novgorod, Russia FLIM imaging and heterogeneous scaffolds in bone tissue engineering	11:45-12:00	Vladimir Lazar V., WIN Consortium, Paris, France Digital Precision Predictor: New Model in Oncology		
12:00-12:15	Boris W. Kramer Maastricht University, Maastricht, Netherlands Stem cell therapy — why have we not made more clinical progress?	ris W. Kramer sity, Maastricht, Netherlands - why have we not made more Marina I.Sekacheva, Sechenov University, Moscow, Russia Digital Models Based on Real-World Clinical			
12:15-12:30	Yury A.Rochev National University of Ireland Galway, Ireland Sechenov University, Moscow, Russia Hyaluronan as a multifunctional therapeutic system	12:15-12:30	Filip Držík, Thermo Fisher Scientific Genexus : revolution in precision Oncology because cancer don't wait and neither should you		
12:30-12:45	Artem A. Antoshin Sechenov University, Moscow, Russia Investigating the behavior of 3D-cultivated stem cells in a capillary bioreactor under space flight conditions	12:30-12:45	Alexander A. Rozhkov Sechenov University, Moscow, Russia Possibilities of the Clinical Decision Support Program in Oncology		

	09.11.2021	(Tuesday)	
12:45-13:00	Summig Up, Q&A	12:45-13:00	Yuri I. Komarov N.N. Petrov National Medicine Research Center of oncology, Saint-Petersburg, Russia Efficient ETL pipeline for oncology service assessment
13:00-14:00	Bro	eak.Poster Sess	ion
Hall	Sechenov	Hall	Pirogov
14:00-15:45	Biodesign	14:00-16:00	Multiomics
Moderators:	Petr S. Timashev Sechenov University, Moscow, Russia Stanislav A. Evlashin Skoltech, Moscow, Russia Jointly with Skoltech	Moderators:	Marina I. Sekacheva Sechenov University, Moscow, Russia Anton A.Buzdin Sechenov University, Moscow, Russia, MIPT, Dolgoprudny, Russia Denis V. Kuzmin MIPT, Dolgoprudny, Russia Jointly with MIPT
	Invited talk Laichang Zhang Edith Cowan University, Perth, Australia Mechanical behavior of 3D printed biomedical titanium alloy porous scaffolds	14:00-14:15	Anton Buzdin Sechenov University, Moscow, Russia MIPT, Dolgoprudny, Russia Integration of Genomic, Transcriptomic and Proteomic Data in Oncology
14:00-14:30		14:15-14:30	Ira-Ida Skvortsova Chair of EORTC PathoBiology Group, Belgium Proteomic and lipidomic data for finding radioresistance and invasiveness biomarkers in breast cancer
14:30-14:45	Yusuf T. Özkul Erciyes University, Kayseri, Turkey Personalized Medicine	14:30-14:45	Nikolay Borisov Moscow Institute of Physics and Technology, Dolgoprudny, Russia Expression data normalization in oncology: technical details that change everything
14:45-15:00	Ilya Okulov University of Bremen, Bremen, Germany Hybrid metal-polymer composites for biomedical applications	14:45-15:00	Ella Kim Laboratory for Experimental Neurooncology, Johannes Gutenberg University Medical Centre Mainz, Germany Transcriptome of glioblastoma stem cells and impacts on therapy
15:00-15:15	Stanislav A. Evlashin Skoltech, Moscow, Russia Metal 3D printing for medical implants	15:00-15:15	Sergey Larin Dmitry Rogachev National Medical Research Center of Pediatric Hematology, Oncology and Immunology, Moscow, Russia OMICS data for therapeutic cell based technologies in oncology
15:15-15:30	Robert A. Guryanov Clinic of plastic surgery "MedLaz", Moscow, Russia Computer-assisted genioplasty	15:15-15:45	Xinmin Li Technology Center for Genomics & Bioinformatics, University of California, Los Angeles, USA
15:30-15:45	Svintsitski Rouslan 3DCERAM, Limoges, France Ceramic 3D printing for biomedical applications		Changing Technologies of RNA Sequencing and their Applications in Clinical Oncology: From Bulk, Single-Cell to Spatial RNA Sequencing
15:45-16:00	Break	15:45-16:00	Gonçalo Carvalho Genotyping TSS, Thermo Fisher Scientific Innovative microarray solutions for predictive genomics

