



Siberian Branch of Russian
Academy of Sciences,
Novosibirsk



Federal Research Center for
Fundamental and Translational
Medicine



Research Institute
of Virology

V International scientific conference

***"The Impact of Climate Change on Biological
Diversity and the Spread of Viral Infections of
Animals in Eurasia"***

Dedicated to 10th anniversary of the Research Institute of Virology

with the informational support of the journal "South of Russia:
ecology, development

5 – 7 of December 2023

Novosibirsk

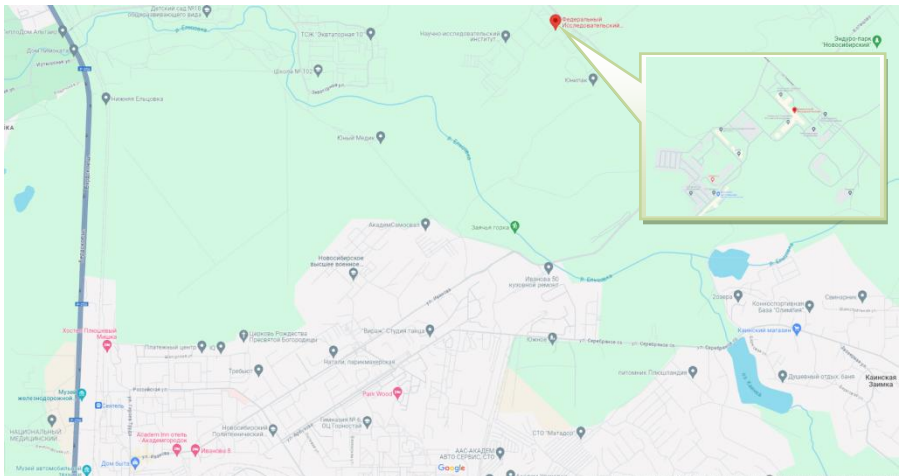


Conference location:

Federal State Budgetary Scientific Institution

"Federal Research Center for Fundamental and Translational Medicine"

630117, Novosibirsk, Timakova Street, 2 Main entrance



Research Institute of Virology is a structural subdivision of Federal Research Center for Fundamental and Translational Medicine (FRC FTM). The Institute is a leading scientific institution in the Siberian region, engaged in a comprehensive study of circulating in wild, pets and people viruses, with the definition of their properties, including potential hazard assessment. https://frcftm.ru/nii_virusologii/

**The program of V International scientific conference
"The Impact of Climate Change on Biological Diversity
and the Spread of Viral Infections of Animals in Eurasia"**

**Dear colleagues! Welcome to our conference! Online Zoom stream
starts at 10:00 AM in Novosibirsk and available at**

[https://us06web.zoom.us/j/86902681411?pwd=tnYmMFLDKbIEB12xTYzcyP
Ejk5IXb1.1](https://us06web.zoom.us/j/86902681411?pwd=tnYmMFLDKbIEB12xTYzcyPEjk5IXb1.1)

ID: 869 0268 1411 Code: 069132

5 December		Section 1: Climate trends and regional biodiversity issues	
		Moderators: Kirill Sharshov, Marina Gulyaeva Venue: FRC FTM, Novosibirsk, Timakova st., 2, White Hall (room 215)	
	Time	Speaker	Participation / Title
	10-00	Registration of participants, testing of presentations	
	10-30	Opening Ceremony: Alexander M. Shestopalov Research Institute of Virology of FRC FTM, Novosibirsk, Russia	
	10-35	Thank you words	
1	10-50	Welcome word: Kirill Sharshov Research Institute of Virology of FRC FTM, Novosibirsk, Russia	
2	11-00	Daria M. Danilenko "Smorodintsev Research Institute of Influenza", St. Petersburg, Russia	Personal: Zoonotic swine and avian influenza in European region of Russia
3	11-20	Yuhai Bi The Institute of Microbiology CAS, Beijing, China	Online: Genetic evolution of AIVs in China
4	11-40	Yoshi Sakoda Hokkaido University, Sapporo, Japan	Online: Importance of networking and information sharing for the control of avian influenza in Asia
5	12-00	Mulojon Amirbekov Institute of Veterinary Medicine of the Tajik Academy of Agricultural Sciences, Dushanbe, Tajikistan	Personal: Global climate change and its impact in the Republic of Tajikistan
	12-20	Coffee break	

