

## PRELIMINARY PROGRAM

### DAY 1: OCTOBER 30, 2017

9:00-10:00	<b>Registration</b>		
Hall	Pirogov Hall		
10:00-10:30	<b>Opening</b> <i>A. Urbani, A. Archakov, A. Svistunov, V. Chekhonin, F. Corralles</i>		
10:30-11:00	<b>PL1</b> <b>Molecular Genetics of Rare Tumors</b> <i>Anna Kudryavtseva, Institute of Molecular Biology, Russia</i>		
11:00-11:30	<b>PL2</b> <b>Longitudinal Sampling in Proteomic Biomarker Discovery</b> <i>David Goodlett, University of Maryland, USA</i>		
11:30-12:00	<b>Coffee Break</b>		
Halls	Pirogov Hall	Abrikosov Hall	
12:00-14:00	<b>S1</b> <b>Mass-spectrometry in Clinical Applications</b>	<b>S2</b> <b>Genomics and Beyond</b>	
	<b>Co-chairs:</b> <i>David Goodlett, University of Maryland, USA</i> <i>Fernando Corrales, University of Navarra, Spain</i>	<b>Co-chairs:</b> <i>David Tabb, Stellenbosch University, South Africa</i> <i>Sergey Moshkovskii, Institute of Biomedical Chemistry, Russia</i>	
14:00-15:00	<b>Lunch Break</b>		
14:30-15:30	<b>Poster Session</b>		
Hall	Pirogov Hall	Room 265	Room 274
15:30-17:30	<b>S3</b> <b>Precision Medicine</b>	<b>WP1</b> <b>How to Work with Human Genome?</b>	<b>WP2</b> <b>Proteoinformatics</b>
	<b>Co-chairs:</b> <i>Garry Corthals, University of Amsterdam, Netherlands</i> <i>Dmitry Sychov, Russian Medical Academy of Continuous Professional Education of the Ministry of Health of the Russian Federation, Russia</i>	<i>Andrey Afanasiev, IBinom, Russia</i>	<b>Moderators:</b> <i>Veit Schwammle and Julian Uszkoreit, EuBIC</i>
17:30-18:30	<b>Welcome Event</b>		

**DAY 2: OCTOBER 31, 2017**

<b>9:00-10:00</b>	<b>Registration</b>	
Hall	Pirogov Hall	
10:00-10:30	<b>PL3</b> <b>The Human Protein Atlas - Implications for Human Biology and Precision Medicine</b> <i>Cecilia Lindskog, Uppsala University, Sweden</i>	
10:30-11:00	<b>PL4 (TBC)</b> <b>What is Stress and How to Combat It?</b> <i>Ancha Baranova, George Mason University, USA</i>	
11:00-11:30	<b>PL5</b> <b>Bioinformatic Origin of Breadth and Depth of Human Proteome</b> <i>Elena Ponomarenko, Andrey Lisitsa and Alex Archakov, Institute of Biomedical Chemistry, Russia</i>	
<b>11:30-12:00</b>	<b>Coffee Break</b>	
Halls	Pirogov Hall	Abrikosov Hall
12:00-14:00	<b>S4</b> <b>Infections and Resistance</b>  <b>Co-chairs:</b> <i>Thierry Naas, Hopital Bicetre, France</i> <i>Roman Kozlov, WHO's expert for antimicrobial resistance, Russia</i>	<b>S5</b> <b>Immunology of NonCommunicable Disease</b>  <b>Co-chairs:</b> <i>Michaek Przybylski, Steinbeis Centre for Biopolymer Analysis and Biomedical Mass Spectrometry, Germany</i> <i>Sergei Larin, Dmitry Rogachev National Research Center, Russia</i>
	<b>Lunch Break</b>	
<b>14:30-15:30</b>	<b>Poster Session</b>	
Halls	Pirogov Hall	Room 265
15:30-17:30	<b>S6</b> <b>Cells and Regeneration Technologies</b>  <b>Co-chairs:</b> <i>Cecilia Lindskog, Uppsala University, Sweden</i> <i>Andrey Zamyatnin, Sechenov First Medical University, Russia</i>	<b>WP3</b> <b>Drug Development Classroom</b>  <b>Moderator:</b> <i>Andrey Khudoshin, Elsevier, Russia</i>
	<b>Excursions</b>	
<b>17:30-19:30</b>		