09.11.2021 (Tuesday)				
Hall	Sechenov	Hall	Pirogov	
16:00-17:30	Biodesign	16:00-17:30	Medical Elementology in Cardiology and Oncology	
Moderators:	Petr S. Timashev Sechenov University, Moscow, Russia Evgeny A. Shirshin Moscow State University, Moscow, Russia Jointly with Moscow State University	Moderators:	Marina I.Sekacheva Sechenov University, Moscow, Russia Anatoly V.Skalny Sechenov University, RUDN University, Moscow, Russia Timur H. Fatkhudinov RUDN University, Moscow, Russia Jointly with RUDN University	
16:00-16:15	Gleb S. Budylin, Alexey V. Lychagin, Marina M. Lipina Sechenov University, Moscow, Russia Methods of optical spectroscopy for the diagnosis of extra- and intra-articular injury	16:00-16:15	Jan Olav Oset Inland Norway University of Applied Sciences, Elverum, Norway Metabolic syndrome, obesity and diabetes	
16:15-16:30	Natalia R. Rovnyagina, Petr S. Timashev, Yuriy M. Efremov, Andrey A. Svistunov Sechenov University, Moscow, Russia Mechanical Enhancement and Kinetics Regulation of Fmoc-Diphenylalanine Hydrogels by Thioflavin T	16:15-16:30	Philippe Collery Société de Coordination de Recherches Thérapeutiques, Development of Metal-Based Anticancer Drugs, Algajola, France Dual role of selenium and antioxidants in cancer	
16:30-16:45	Boris P. Yakimov, Irina I. Vlasova Valerian E. Kagan, Sechenov University, Moscow, Russia Monitoring of degradation of the pericardium scaffolds by label-free multiphoton fluorescence lifetime imaging	16:30-16:45	Susan J.S. Chang Taipei Medical University, Taipei, Taiwan Association between trace elements and obesity-related comorbidities	
16:45-17:00	Lihi Adler-Abramovich Goldschlager School of Dentistry, Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel Bioinspired structures for regenerative medicine	16:45-17:00	Timur H. Fatkhudinov RUDN University, Moscow, Russia Zinc-dependent Endopeptidases	
17:00-17:15	Maxim E. Darvin Charite Medical University, Berlin, Germany Multiphoton detection and characterization of dermal cells in humans in vivo	17:00-17:15	Alexey A.Tinkov Sechenov University, Moscow, Russia Biometals in metabolic syndrome and obesity	
17:15-17:30	Maciej S. Lesniak Department of Neurological Surgery, Feinberg School of Medicine, Northwestern University, Chicago, USA Neural Stem Cell Delivery of Oncolytic Viruses	17:15-17:30	Tatiana V. Korobeynikova RUDN University, Moscow, Russia Micronutrients in cancer patients. Enteral nutrition: towards personalized approach	
17:30-18:00	Bre	ak. Poster Sess	sion	
Hall		Sechenov		
18.00-19.30	Youn	g Scientists' Se	ession	
Moderators:	Denis V.Butnaru, Petr S. Timashev, Marina I. Sekacheva, Dmitry V. Telyshev, Vadim V.Tarasov Sechenov University, Moscow, Russia			

	10.11.2021 (Wednesday)				
08:00-09:00	Joining the online conference. Introduction to the technical information				
Hall	Sechenov				
09:00-11:00	Plenary Session 2				
Moderator:	A	lexander N.Lu	kashev, Sechenov University,	Moscow, Russ	ia
09:00-09:30		Secl	Alexander N.Lukashev nenov University, Moscow, Ru COVID aftermath	ıssia	
09:30-10:00		Sirius Univers	Roman A.Ivanov ity of Science and Technolog ene Therapy: Promise vs.Reali	y, Sochi, Russia ity	ı
10:00-10:30	N. F	. Gamaleya of	Inna V. Dolzhikova demiology and Microbiology the Russian Ministry of Heal e Sputnik V vaccine: experience	th, Moscow, Ri	ussia
10:30-11:00		ite of Molecula	Sergey M. Deyev ioorganic Chemistry, Russia ar Medicine, Sechenov Univer ranostics. Successes, problems	rsity, Moscow,	
11:00-11:30			Break		
Hall	Sechenov	Hall	Pirogov	Hall	Abrikosov
11:30-13:00	Digital Cardiology: Big Data, Data Processing Algorithms	11:30-13:00	Technological Platforms for Creation of Innovative Gene Therapy Drugs and Vaccines	11:30-13:00	Molecular Oncology and Targeted Drug Delivery
Moderators:	Philipp Yu. Kopylov Sechenov University, Moscow, Russia Simon T. Matskeplishvili Faculty of Fundamental Medicine Moscow State University, Moscow, Russia Jointly with Moscow State University	Moderators:	Vadim V. Tarasov, Sechenov University, Moscow, Russia Vladimir M. Trukhan, Sechenov University, Moscow, Russia Roman A.Ivanov, Sirius University of Science and Technology, Sochi, Russia Jointly with Sirius	Moderators:	Andrey A. Zamyatnin Sechenov University, Moscow, Russia Alexander G. Tonevitsky HSE University, Moscow, Russia Jointly with HSE University
11:30-11:50	Saner Hugo University of Bern, Bern, Switzerland	11:30-11:40 11:40-11:50	Elizaveta Kon Humanitas University, Milan, Italy Long term results of autologous chondrocyte transplantation Olga Grigorieva Generium, Moscow, Russia Prospects for the develop- ment of cellular technolo-	11:30-11:45	Konstantin I. Ivanov Helsinki University, Helsinki, Finland Genome-wide location and phosphorylation analysis of the human transcription factor FOXC2
	Telemedicine —current situation and future trends	11:50-12:00	gies in the Russian Federation Alexey V. Lychagin, David A. Pogosyan, Marina M.Lipina Sechenov University, Moscow, Russia Practical experience in the application of biological cartilage restoration methods	11:45-12:00	Surinder M. Soond University of Surrey, UK BAX protein targeting by Cathepsin S: 'friend or foe?'
11:50-12:10	Simon T. Matskeplishvili Lomonosov Moscow state university medical center, Moscow, Russia Digital technologies in cardiology — evolution or revolution?	12:00-12:15	Mikhail Yu. Samsonov R-Pharm, Moscow, Russia Real-life clinical practice research in the covid era	12:00-12:15	Diana V. Maltseva Faculty of Biology and Biotechnology, HSE University, Moscow, Russia Knockdown of CD44 prevents metastasis in HT-29 xenograft colorectal cancer model

