



II INTERNATIONAL FORUM

# Virology days 2021

**Program**

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**IV Russian-Chinese Symposium**

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**on Infectious diseases**

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The Russian-Chinese Symposium is a part of the International Forum «Virology Days», and is organized as a part of the Year of Science and Technology in the Russian Federation. The event is supported by the Ministry of Education and Science of the Russian Federation as part of the implementation of the program of the World Class Research Center «Advanced Digital Technologies» (agreement of November 16, 2020 No. 075-15-2020-904 of the A.A. Smorodintsev Research Institute of Influenza of the Ministry of Health of Russia)



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2021**



**October 19<sup>th</sup>, Tuesday**

**14:00–17:00** (*Beijing time*)

**09:00–12:00** (*Moscow time*)

## **OPENING CEREMONY**

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- 09:00–09:05 **Academician, Prof. George Fu Gao,**  
*Chinese Center for Disease Control and Prevention,  
Chinese Academy of Science*
  
- 09:05–09:10 **Sergey Muraviev,**  
*Ministry of Health, Russian Federation*
  
- 09:10–09:15 **Dmitry Lioznov,**  
*Smorodintsev Research Institute of Influenza, Russia*



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## **PART 1: COVID-19**

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### **MODERATORS:**

*Prof. Xu Wenbo, Institute for Viral Disease Control and Prevention, China CDC*

*Daria Danilenko, Smorodintsev Research Institute of Influenza, Russia*

### **09:15–09:30 UPDATE ON VACCINATION IN CHINA AND REAL WORLD STUDY**

*Dr. An Zhijie, Deputy Director, National Immunization Program, China CDC*

### **09:30–09:45 GENETIC DIVERSITY OF SARS-COV-2 VARIANTS CIRCULATING IN RUSSIA**

*Andrey Komissarov, head, laboratory of molecular virology,*

*Smorodintsev Research Institute of Influenza, Russia*

### **09:45–10:00 TRANSMISSION OF COVID-19 THROUGH COLD CHAIN**

*Dr. Chen Cao, Associate Professor, National Institute for Viral Disease Control and Prevention, China CDC*

### **10:00–10:15 MULTI-DRUG RESISTANT BACTERIA AMONG COVID-19 HOSPITALIZED PATIENTS**

*Vladimir Musatov, Deputy Chief Physician, Botkin Hospital, St. Petersburg,*

*Department of infectious diseases, dermatovenerology and epidemiology,  
Medical Faculty, St. Petersburg State University*

### **10:15–10:30 COFFEE BREAK**



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## **PART 2: INFLUENZA**

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### **MODERATORS:**

*Prof. Xu Wenbo, Institute for Viral Disease Control and Prevention, China CDC*

*Daria Danilenko, Smorodintsev Research Institute of Influenza, Russia*

### **10:30–10:45 SURVEILLANCE AND VIROLOGICAL ANALYSIS OF SEASONAL INFLUENZA**

*Dr. Wang Dayan, Director, National Influenza Center, National Institute  
for Viral Disease Control and Prevention, China CDC*

### **10:45–11:00 AVIAN INFLUENZA VIRUS DIVERSITY IN ASIAN PART OF RUSSIA.**

*Sharshov Kirill, Head, Laboratory of molecular epidemiology and biodiversity  
of viruses, Research Center of Fundamental and Translational Medicine,  
Novosibirsk, Russia*

### **11:00–11:15 SURVEILLANCE AND CONTROL OF HUMAN INFECTION WITH AVIAN INFLUENZA IN CHINA**

*Dr. Zhou Lei, Chief of the Branch for Emerging Infectious Diseases,  
Public Health Emergency Center, China CDC*



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■ 11:15–11:30 SITUATION AND STRATEGIES ON HPAI CONTROL  
AND PREVENTION IN ANIMALS

*Dr. Song Xiaohui, Director, Office of Control and Emergency Response,  
Chinese Animal Disease Control and Prevention Center*

■ 11:30–11:45 RETROSPECTIVE MODELING OF EPIDEMICS OF ACUTE  
RESPIRATORY INFECTIONS IN THE PRESENCE OF  
ACQUIRED AND ARTIFICIAL POPULATION IMMUNITY

*Leonenko Vassiliy, Laboratory of Influenza and ARI Epidemiology,  
Smorodintsev Research Institute of Influenza, Russia; Associate Professor,  
Faculty of Digital Transformations, ITMO University, St. Petersburg, Russia*

■ 11:45–11:55 DISCUSSION AND CLOSURE



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**October 19<sup>th</sup>, Tuesday**

**19:00-21:20** (Beijing time)

**14:00-16:20** (Moscow time)

## **SATELLITE SYMPOSIUM: ANTIVIRALS**

### **MODERATOR:**

*Moderator: Prof. Vladimir Chulanov, National Medical Research Center Of Tuberculosis And Infectious Diseases, Russia*

**14:00–14:10 ANTIVIRAL THERAPY IN MANAGEMENT OF COVID-19:  
EXPERIENCE OF RUSSIA.**

### **INTRODUCTION AND OPENING REMARKS**

*Prof. Vladimir Chulanov, Deputy Director – Research and Innovation Development, National Medical Research Center Of Tuberculosis And Infectious Diseases, Russia*