6	12-40	Liu Di Wuhan Institute of Virology, Chinese Academy of Sciences, China	Personal: Single Cell Analysis of Virus Infection
7	13-00	Guy Petherbridge Caspian Centre for Nature Conservation, Institute of Ecology and Sustainable Development, Dagestan State University, Russia	Personal: Proposal for an early warning system for highly pathogenic avian influenza viruses in the Caspian Sea region
8	13-20	Xinru Lv Colledge of Wildlife and Protected Area, Northeast Foresry University, Harbin, China	Online: Wild waterfowl: Migration and Avian Influenza Spread between Russia and China
9	13-40	Yulia E. Mayevskaya Donetsk State University, Donetsk, DNR, Russia	Online: Some aspects of changes in the avifauna of the city of Donetsk and their causes
	14-00	Group Photo	
	14-15	Lunch	
10	15-00	Igor G. Korobitsyn Tomsk State University, Tomsk, Russia	Personal: Long-term observations of waterfowl migration in the southeast of the forest zone of Western Siberia
11	15-20	Jianjun Chen Wuhan Institute of Virology, Chinese Academy of Sciences, China	Personal: Ecology of avian influenza viruses in migratory birds
12	15-40	Sergey V. Pyzhyanov Pedagogical Institute of the Federal State Budgetary Educational Institution of Higher Education "Irkutsk State University", Irkutsk, Russia	Personal: Transcontinental migrations of birds from eastern siberia as a factor of the global spread of influenza viruses
13	16-00	Gang Song Institute of zoology, Beijing, China	Online: Roles of the Qinghai- Tibet Plateau to birds diversity — Refuge, diversification and migration.
14	16-20	Victor N. Irza Federal Centre for Animal Health, Vladimir, Russia	Online: Update on HPAI in the Russian Federation)
	16-40	Discussion	

6 December		Section 2: Ecology of migratory species - hosts of viral pathogens	
Moderators: Alexander Yu. Alekseev, Alexey A. Maslov, Venue: FRC FTM, Novosibirsk, Timakova st., 2, White Hall (room 215)			
	Time	Speaker	Participation / Title
	10-00	Testing of presentations	
15	10-20	Welcome word: Alexander Yu. Alekseev Research Institute of Virology of FRC FTM, Novosibirsk, Russia	
16	10-30	Alimurad Akhmedovich Gadjev Dagestan State University, Russia	Personal: The role of the North Caucasus in the spread of viral infections transmitted by wild animals
17	10-50	Qimin You Hangzhou, Zhejiang Province, China	Online: Portable molecular tests for the detection of viruses carried by migratory animals
18	11-10	Qurbon Odinaev Institute of Veterinary Medicine of the Tajik Academy of Agricultural Sciences, Dushanbe, Tajikistan	Personal: Potential role of migratory birds in the spread of viral pathogens
19	11-30	Alex Lintu Viskontene Zoological Institute of the Russian Academy of Sciences, Central Research Institute of Epidemiology of Rospotrebnadzor, St. Petersburg, Russia,	Online: Lack of hantaviruses in bats of the north-west of Russia
20	11-50	Ulyana V. Gorobeyko FSC Biodiversity FEB RAS Vladivostok, Russia	Personal: Rare species of bats in the south of the Russian Far East: new finds and spreading data
	12-10	Coffee break	
21	12-20	Aleksandra Larchanka State Research and Production Association "Scientific and Practical Center of the National Academy of Sciences of Belarus for Bioresources" Minsk, Belarus	Personal: Distribution of bat flies (<i>Diptera: Nycteribiidae</i>) in Belarus
22	12-40	Alexander V. Zhigalin, Tomsk university, Tomsk, Russia	Personal: Chiropteran viruses of Russia and neighboring countries

23	13-00	Anna S. Speranskaya Research Institute of Systems Biology and Medicine of Rosпотребнадзор	Personal: Relationships between coronaviruses from bats, caught in European Russia and EU countries
24	13-20	Galina A. Danchinova Federal State Public Science Institution “Scientific Center for Family Health and Human Reproduction Problems”, Irkutsk, Russia	Personal: Transformation of natural focus of tick-borne infections during climate and landscape change in eastern Siberia
25	13-40	Alexey A. Maslov Institute of Systematics and Ecology of Animals, Novosibirsk, Russia	Personal: The first meeting of the pond bat <i>Myotis dasycneme</i> (Boie, 1825) in the Stavropol Territory
	14-00	Lunch	
26	15-00	Olga R. Druzyaka Novosibirsk state university, Institute of Systematics and Ecology of Animals, FRC FTM, Novosibirsk, Russia	Personal: The influence of individual characteristics of individuals on the dynamics of LPAI infection in immunologically naive wild ducklings
27	15-20	Maria Gromova Novosibirsk state university, Institute of Systematics and Ecology of Animals, Novosibirsk, Russia	Personal: Relationship of feeding competitiveness to fear responses measured in the tonic immobility test in captive wild ducklings
Section 3: Epidemiology and human viruses			
Moderators: Alexander M. Shestopalov, Natalia V. Palyanova			
Venue: FRC FTM, Novosibirsk, Timakova st., 2, White Hall (room 215)			
28	15-40	Olga Prud, «Zdravitsa Raevskogo», Almaty, Kazahstan	Personal: Problems of oncology in Kazakhstan
29	16-00	Natalia V. Palyanova Research Institute of Virology of FRC FTM, Novosibirsk, Russia	Personal: The epidemic of SARS- CoV-2 in Siberia in 2020-2022 Period
30	16-20	Teresa A. Saroyan Research Institute of Virology of FRC FTM, Novosibirsk, Russia	Personal: Etiology of acute respiratory viral infections in children in Novosibirsk during the COVID-19 pandemic
	17-00	Welcome Dinner	