Vth SECHENOV INTERNATIONAL BIOMEDICAL SUMMIT (SIBS-2021)

10.11.2021 (Wednesday)					
12:10-12:30	Bruining Nico Erasmus MC, Rotterdam, The Netherlands Digital Health @ the European Society of Cardiology	12:15-12:30	Vasily N. Lazarev FSBI Federal Scientific and Clinical Center for Physical and Chemical Medicine, FMBA of Russia, Moscow, Russia A neoantigen-based peptide vaccine for colorectal cancer	12:15-12:30	Maria Raygorodskaya Faculty of Biology and Biotechnology, HSE University, Moscow, Russia Low expression of CD24 is associated with poor survival in colorectal cancer
12:30-12:45	Philipp Yu. Kopylov Sechenov University, Moscow, Russia Advanced features of the "old" ECG	12:30-12:45	Helgi Schioth Uppsala University, Sweden New gene therapies using effective DNA vectors	12:30-12:45	Alessandro Parodi Sechenov University, Moscow, Russia Effect of the crosslinking on albumin nanoparticles delivery properties
12:45-13:00	Alexander Bykov R-Pharm, Moscow, Russia Federal Diabetes Program: Focus on Decreasing Cardiovascular Complications	12:45-13:00	Valerya S.Drozd University ITMO (SCAMT), Saint- Petersburg, Russia DNA-constructs based on binary antisense technology towards selective gene therapy	12:45-13:00	Summig Up, Q&A
13:00-13:30		ï	Break. Poster Session		
Hall	Sechenov	Hall	Pirogov	Hall	Abrikosov
13:30-15:00	Biophotonic and microcirculation (SPIE)	13:30-15:15	Emerging Viral Infections	13:30-15:30	Bioengineering with Application of Photonic and Cellular Technologies
	Dmitry V.Telyshev				
Moderators:	Sechenov University, Moscow, Russia Marat F. Bulatov Scientific and Technological Center of Unique Instrumentation of RAS, Moscow, Russia	Moderators:	Alexander N.Lukashev Sechenov University, Moscow, Russia Jointly with Jan Felix Drexler, Charité, Berlin, Germany	Moderator:	Roman A. Akasov Institute of Bioorganic Chemistry, RAS, Moscow, Russia
Moderators:	Moscow, Russia Marat F. Bulatov Scientific and Technological Center of Unique Instrumentation of RAS,	Moderators: 13:30-13:55	Sechenov University, Moscow, Russia Jointly with Jan Felix Drexler, Charité, Berlin, Germany Jan Felix Drexler Charite University, Berlin	Moderator: 13:30-13:45	Institute of Bioorganic Chemistry, RAS,
	Moscow, Russia Marat F. Bulatov Scientific and Technological Center of Unique Instrumentation of RAS, Moscow, Russia Igor Meglinski Sechenov University, Moscow, Russia Aston University, Birmingham, UK Digital Histo-Bio-Photonics and Optical Biopsy with Classic and		Sechenov University, Moscow, Russia Jointly with Jan Felix Drexler, Charité, Berlin, Germany Jan Felix Drexler Charite University,		Institute of Bioorganic Chemistry, RAS, Moscow, Russia Alexander S. Erofeev NUST MISIS, Moscow, Russia High-resolution Label-free 3D mapping of pH, Oxygen and ROS of single

		10.11.2	2021 (Wednesday)		
14:15-14:30	Gennadii A. Piavchenko Sechenov University, Moscow, Russia Structural and Functional Properties of Rat Cerebral Cortex in Acute Respiratory Arrest and Cardiac Cessation	14:15-14:40	Marcel Muller Charite University, Berlin, Germany Risk assessment and development of host- directed drugs for emerging coronaviruses	14:15-14:30	Ekaterina Osmekhina AALTO University, Helsinki, Finland Virulence inhibitors against drug resistant pathogens
14:30-14:45	Dmitry I. Ryabkin Sechenov University, Moscow, Russia Applications and benefits of laser tissue welding and laser-tissue soldering	14:40-15:00	Alexander N.Lukashev Sechenov University, Moscow, Russia Spread of the invasive mosquito Ae. albopictus in the Krasnodar	14:30-14:45	Ramesh Chandra University of Delhi, Dehli, India From Bench to Bed Side: Opium Alkaloid — Noscapine: A Potential Chemotherapeutic Agent
14:45-15:00	Summig Up, Q&A		Territory	14:45-15:00	Indrajit Roy University of Delhi, Delhi, India Nanomaterials for photoactivated therapies
15:00-15:30	Break	15:00-15:15	Olga A.Gromova Institute of Pharmacoinformatics, Federal Research Center "Informatics and Management" RAS, International Foundation for the Development of Biomedical Technologies named after V.P. Filatova, Moscow, Russia Rehabilitation of COVID-19 patients using polypeptide therapy	15:00-15:15	Ekaterina Trifanova FSRC "Crystallography and photonics" RAS Analysis of photoluminescent properties of upconversion nanophosphors
		15:15-15:30	Break	15:15-15:30	Giacomo Musile University of Verona, Verona, Italy A new method based on terbium-induced fluorescence for fast analysis of Carbohydrate Deficient Transferrin (CDT) the most reliable biomarker of alcohol abuse in clinical and forensic contexts
Hall	Sechenov	Hall		Pirogov	
15:30-17:00	Thrombogenesis: experiment, mathematical models, clinical applications	15:30-17:15	Controlled Biomaterials		erials
Moderators:	Yuri V. Vassilevski Sechenov University, Moscow, Russia Mikhail A. Panteleev Center for Theoretical Problems of Physicochemical Pharmacology RAS, Moscow, Russia	Moderator:	Skolkovo Institu	Olga A. Sindeev ute of Science : Moscow, Russi	and Technology,