**DAY 3: NOVEMBER 1, 2017**

<b>9:00-10:00</b>	<b>Registration</b>	
Hall	Pirogov Hall	
10:00-10:30	<b>PL6</b> <b>Food and Nutriomics</b> <i>Paola Roncada, Istituto Sperimentale Italiano L. Spallanzani, Italy</i>	
10:30-11:00	<b>PL7 (TBC)</b> <b>TBA</b>	
<b>11:00-11:30</b>	<b>Coffee Break</b>	
Halls	Pirogov Hall	Room 265
11:30-13:30	<b>S7</b> <b>Food, Nutrition and Microbiome</b>	<b>WP4</b> <b>Quality Control Assessment from Multi-Month Data Sets</b>
	<b>Co-chairs:</b> <i>Paola Roncada, Istituto Sperimentale Italiano L. Spallanzani, Italy</i> <i>Svetlana Murzina, Institute of Biology of Karelian Research Centre, Russia</i>	<b>Moderator:</b> <i>David Tabb, Stellenbosch University, South Africa</i>
<b>13:30-14:30</b>	<b>Lunch Break</b>	
<b>14:00-15:00</b>	<b>Poster Session</b>	
Halls	Pirogov Hall	Room 265
15:00-17:00	<b>S8</b> <b>Sports, Health and Doping Control</b>	<b>WP5</b> <b>Food Intolerance</b>
	<b>Co-chairs:</b> <i>Igor Vykhodets, Ministry of Health, Russia</i> <i>Arthur Kopylov, Institute of Biomedical Chemistry, Russia</i>	<b>Moderator:</b> <i>Arkady Rosenstein, ImmunoHealth Clinic, USA</i>
<b>17:00-17:45</b>	<b>Closing Lecture</b> <b>Biomarkers of Ageing</b> <i>Alexey Moskalev, Institute of Biology of Komi Science Center, Russia</i>	

PL – Plenary Lecture, S – Session, WP – Workshop Package

12:00-14:00 Pirogov Hall

S1

**MASS-SPECTROMETRY IN CLINICAL APPLICATIONS**Co-chairs: *David Goodlett, Fernando Corrales*

12:00-12:25	<b>THE PROTEOME QUEST TO UNDERSTAND BIOLOGY AND DISEASE</b> <i>Fernando Corrales, University of Navarra, Spain</i>
12:25-12:50	<b>TARGETED SCREEN OF NORMAL PROTEOME OF CANDIDATES TO AUSTRONAVTS</b> <i>Victor Zgoda, Institute of Biomedical Chemistry, Russia</i>
12:50-13:10	<b>COMPARATIVE PROTEOMICS FOR STUDYING DIFFERENT SENSITIVITY OF GLIOBLASTOMA CELLS TO VESICULAR STOMATITIS VIRUS</b> <i>Mikhail Gorshkov, Institute for Energy Problems of Chemical Physics, Russia</i>
13:10-13:30	<b>PROTEIN EXPRESSION CHANGES CAUSED BY MICROGRAVITY IN SPACE</b> <i>Eugene Nikolaev, Skolkovo Institute of Science and Technology, Russia</i>
13:30-13:45	<b>RESERVED</b> <i>to be selected from the submitted abstracts</i>
13:45-14:00	<b>RESERVED</b> <i>to be selected from the submitted abstracts</i>

12:00-14:00 Abrikosov Hall

S2

**GENOMICS AND BEYOND**Co-chairs: *David Tabb, Sergey Moshkovskii*

12:00-12:25	<b>PROTEOGENOMICS OF CLINICAL ISOLATES OF MYCOBACTERIUM TUBERCULOSIS</b> <i>David Tabb, Stellenbosch University, South Africa</i>
12:25-12:50	<b>PROTEOGENOMICS OF ADENOSINE-TO-INOSINE RNA EDITING IN MODEL ORGANISMS</b> <i>Sergei Moshkovskii, Institute of Biomedical Chemistry, Russia</i>
12:50-13:10	<b>PHARMACOGENOMICS – UPDATE AND FUTURE DIRECTIONS</b> <i>Matthias Schwab, Institute of Clinical Pharmacology, Germany</i>
13:10-13:30	<b>BREAST CANCER MOLECULAR CLASSIFICATION BASED ON AN NGS GENOME-WIDE DNA METHYLATION ANALYSIS BY REDUCED REPRESENTATION BISULFITE SEQUENCING</b> <i>Vladimir Strelnikov, Research Centre for Medical Genetics, Russia</i>
13:30-13:45	<b>RESERVED</b> <i>to be selected from the submitted abstracts</i>
13:45-14:00	<b>RESERVED</b> <i>to be selected from the submitted abstracts</i>