**14:10–14:30 ARBIDOL: AN EFFECTIVE DRUG WHICH LOWERED  
MORTALITY IN ADULT COVID-19 PATIENTS BY INHIBITING  
FUNCTIONAL TRIMERIZATION OF THE SARS-COV-2  
SPIKE GLYCOPROTEIN**

*Naveen Vankadari, Research Fellow, Monash Biomedicine Discovery Institute, Faculty of Medicine, Nursing and Health Science, Monash University, Australia*



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■ 14:30–14:50 **ANTIVIRAL ACTIVITY OF UMIFENOVIR AGAINST  
CORONAVIRUSES: NON-CLINICAL RESEARCH IN RUSSIA**

*Prof. Irina Leneva, Head of Laboratory of Experimental virology, Mechnikov  
Research Institute of Vaccines and Sera, Russia*

■ 14:50–15:10 **ARBIDOL: AN EFFICIENT INHIBITOR OF SARS-COV-2  
IN VITRO**

*Prof. Zifeng Yang, Research Fellow, First Affiliated Hospital Of Guangzhou  
Medical University, China*

■ 15:10–15:30 **THE ROLE OF ANTIVIRAL DRUGS IN THE TREATMENT  
OF COVID-19 FROM CHINESE CLINICAL STUDIES**

*Prof. Jinnong Zhang, Director, Union Hospital affiliated to Tongji Medical  
College of Huazhong University of Science and Technology, China*

■ 15:30–15:50 **RETROSPECTIVE PHARMACOEPIDEMOLOGICAL  
ANALYSES OF COVID-19 IN RUSSIAN FEDERATION**

*Prof. Natalia Pshenichnaya, Deputy Director – Clinical and Analytical  
Work, FBSI “Central Research Institute of Epidemiology”, Rospotrebnadzor,  
Russia*

■ 15:50–16:10 **DISCUSSION: ANTIVIRALS IN RUSSIA AND CHINA**



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**09:00-12:00** (Moscow time)

## **PART 3: TUBERCULOSIS**

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### **MODERATORS:**

*Dr. Hu Yiyun, Division of Exchange and Cooperation, National Center for AIDS/STD Control and Prevention, China CDC*

*Andrey Vasin, Peter the Great St.Petersburg Polytechnic University, Smorodintsev Research Institute of Influenza, Russia*

### **09:05–09:20 MDR-TB THERAPEUTIC REGIMEN AND EFFECT EVALUATION IN CHINA**

*Dr. Li Renzhong, Professor, TB Control and Prevention Center, China CDC*

### **09:20–09:35 DIAGNOSIS AND TREATMENT OF TUBERCULOSIS IN PATIENTS WITH HIV**

*Alexander Panteleev, head of City TB dispensary, professor of socially significant diseases department, the first St Petersburg Pavlov medical university*

### **09:35–09:50 STUDY OF LATENT TUBERCULOSIS INFECTION PREVENTIVE TREATMENT AMONG KEY POPULATIONS OF TUBERCULOSIS IN CHINA**

*Dr. Zhang Hui, Assistant Director, TB Control and Prevention Center, China CDC*





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■ 09:50–10:05 USING ELECTRONIC PILLBOX FOR TB MANAGEMENT:  
RESEARCH AND IMPLEMENTATION EXPERIENCE

*Dr. Wang Ni, Associate Professor, TB Control and Prevention Center, China CDC*

■ 10:05 – 10:20 COFFEE BREAK



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## Part 4: HIV/AIDS

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### **MODERATORS:**

**Dr. Hu Yiyun**, Division of Exchange and Cooperation, National Center for AIDS/STD Control and Prevention, China CDC

**Andrey Vasin**, Peter the Great St.Petersburg Polytechnic University, Smorodintsev Research Institute of Influenza, Russia

### ■ 10:20–10:35 INTERNET-BASED HIV TEST AND INTERVENTION

**Dr. Lv Fan**, Deputy Director, National Center for AIDS/STD Control and Prevention, China CDC

### ■ 10:35–10:50 STRATEGIES AND APPROACHES TO PROMOTE HIV TESTING IN CHINA

**Dr. Jin Cong**, Director of Reference Lab, National Center for AIDS/STD Control and Prevention, China CDC

### ■ 10:50–11:05 HIV DIAGNOSTICS AND MOLECULAR EPIDEMIOLOGY IN RUSSIA AND EECA COUNTRIES

**Alexey Lopatukhin**, researcher, Laboratory of HIV diagnostics and molecular epidemiology, Central Research Institute of Epidemiology, Rospotrebnadzor

### ■ 11:05–11:20 EXPRESSION OF EVOLUTIONARILY NOVEL ENDOGENOUS HUMAN RETROVIRUSES IN TUMORS

**Kozlov Andrey**, Director of the Biomedical Center, Head of the Laboratory of Gene Neofunctionalization of the Institute of General Genetics named after N.I. Vavilov, Russian Academy of Sciences; the Laboratory of Theoretical Biology of Peter the Great St. Petersburg Polytechnic University

### ■ 11:20 – 11:30 DISCUSSION AND CLOSURE