10.11.2021 (Wednesday)				
15:30-15:55	Key Speaker Rajat Mittal John Hopkins University, Baltimore, USA In-Silico Models of Cardiac Thrombogenesis — from Fundamental Insights to Clinical Applications	15:30-15:55	Wolfgang Parak University of Hamburg, Hamburg, Germany Uptake of colloids by cells	
15:55-16:10	Georgy Guria National medical research center for hematology; MIPT, Moscow, Russia Intravascular blood coagulation and fibrinolysis. Experimental and theoretical approach	15:55-16:20	Igor Nabiev Université de Reims Champagne, Reims, France Biomolecular function control under the strong light-matter coupling	
16:10-16:25	Woei Ming (Steve) Lee The Australian National University, Canberra, Australia Spotting the hidden movement of cells with light		conditions	
16:25-16:40	Nadezhda Podoplelova Center for Theoretical Problems of Physicochemical Pharmacology RAS, Moscow, Russia The role of platelets in the regulation of blood coagulation reactions	16:20-16:45	Andre Skirtach Ghent University, Ghent, Belgium Controlling biomaterials with temperature — from nano- to macro-scales	
16:40-16:55	Yuri Vassilevski Sechenov University, INM RAS, Moscow, Russia Modelling of blood plasma coagulation in microfluidic capillaries	16:45-17:00	Yulia Svenskaya Saratov State University, Saratov, Russia Biodegradable particulate system for non-invasive transdermal drug delivery	
16:55-17:00	Summig Up, Q&A			
17:00-17:30	Break	17:00-17:15	Konstantin Shevchenko The Institute of Cytology RAS, St-Petersburg, Russia Rapidly biodegradable nanoparticles for delivery of anticancer drugs to cancer cells	
		17:15-17:30	Break	
Hall			Sechenov	
17.30-19.00			Plenary Session 3	
Moderator:		Dmitry V. Tely	rshev, Sechenov University, Moscow, Russia	
17:30-18:00	Massoud Vosough Royan Institute for Stem Cell Biology, Tehran, Iran COVID19 and Innovative Cell-based therapies			
18:00-18:30	Dmitry Malin, Department of Medicine, University of Wisconsin Carbone Cancer Center, University of Wisconsin-Madison, Madison, USA Developing cell-based models for fundamental and translation cancer research			
18:30-19:00	Igor R. Efimov, George Washington University, Washington DC USA Wireless networks of transient, implantable, and wearable cardiac bioelectronics			
19:00-19:15			nal Remarks. Closing Ceremony	

	11.11.2021 (Thursday)
08:00-09:00	Introduction to the technical information
Hall	Abrikosov
09:00-11:30	Mass Spectrometry in Oncology
Moderator:	Vladimir E. Frankevich FSBI «National Medical Research Center for Obstetrics, Gynecology and Perinatology named after V.I.Kulakov», Ministry of Health of the Russian Federation, Moscow, Russia
09:00-09:20	Kira V. Vyatkina FGBU VOIN Saint-Petersburg Academic University of the Russian Academy of Sciences named after J.I. Alferova, Saint-Petersburg, Russia Applications of De Novo Sequencing in Cancer Cell Line Analysis
09:20-09:40	Irina A. Tarasova V.L. Talrose Institute for Energy Problems of Chemical Physics N.N. Semenov Federal Research Center of Chemical Physics, Russian Academy of Sciences Ultrafast mass spectrometry based protein profiling for cancer research and diagnostics
09:40-10:00	Alexey A. Sysoev National Research Nuclear University MEPhI, Moscow, Russia Physics and technology of advanced MS instruments for medical diagnostics
10:00-10:20	Svetlana S. Novikova Institute of Biomedical Chemistry (IBMC), Moscow, Russia Mass spectrometric analysis of proteomic signatures of extracellular vesicles for lung cancer recognition
10:20-10:40	Vladimir E. Frankevich FSBI «National Medical Research Center for Obstetrics, Gynecology and Perinatology named after V.I.Kulakov»,
10:40-11:10	Fanos Vassilios University of Cagliari, Cagliari, Italy The secret language of the organism between metabolomics and microbiomics
11:10-11:30	Cravotto Giancarlo University of Turin, Turin, Italy /Sechenov University, Moscow, Russia Enabling technologies in analytical samples preparation
11:30-12:00	Break
Hall	Abrikosov
12:00-13:30	Liquid Biopsy
Moderator:	Anna V.Maslennikova Privolzhsky Research Medical University, Nizhny Novgorod, Russia
12:00-12:25	Simon Joosse University Medical Center Hamburg-Eppendorf, Germany, Hamburg Liquid biopsy: prognostic and predictive biomarkers in cancer management
12:25-12:50	Majid Warkiani University of Technology Sydney, Sydney, Australia / Sechenov University, Moscow, Russia Integrated Microfluidic Systems for Cancer Liquid Biopsy
12:50-13:05	Malek A.V. Subcellular technology Lab, N.N. Petrov's NMRC of oncology Qualitative and quantitative analysis of plasma extracellular nanovesicles for cancer diagnostics and monitiring
13:05-13:20	Alexey S. Rzhevskiy Sechenov University, Moscow, Russia Disseminated tumour cells in early diagnosis and prognostics of prostate cancer
13:20-13:30	Summig Up, Q&A
13:30-14:00	Final Remarks. Closing of the Symposium "Theranostics in Oncology"