15:30-17:30 Pirogov Hall

S3

**PRECISION MEDICINE**Co-chairs: **Garry Corthals, Dmitry Sychov**

15:30-15:55	<b>ENGAGING RESEARCH COMMUNITIES WITH CLINICALS: TOWARDS INTERPETING AND APPLYING PROTEOME INFORMATION</b> <i>Garry Corthals, University of Amsterdam, Netherlands</i>
15:55-16:20	<b>PLASMA METABOLOME ANALYSIS IN HEALTH AND DISEASE</b> <i>Petr Lokhov, Institute of Biomedical Chemistry, Russia</i>
16:20-16:40	<b>PRACTICE OF PHARMACOGENETIC TESTS IN CLINICAL APPLICATIONS</b> <i>Dmitry Sychov, Russian Medical Academy of Continuous Professional Education of the Ministry of Health of the Russian Federation, Russia</i>
16:40-17:00	<b>ENDOMETRIOSIS FOCI DIFFERENTIATION BY RAPID LIPID PROFILING USING TISSUE SPRAY IONIZATION AND HIGH RESOLUTION MASS SPECTROMETRY</b> <i>Vladimir Frankevich, V.I. Kulakov Research Center for Obstetrics, Russia</i>
17:00-17:15	<b>RESERVED</b> <i>to be selected from the submitted abstracts</i>
17:15-17:30	<b>RESERVED</b> <i>to be selected from the submitted abstracts</i>

12:00-14:00 Pirogov Hall

S4

## INFECTIONS AND RESISTANCE

Co-chairs: *Thierry Naas, Roman Kozlov*

12:00- 12:25	<b>NGS TO DETERMINE SUSCEPTIBILITY TO ANTIBIOTICS: CHANCES AND PERSPECTIVES</b> <i>Thierry Naas, Hospital Bicetre, France</i>
12:25- 12:50	<b>WHY RESISTANCE TO ANTIBIOTICS IS IMPORTANT TODAY?</b> <i>Roman Kozlov, WHO's expert for antimicrobial resistance, Smolensk State Medical University, Russia</i>
12:50- 13:10	<b>ROLE OF INFORMATION TECHNOLOGY IN DATA-COLLECTION AND DATA-ANALYTICS FOR RESISTANCE TO ANTIBIOTICS</b> <i>Mikhail Adelshtein, Institute for Antimicrobial Chemotherapy, Russia</i>
13:10- 13:30	<b>THE HUMAN INTESTINAL MICROBIOTA IS A RESERVOIR OF RESISTANCE TO ANTIBIOTICS</b> <i>Evgenii Olekhnovich, Federal Research and Clinical Center of Physical-Chemical Medicine, Russia</i>
13:30- 13:45	<b>RESERVED</b> <i>to be selected from the submitted abstracts</i>
13:45- 14:00	<b>RESERVED</b> <i>to be selected from the submitted abstracts</i>

12:00-14:00 Abricosov Hall

S5

## IMMUNOLOGY OF NONCOMMUNICABLE DISEASE

Co-chairs: *Michaek Przybylski, Sergei Larin*

12:00-12:25	<p><b>IMMUNERT: NEW APPROACHES FOR ENZYME REPLACEMENT THERAPY OF LYSOSOMAL STORAGE DISEASES BY MASS SPECTROMETRIC IDENTIFICATION OF ANTIBODY EPITOPES</b>  <i>Michaek Przybylski, Steinbeis Centre for Biopolymer Analysis and Biomedical Mass Spectrometry, Germany</i></p>
12:25-12:50	<p><b>MEMBRANE PROTEOME OF RARE NEUROENDOCRINE TUMORS. COMBINED FORCES OF HPTC AND GLYCO-CAPTURE</b>  <i>Jiri Petrak, Institute of Hematology and Blood Transfusion, Czech Republic</i></p>
12:50-13:10	<p><b>HOW TUMOR ESCAPES THE ATTENTION OF THE IMMUNE SYSTEM? MECHANISMS AND POSSIBLE WAYS OF THERAPEUTICAL NEGOTIATION</b>  <i>Sergei Larin, Dmitry Rogachev National Research Center, Russia</i></p>
13:10-13:30	<p><b>PROTEOME PROFILING OF ANTI-CANCER DRUGS</b>  <i>Alexey Chernobrovkin, Karolinska Institutet, Sweden</i></p>
13:30-13:45	<p><b>RESERVED</b>  <i>to be selected from the submitted abstracts</i></p>
13:45-14:00	<p><b>RESERVED</b>  <i>to be selected from the submitted abstracts</i></p>