7 December		Section 4: Ecology of viruses carried by migratory animals Moderators: Kirill Sharshov, Alexander Yu. Alekseev Venue: FRC FTM, Novosibirsk, Timakova st., 2, White Hall (room 215)	
	Time	Speaker	Participation / Title
	10-30	Testing of presentations	
31	10-40	Vyacheslav Gabyshev Institute for biological problems of cryolithozone, Yakutsk, Russia	
32	11-00	Round table	
		Alexander M. Shestopalov Research Institute of Virology of FRC FTM, Novosibirsk, Russia	
		Kirill Sharshov Research Institute of Virology of FRC FTM, Novosibirsk, Russia	
		Dmitry Vladimirovich Kazakov Director InterlabTreyd	
		Vyacheslav Borgoyakov Senior Sales and Product Promotion Manager Interlabservice	
		Olga A. Vyatkina «Zdravitsa Raevskogo», Almaty, Kazakhstan	
		Olga G. Kurskaya Research Institute of Virology of FRC FTM, Novosibirsk, Russia	
		Ivan A. Sobolev Research Institute of Virology of FRC FTM, Novosibirsk, Russia	
12-00		Section 5 Posters Moderators: Kirill Sharshov, Alexander Yu. Alekseev Venue: FRC FTM, Novosibirsk, Timakova st., 2, Hall	
33	Yuriy Karkavin Research Institute of Virology of FRC FTM, Novosibirsk, Russia	Antitumor effect of the Newcastle disease virus strain NDV/ALTAI/PIGEON/777/2010 on an experimental model of solid Lewis lung carcinoma	
34	Veronika S. Kovalenko Research Institute of Virology of FRC FTM, Novosibirsk, Russia	Development and optimization of the dosage form of an oncolytic drug based on the Newcastle disease virus	
35	Alina R. Nokhova Research Institute of Virology of FRC FTM, Novosibirsk, Russia	Betatorquevirus (TTMV) and other anelloviruses in the human respiratory tract virome	
37	Teresa A. Saroyan Research Institute of	Etiology of acute respiratory viral infections in children in Novosibirsk during the COVID-	

	Virology of FRC FTM, Novosibirsk, Russia	19 pandemic
38	Tatyana A. Murashkina Research Institute of Virology of FRC FTM, Novosibirsk, Russia	Monitoring of Avian influenza virus in wild birds at the west coast of the Middle Caspian Sea, 2017-2020
39	Pavel A. Startsev A.P. Ershov Institute of Informatics Systems SB RAS	A software complex with Web-access for storage, processing and analyzing of genetic sequences of respiratory viruses
40	Dmitriy A. Zhironov Research Institute of Virology of FRC FTM, Novosibirsk, Russia	Avian astroviruses in wild migratory birds of Sakhalin Island, North Pacific
41	Ilya O. Kolotygin Research Institute of Virology of FRC FTM, Novosibirsk, Russia	Detection of Avian coronaviruses in wild birds of Siberia
42	Elena Prokopyeva Research Institute of Virology of FRC FTM, Novosibirsk, Russia	"Models of adapted influenza A and B viruses for studying the therapeutic and prophylactic effectiveness of antiviral drugs and vaccines in vitro and in vivo"
43	Nikita S. Kasianov Research Institute of Virology of FRC FTM, Novosibirsk, Russia	The role of the mallard (<i>Anas platyrhynchos</i>) and common teal (<i>Anas crecca</i>) in the circulation of Avian influenza virus in Siberia

The event was organized by:

Siberian Branch of Russian Academy of Sciences, Novosibirsk
Federal Research Center for Fundamental and Translational Medicine
Research Institute of Virology

Members of the organizing and program committees:

1. Voevoda Mikhail Ivanovich – Academician RAS, professor, MD.
Director of FRC FTM
2. Shestopalov Alexander Mikhailovich – Doctor of Biological Sciences, professor, Director of Research Institute of Virology of FRC FTM
3. Sharshov Kirill Aleksandrovich – Ph.D, Laboratory of Molecular Epidemiology and Biodiversity of Viruses, Research Institute of Virology of FRC FTM
4. Alekseev Alexander Yurievich – Ph.D, Laboratory of Experimental Biology of Pathogenic Microorganisms, Research Institute of Virology of FRC FTM
5. Gulyaeva Marina Alexandrovna– Ph.D, Associate Professor at the Department of Physiology FEN NSU, acting Head of the Laboratory of Experimental Virology, Institute of Chemical Biological Medicine SB RAS
6. Gadjiev Alimurad Akhmedovich – Ph.D, Associate Professor, Vice-Rector for Science, Dagestan State University
7. Palyanova Natalia Valerievna – Laboratory of Genomics and Evolution of Viruses, Research Institute of Virology of FRC FTM
8. Adamenko Lyubov Sergeevna – Laboratory of experimental oncology and testing of pharmacological agents, Research Institute of Virology of FRC FTM
9. Skorupo Anna Sergeevna – Laboratory of experimental oncology and testing of pharmacological agents, Research Institute of Virology of FRC FTM

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