

## **1st International GxP Congress**

### ***Russian Practice in the Modern Context***

***“Russian practice in the modern context. Dialogue between the state and business towards improved interaction and integration in GxP processes”***

**December 15–16, 2022**

## **PROGRAM**

Congress Languages: Russian and English.

The Congress is held as part of the program of the World-Class Research Centre for Personalized Medicine.

### **Honorary Chairs**

Evgeny Shlyakhto (St. Petersburg)  
Alexandra Konradi (St. Petersburg)

### **Executive Secretary**

Anastasia Kirichenko

### **Scientific Committee**

Konstantin Belanov (Moscow)  
Olga Bolshakova (St. Petersburg)  
Alexander Dmitriev (St. Petersburg)  
Vyacheslav Dyachuk (St. Petersburg)  
Galina Engalycheva (Moscow)  
Mikhail Galagudza (St. Petersburg)  
Olga Latysheva (St. Petersburg)  
Daria Ryzhkova (St. Petersburg)  
Konstantin Samochernykh (St. Petersburg)  
Sergey Seredinin (Moscow)  
Maxim Shevtsov (St. Petersburg)  
Genrikh Sofronov (St. Petersburg)  
Vadim Tarasov (Moscow)  
Yulia Vakhitova (Moscow)

### **International Scientific Committee**

Huile Gao (China)  
Ying Wang (China)  
Jun-Qiu Miao (China)

### **Organizing Committee**

Alesya Gavra (St. Petersburg)  
Ilgiz Galyautdinov (St. Petersburg)  
Ekaterina Pevneva (St. Petersburg)  
Elena Usynina (St. Petersburg)  
Taras Shibanov (St. Petersburg)  
Alexandra Shtepa (St. Petersburg)

**December 15, 2022**

**Pavlov Hall**

**9:30–14:00** Registration

**10:00–10:10** Welcome and opening remarks

**Prof. Evgeny Shlyakhto**, Director General of Almazov National Medical Research Centre, Academician of the Russian Academy of Sciences, President of the Russian Society of Cardiology, chief visiting cardiologist of the Russian Ministry of Health for the Volga, Southern, North Caucasian and Northwestern federal districts

**10:10–10:40** Sigma1R-mediated neuroprotection. Physiology and pharmacology (an example of pharmacological development)

**Sergey Seredinin**, Academic Supervisor, Zakusov Research Institute of Pharmacology, Academician of RAS

**10:40–11:10** Government support for the national pharmaceutical industry

**Alexander Sitov**, Deputy Chair, St. Petersburg Committee for Industrial Policy, Innovation and Trade

**11:10–11:30** Coffee break

**11:30–12:00** Translational medicine: towards joint developments via commercial R&D

**Vadim Tarasov**, Director, Centre for Industrial Technologies and Entrepreneurship, Institute of Translational Medicine and Biotechnology, Sechenov Medical University

**12:00–12:30** Experience in the development of original low molecular weight neurotrophin receptor ligands

**Yulia Vakhitova**, Acting Director, Zakusov Research Institute of Pharmacology, Corresponding Member of RAS

**12:30–13:00** Gene therapy in cardiovascular diseases

**Anna Kostareva**, Director of the Institute of Molecular Biology and Genetics, Almazov National Medical Research Centre

**13:00–14:00** Lunch

**14:00–14:30** Challenges of translating basic research into clinical practice: the role of GxP practices

**Mikhail Galagudza**, Director of the Institute of Experimental Medicine, Chief Researcher, Research Department of Microcirculation and Myocardial Metabolism, Almazov National Medical Research Centre, Professor and Corresponding Member of the Russian Academy of Sciences

- 14:30–15:00** Medical Technology Transfer Centre: new opportunities for expert support of GxP processes  
**Konstantin Belanov**, Director, Scientific Centre for Expert Evaluation of Medicinal Products, Medical Technology Transfer Centre
- 15:00–15:30** Quality standards for preclinical pharmacology and toxicology studies of drugs  
**Galina Engalycheva**, Leading Expert, Expert Evaluation Department No.3, Centre for Expert Evaluation and Control of Drugs, Scientific Centre for Expert Evaluation of Medicinal Products
- 15:30–15:50** Coffee break
- 15:50–16:20** Membrane-associated Hsp70 as a new target for tumor theranostics  
**Maxim Shevtsov**, Lead Researcher, Institute of Cytology of the Russian Academy of Sciences (RAS)
- 16:20 -16:50** Trial centre in the modern context: a new level of preclinical project support  
**Anastasia Kirichenko**, Director, Preclinical Translational Research Centre, Almazov National Medical Research Centre
- 16:50–17:20** Modern clinical trials  
**Olga Bolshakova**, Chief Researcher of the Department for Clinical Trials and Evidence-Based Medicine
- 17:20–17:50** Modern approaches to drug safety studies: from clinical development to post-registration use  
**Olga Latysheva**, Director General, Axon Clinical Trial Lab

**December 16, 2022**

**Pavlov Hall**

**9:30–14:00** Registration

**10:00–10:30** Personalized medicine in neurosurgery. Translational approach from basic science to clinical use  
**Konstantin Samochernykh**, Director, Polenov Neurosurgical Institute

**10:30–10:50** New horizons in microbial and antimicrobial therapy  
**Alexander Dmitriev**, Director, Institute of Experimental Medicine, Professor of RAS

**10:50–11:20** Resizable nanoparticles for targeted tumor therapy (online)  
Professor **Huile Gao** (China)

**11:20–11:40** Coffee break

**11:40–12:10** Differentiation of human neuronal progenitor cells mediated by new nanomaterials (online)  
Professor **Ying Wang** (China)

**12:10–12:40** Traditional Chinese medicine in the treatment of acute lung injury  
Professor **Jun-Qiu Miao** (China)

**12:40–13:10** Danio Rerio as a model for scientific and preclinical research (online)  
**Vyacheslav Dyachuk**, Leading Researcher, Head of Research Laboratory of Neurogenesis and Neurodegenerative Diseases, WCRC for Personalized Medicine

**13:10–14:10** Lunch

**14:10–14:40** Advanced technologies for cell culture analysis: from photometry to AI-powered high-content screening  
Sponsored by BioLine LLC  
**Daria Dyakova**

**14:40–15:10** Implementation of the translational approach in nuclear medicine: the experience of Almazov Centre  
**Daria Ryzhkova**, Chief Researcher, Research Department of Nuclear Medicine and Theranostics, Institute of Oncology and Hematology, Head of Nuclear Medicine Unit, Head of Department of Nuclear Medicine and Radiation Technologies with Clinic, Institute of Medical Education, Professor of RAS

**15:10–15:30** Closing remarks

**Venue:**

Almazov National Medical Research Centre, 2 Akkuratova street, Saint Petersburg