POSTERS

INDEX	Abstract title	Authors
B-01	Possible interconnection between different morphological patterns of corneal endothelium/Descemet' membrane complex in eyes with Pseudophakic bullous keratopathy or Fuchs endothelial corneal dystrophy and aqueous humor TGF-β1 level	Subbot A.M., Fisenko N.V ., Osipyan G.A.
B-02	Detection of CNS Pathogens by three Colour analysis using Binary DNAzymes	Patel K., Zemerova T., Rubel M., Kolpashchikov D.
B-03	Matrix-bound nanovesicles in 2D- and 3D culture models	Maria Peshkova , Nastasia Kosheleva, Nataliya Kebets, Anastasia Shpichka, Peter Timashev, Xing-Jie Liang
B-04	The Cooperation of Osteogenesis and Angiogenesis in ADSC-Derived Spheroids	Revokatova D. P. , Gorkun A.A., Zurina I.M., Nikishin D. A., Kosheleva N. V., Timashev P.S., Shpichka A.I., Kolokoltsova T.D., Saburina I.N.
B-05	Role of glioblastoma receptor IL13α2 in tumor progression and resistance to Temozolomid	Tskhovrebova S. , Tsibulnikov S., Yakushov S., Laevskaya A., Karlina I., Faizullina D., Mitrofanov A., Timashev P., Ulasov I.
B-06	Feasibility of carbonic anhydrases for Ewing sarcoma patients to predict cancer progression	Semyon Yakushov, Sergej Tsibulnikov, Salome Tskhovrebova, Anastasia Laevskaya, Irina Karlina, Daria Faizulina, Kiril Kirgizov, Peter Tismahev, Stanislav Kalinin, Mikhail Krasavin, Viktoriya Zainulina, Maksim Menyailo, Evgeny Denisov, Ilya Ulasov
B-07	Improvement of the electrically conductive properties of a material based on multi-walled carbon nanotubes and calcium phosphate using laser pulsed radiation	Zhovnir S.Z. , Savelyev M. S., Kuksin A.V., Kurilova U. E., Gerasimenko A.Yu., Fedotov A.Yu., Lobzhhanidze P.V., Komlev V.S.
BAPCT-01	Growth plate stem cell niche study	Ostap Dregval, Jussi Heinonnen, Baoyi Zhou, Ekaterina Medvedeva, Andrei Chagin
BAPCT-02	PANC-1 spheroids as 3D model for the determination of anticancer drugs activity	E. V. Koudan, S. P. Kudan, S. Sh. Karshieva
BAPCT-03	Redox-activation of neutrophils induced by pericardium scaffold	Suleimanov S.K., Urmantaeva N.T, Presnyakova V.S., Salimov E.L., Ragimov A.A., Vlasova I.I., Mikhalchik E.V., Timashev P.S., Kagan V.E.
BM-01	Modernization of the parameters of the digital diaphanoscope LED applicator based on the spectra of pus sinusitis	E.O. Bryanskaya , R. Yu. Gneushev, I.N. Novikova, V.V. Dremin, A.V. Dunaev
BM-02	Improvement of hemodynamics using a mechanical circulatory support device in patients who have passed the Fontan procedure	Andrey Galyastov , Dmitry Telyshev
BM-03	Skin melanin content as an affecting factor for laser Doppler flowmetry and tissue reflectance oximetry signal formation	Nadezhda Golubova , Viktor Dremin, Elena Potapova, Andrey Dunaev
BM-04	Digital histo-biophotonics: embossed topographic depolarisation mapping of tissue samples	A.V. Grechina, A.A. Venediktov, G.A. Piavchenko, T.V. Boronikhina, S.L. Kuznetsov, I. Meglinski
BM-05	The study of optical properties of liver tissue after preliminary perfusion	Ksenia Kandurova , Alexander Palalov, Evgeniya Seryogina, Elena Potapova, Viktor Dremin, Andrey Dunaev
BM-06	Investigation of the reaction of the microcirculation system to low-frequency breathing	Y.I. Loktionova, A.V. Frolov, E.V. Zharkikh, V.V. Sidorov, A.I. Krupatkin, A.V. Dunaev