15:30-17:30 Pirogov Hall

S6

**CELLS AND REGENERATION TECHNOLOGIES**Co-chairs: *Cecilia Lindskog, Andrey Zamyatnin*

15:30-15:55	<b>MOLECULAR MECHANISMS OF REGENERATION</b> <i>Andrey Vasiliev, Koltzov Institute of Developmental Biology of Russian Academy of Sciences, Russia</i>
15:55-16:20	<b>TBA</b> <i>Andrey Zamyatnin, Sechenov First Medical University, Russia</i>
16:20-16:40	<b>CELL-BASED THERAPIES OF LIVER DISEASES</b> <i>Konstantin Yarygin, Institute of Biomedical Chemistry, Russia</i>
16:40-17:00	<b>CRYOBANK AS AN ATTRIBUTE OF OMICS</b> <i>Alexei Sazanov, Saint-Petersburg State Technological Institute, Russia</i>
17:00-17:15	<b>RESERVED</b> <i>to be selected from the submitted abstracts</i>
17:15-17:30	<b>RESERVED</b> <i>to be selected from the submitted abstracts</i>

11:30-13:30 Pirogov Hall

S7

**FOOD, NUTRITION AND MICROBIOME**Co-chairs: *Paola Roncada, Svetlana Murzina*

11:30-11:55	<b>PROTEOMICS AND ITS APPLICATION TO IMPROVE DIAGNOSIS AND MANAGEMENT OF THE FOOD ALLERGIC PATIENT</b> <i>Karin Hoffmann-Sommergruber, Medical University of Vienna, Austria</i>
11:55-12:20	<b>MUSCLE AND MEAT: NEW HORIZONS AND APPLICATIONS FOR PROTEOMICS ON A FARM TO FORK PERSPECTIVE</b> <i>Kristin Hollung, Norwegian Institute of Food, Fisheries and Aquaculture Research, Norway (TBC)</i>
12:20-12:40	<b>OH, MY GUT! CROWDSOURCING IN MICROBIOMICS</b> <i>Dmitry Alexeev, Knomics, Russia</i>
12:40-13:00	<b>PROTEOMICS AND LIPIDOMICS IN ASSESSMENT OF THE QUALITY OF MEAT OF SALMONIDS FEEDING ON DIFFERENT ARTIFICIAL DIET</b> <i>Svetlana Murzina, Institute of Biology of Karelian Research Centre, Russia</i>
13:00-13:15	<b>RESERVED</b> <i>to be selected from the submitted abstracts</i>
13:15-13:30	<b>RESERVED</b> <i>to be selected from the submitted abstracts</i>

15:00-17:00 Pirogov Hall

S8

**SPORTS, HEALTH AND DOPING CONTROL**Co-chairs: *Igor Vykhodets, Arthur Kopylov*

15:00-15:25	<b>GENDER, CONTRACEPTIVES AND INDIVIDUAL METABOLIC PREDISPOSITION SHAPE A HEALTHY PLASMA LIPIDOME</b> <i>Andrej Shevchenko, Max Planck Institute of Molecular Cell Biology and Genetics, Germany</i>
15:25-15:50	<b>SPECTRA THAT MAKE SPORT: TEST FOR HONESTY</b> <i>Arthur Kopylov, Institute of Biomedical Chemistry, Russia</i>
15:50-16:10	<b>COMBATING DOPING IN SPORTS: PROBLEMS AND PERSPECTIVES</b> <i>Igor Vykhodets, Ministry of Health, Russia</i>
16:10-16:30	<b>PHENOTYPING AND GENOTYPING OF P450 ISOZYMES: SAFETY AND EFFICACY OF NEUROLEPTIC DRUGS</b> <i>Mikhail Zastroshin, Russian Medical Academy of Continuous Professional Education of the Ministry of Health of the Russian Federation, Russia</i>
16:30-16:45	<b>RESERVED</b> <i>to be selected from the submitted abstracts</i>
16:45-17:00	<b>RESERVED</b> <i>to be selected from the submitted abstracts</i>