POSTERS

CB-01	Magnetically responsive piezoelectric polymer scaffolds for tissue engineering	Dariana V. Chesnokova, Irina I. Zharkova, Artyom S. Pryadko, Yulia R. Mukhortova, Roman A. Surmenev, Maria A. Surmeneva, Anton P. Bonartsev
CB-02	Tactile Sensor Based on Biological Nanomaterials	L.P. Ichkitidze, A.Y. Gerasimenko, D.V. Telyshev, E.P. Kitsyuk, V.A. Petukhov, N.A. Demidenko
CB-03	Injectable forms of collagen-containing biomimetics of the extracellular matrix and mesenchymal stromal cells for cartilage regeneration	Kirillova A.D., Basok Yu.B., Grigor'ev A.M., Kirsanova L.A., Nemets E.A., Sevastianov V.I.
CBT-01	Investigation of mechanical properties of the tissue- engineering constructions for the cardiac tissue restoration	Murashko D.T., Gerasimenko A.Yu.
DC-01	Remote monitoring program for patients with cardiovascular diseases in the Perm Region, Russia	Grigoriy N. Spasenkov, Sofia E. Eseva, Natalia A. Koryagina, Mikhail S. Sukhanov, Kirill V. Prokhorov, Olga V. Khlynova, Yekaterina Shishkina, Alexandr A. Karchava
DC-02	Features of inflammation in patients with chronic heart failure associated with fatigue	Zozulya S.A ., Fomicheva A.V., Volel B.A., Andreev D.A., Klyushnik T.P.
M-01	Metabolomics of COVID-19 patients: a systematic review and meta-analysis	Sabina Baskhanova, Natalia Chuchueva, Isaiah A. Lewis, Jennifer Luevano, Chandler Phelps, Israel Ríos-Castillo, Álvaro Castillo-Carniglia, Natalia E. Moskaleva, Pavel A. Markin, Elena Tobolkina, Serge Rudaz, Michael R. La Frano, Svetlana A. Appolonova, Alex Brito
MSO-01	Metabolomics of prostate cancer in blood and urine: a systematic review and meta-analysis	Mark Savitskii, Natalia Chuchueva, Isaiah A. Lewis, Hoang N. Nguyen, Johannes Fahrmann, Israel Ríos-Castillo, Álvaro Castillo-Carniglia, Igor Reshetov, Natalia E. Moskaleva, Pavel A. Markin, Elena Tobolkina, Sergey Girel, Serge Rudaz, Michael R. La Frano, Svetlana A. Appolonova, Alex Brito
MOTDD-01	UCNP-based Photoluminescent Nanomedicines for Targeted Delivery and Theranostics of Cancer	E.L. Guryev, N.Y. Shilyagina, L.V. Krylova, A.B. Voloveckiy, O.M. Kutova, D.K. Bausheva, V.A. Sukhova, N.I. Filyaeva, V.A. Vodeneev, I.V. Balalaeva, S.M. Deyev, A.V. Zvyagin
MOTDD-02	Identification of Molecular Biomarkers for Head and Neck Squamous Cell Carcinoma by Bioinformatics Analysis	Ostroverkhova D.S., Shaitan K.V.
P-01	Adjunctive therapy with the antioxidant Mexidol for late-onset schizophrenia	Boksha IS, Sheshenin VS, Savushkina OK, Prokhorova TA, Tereshkina EB, Pochueva VV, Savina MA, Vorobyeva EA, Burbaeva GSh
P-02	Effects of deuterium-depleted water with various deuterium content in mouse models of depressive-like behavior	Sofia Efimochkina , Diana Babaievskaya, Evgeniy Svirin, Klaus-Peter Lesch
P-03	In vitro evaluation of the cytotoxicity of new synthetic cationic antimicrobial peptides against human peripheral blood cells	G.D. Moroz, L.Yu. Basyreva, S.A. Gusev, I.A. Lacis, E.N. Grafskaia, O.M. Panasenko, V.N. Lazarev, T.V. Vakhrusheva
P-04	Chitosan/vanillin films incorporated with azelaic acid for wound dressing application	Sidorova E.I., Sedyakina N.E.
P-05	Curcumin-loaded dual cross-linked chitosan beads for controlled drug delivery	Mikhaylova M.A., Sedyakina N.E.
TPCIGTDV-01	Study of Chromosome Fragility in Human Induced Pluripotent Stem Cells	Zheglo D.G., Pozhitnova V.O., Adilgereeva E.P., Fefelova E.I., Kislova A.V. , Ustinov KD., Yasinovsky M.I., Voronina E.S.

PARTNERS AND EXHIBITORS

STRATEGIC PARTNER



R-PHARM GROUP

Leninsky Prospekt 111, k. 1, Moscow, 119421 E-mail: info@rpharm.ru www.r-pharm.com/ru/

R-Pharm Group introduces comprehensive solutions for the healthcare system and focuses on research, development, manufacturing and commercialization of pharmaceuticals, laboratory equipment and medical devices. R-Pharm's mission is to increase the accessibility of advanced diagnostics, preventative care and therapy methods in Russia and abroad.

More than 5000 employees of the group in 70 branches and 30 countries of the world do their best to provide as many people as possible with the necessary means to improve and prolong their lives.

OFFICIAL PARTNER

Thermo Fisher SCIENTIFIC

THERMO FISHER SCIENTIFIC

Krugozor business center, build.2, 30/1, Obrucheva str. Moscow

Tel.: +7 (495) 651 67 97

E-mail: russian.office@thermofisher.com www.thermofisher.com/ru/ru/home.html/

Whether they are improving life for patients, protecting our global climate or keeping people safe, our customers look to Thermo Fisher Scientific for innovative solutions. Products and services sold under the following Thermo Fisher brands enable customers to push science and technology a step beyond. Leading brands: Thermo Scientific, Applied Biosystems, Invitrogen, Fisher Scientific, Unity Lab Services, Patheon.

PARTNER



GENERIUM

Testovskaya str., 10, entrance 2, Moscow, 123112

Tel./fax: +7 (495) 988 47 94 E-mail: Generium@Generium.ru

Generium is the leading Russian biopharmaceutical company, focused on developing and commercializing diagnostic systems and pharmaceutical products for the treatment of orphan diseases, infection diseases, cancer, multiple sclerosis, myocardial infarction and strokes. Generium consists of a high-end R&D center and a fully integrated manufacturing plant. Generium has more than 30 innovative products in the pipeline, including enzymes, monoclonal antibodies and ATMPs.

Generium is headquartered in Moscow, Russia.



PARTNERS AND EXHIBITORS

PARTICIPANT OF THE VIRTUAL EXHIBITION

M.CHEKTP M-SPECTR

Aviakonstruktor Mikoyan str., 12, Linkor Business Center, building A, entrance 11, Moscow, 125167

Tel.: +7 (495) 765 43 11 E-mail: info@m-spectr.ru www.m-spectr.ru

M-SPECTR, LLC — the official distributor of Waters Corporation in the Russian Federation.

We provide supply, support and maintenance of mass spectrometry and chromatography equipment. We offer our clients a wide range of solutions for various fields from fundamental science to laboratory diagnostics. Relying on partnership with the world's leading manufacturers, we are ready to offer a comprehensive approach to solve any problem, from sample preparation to data processing. We pay special attention to methodological and technical support provided by highly qualified specialists.

We are pleased to become your partner in solving complex analytical tasks in the following areas:

- Research, development and production of biopharmaceuticals
- · Research, development and production of medicines
- · Food safety
- Environmental research
- Biomedical research
- Clinical diagnostics
- · Analytical toxicology and forensic chemistry

PARTICIPANT



DONAU ENGINEERING LLC

Tel.: +7 (495) 663 99 63 E-mail: aae@donaueng.ru www.donaueng.ru

Engineering company DONAU ENGINEERING began its activities in September 2019 as a developer of optimal solutions for conducting high-quality analyzes based on domestic and imported analyzers in various industries, such as Petrochemistry, Refining, Natural gas, Polymers, Chemistry, Agrochemistry, Ecology, Food industry, Veterinary medicine, etc.

The company sphere of interests includes:

- Production qualification
- Import / Export of laboratory, analytical and technological equipment
- Service, warranty and post-warranty maintenance of equipment, training of the Customer's personnel

The company provides a comprehensive solution to your analytical tasks with the maximum price-quality ratio. The company employs professionals with 30 years of experience in analytical equipment. Success and development are guaranteed!



ATMOSPHERE PUBLISHING HOUSE

Address: 127018, Moscow, 5, Suschevsky Val, bldg. 15

E-mail: atm-press2012@yandex.ru Web-site: http://www.atm-press.ru

The publishing house publishes quarterly medical journals "Practical Pulmonology" (VAK), "Asthma and Allergy" (both official publications of the Russian Respiratory Society), "Nervous Diseases" (VAK), "Atmosphere. News of Cardiology "(VAK)," General Medicine "(official publication of the Pirogov Russian National Research Medical University, VAK), Bulletin of the National Society for the Study of Parkinson's Disease and Movement Disorders. The publishing house annually publishes 5-10 editions on topical issues of respiratory diseases, neurology, cardiology, the latest technologies and methods of diagnosis and treatment.



INFARM PHARMACEUTICAL PORTAL

Address: 127055, Moscow, 19, Sushchevskaya street, build.4

E-mail: info@inpharm.ru Web-site: www.inpharm.ru

A specialized information resource about the pharmaceutical industry and public health. News and events of the pharmaceutical industry, medicine and health.



WHO IS WHO IN MEDICINE FEDERAL TRADE MAGAZINE

Address: 107023, Moscow, 10, Zhuravlev square, build.1

Tel/Fax: +7 (499) 704-04-24 E-mail: journal@kto-kto.ru Web-site: www.kto-kto.ru

The magazine provides multilateral dialogue on a program implementation of health care, development of modern medical technologies, enhancement of organizational activities, search of effective innovative solutions, serves as the tool in personnel policy strengthening reputation and stimulating the best employees providing progress and professional success of domestic medicine. Read articles of the colleagues and join dialogue on www.ktovmedicine.ru.



Лечащий Врач TREATING DOCTOR **JOURNAL**

Address: 123056, Moscow ,8 , Electricheskiy pereulok, build.3

Tel./Fax: +7 495 725 4780/83

E-mail: lana@osp.ru Web-site: www.lvrach.ru

The journal "Treating doctor" is a professional medical publication. Since 2008, the decision of the Presidium of the Supreme Attestation Commission (VAK), is included in the list of leading peer-reviewed scientific journals. The magazine has a practical focus and publishes articles of leading experts, opinion leaders, highlighting the current problems of the clinic, diagnosis and treatment of a wide range of nosologies; optimal for today algorithms of diagnostics and therapy of internal diseases, cupping of urgent states. Our main readers are practicing physicians of various specialties: physicians, pediatricians, endocrinologists, cardiologists, rheumatologists, psychoneurologists, pulmonologists, gastroenterologists, otolaryngologists, dermatovenereologists, infectious disease specialists, urinephrologists and gynecologists, family doctors, ambulance doctors. The magazine is received monthly by the heads of public health services, chief doctors, deputy head physicians on the medical side, heads of departments, rectors of universities, heads of departments and teachers of medical schools. "Treating doctor" — 12 issues a year. Topics for the year: Pediatrics. Uronephrology. Cardiology. Angiology. Gastroenterology. Hepatology. Allergology. Rheumatology. Psychoneurology. Dermatovenereology. Nutrition. Proctology. Bronchopulmonology. ENT diseases. Infections. Vaccine prophylaxis. Endocrinology. Gynecology. Neonatology.

You can subscribe to an electronic or printed version of the magazine! Available on the website: www.lvrach. ru, Google play, App Store.



MEDEVE DOCTOR'S CALENDAR

E-mail: doc@medeve.app Web-site: https://medeve.app/

The first mobile doctor's calendar, where you can find all medical events — online and offline, large-scale conferences and thematic webinars, both Russian and foreign.



MEDIAMEDIKA MEDICAL MARKETING AGENCY

Address: 115054, г. Москва, 19, Zhukov proezd

Tel./Fax: +7 (495) 926-29-83 E-mail: media@con-med.ru Web-site: www.con-med.ru

Medical Marketing Agency «Mediamedika» publishes periodicals for postgraduate education of doctors of various specialties: journal «Consilium Medicum», applications "Consilium Medicum" — "Neurology", "Pediatrics", "Surgery", "Gastroenterology", "Diseases of the respiratory system", "Dermatology"; magazines "Polyclinic doctor's handbook", "Systemic hypertension", "Cardiosomatics", "Gynecology", "Modern Oncology", "Psychiatry and psychopharmacotherapy", "Psychiatric disorders in general medicine", "The pharmacist's guide", "Infections in surgery"; the newspaper "District therapist", "District pediatrician", "Newspaper of the Neurologist", "Diary of a psychiatrist", "Cardiogaseta", "Gastrointestinal", "Women's consultation", "Pervostolnik", "Dental Tribune"; as well as books, handbooks and methodical guides. All specialized publications are distributed free of charge.



MEDFORUM MEDICAL INFORMATION AGENCY

E-mail: webmed@medforum-agency.ru Web-site: https://www.webmed.ru/



MEDIA SPHERE PUBLISHING HOUSE

Address: 127238, Moscow, 46, Dmitrovskoe shosse, build.2

Tel./Fax: +7 (495) 482 4329 E-mail: info@mediasphera.ru Web-site: www.mediasphera.ru

Is one of the largest Russian medical publishers. Founded in 1993 by a group of prominent Russian medical scientists. It publishes 25 peer-reviewed scientific and practical medical journals, 24 of which are included in the list of VAK, including journals: "Pathology Archive", "Otorhinolaryngology Bulletin", "Ophthalmology Bulletin", "Questions of balneology, physiotherapy and curative physical culture", "Evidence Gastroenterology "," Evidence Cardiology "," Questions of Neurosurgery "named after N.N. Burdenko "," Journal of Neurology and Psychiatry. S.S. Korsakov "," Cardiology and Cardiovascular Surgery "," Clinical Dermatology and Venereology "," Laboratory Service "," Oncology. Journal named after P.A. Herzen, Problems of Reproduction, Problems of Endocrinology, Preventive Medicine, Russian Rhinology, Russian Dentistry, Russian Bulletin of the Obstetrician-Gynecologist, Stomatology, Forensic Expertise, Phlebology , "Surgery. Journal named after N.I. Pirogov, Endoscopic Surgery.

Many of them are presented in the international bibliographic databases MEDLINE, SCOPUS (EMBASE), GOOGLE SCHOLAR, RINC, Web of Science (Russian Science Citation Index — RSCI).



MEDPRESS INFORM

E-mail: webmed@medforum-agency.ru Web-site: https://www.webmed.ru/



ProfMedPress PUBLISHING HOUSE

Address: 117545, Moscow, st. Podolsk Cadets, house 3, building 2, floor 3, room. No. 35

Tel.: 8 (926) 195-21-37 E-mail: info@pmp-agency.ru Web-site: https://pmp-agency.ru/

The "ProfMedPress" team is ready to take on the most daring solutions to the assigned tasks and will be glad to cooperate with you





RUSSIAN PHYSICIAN PUBLISHING HOUSE

Address: Moscow, 6, Third Frunzenskaya street 3, 6B

E-mail: info@rusvrach.ru Web-site: http://rusvrach.ru/

The Publishing House "Russian Physician" was established in 1995 and continues the tradition of publishing scientific and practical journals for specialists in Russia.

Such journals as: "Doctor" — the leading medical journal intended for doctors of all specialties, scientists and teachers of medical schools, "Molecular Medicine", which publishes the results of scientific researches in such areas as the study of the molecular and genetic bases of the etiology and pathogenesis of socially significant diseases with the purpose of developing new diagnostic methods and methods for effective therapy of human diseases, including on the basis of nuclear medicine technologies, "Pharmacy", which covers all issues related to the theory and practice of modern pharmaceutics, the technology of manufacturing medicines, obtaining and researching medicines, "Sports Medicine: Science and Practice" is the first Russian specialized scientific and practical publication in the field of sports medicine and anti-doping support of sports, "Medical Sister", "Questions of Biological, Medical and Pharmaceutical Chemistry" are recommended by the VAK and are included in the Scientific Electronic Library and occupy the leading position in the index of scientific citation.



YELLMED MEDICAL PORTAL

Address: 123022, Moscow, 28, Krasnaya Presnya street, build.4, office 9

Tel.: +7 (495) 668-10-55 E-mail: info@yellmed.ru Web-site: www.yellmed.ru

- catalog of medical institutions in Russia and abroad with current and reliable information;
- medical news of the country and the world, materials about sports and beauty, interviews with specialists;
- poster of medical events and conferences;
- a medical reference book with common diseases, symptoms of illnesses, methods of diagnosis and treatment;
- service for online doctor's appointment in Moscow and St. Petersburg, with convenient filtering, rating, qualifications and feedback on each of more than 9000 specialist
- daily replenishing base of shares, discounts, and special offers in the field of medicine, beauty and health.

On our portal you will find everything about medicine and even more.



STRATEGIC PARTNER



OFFICIAL PARTNER



PARTNER

