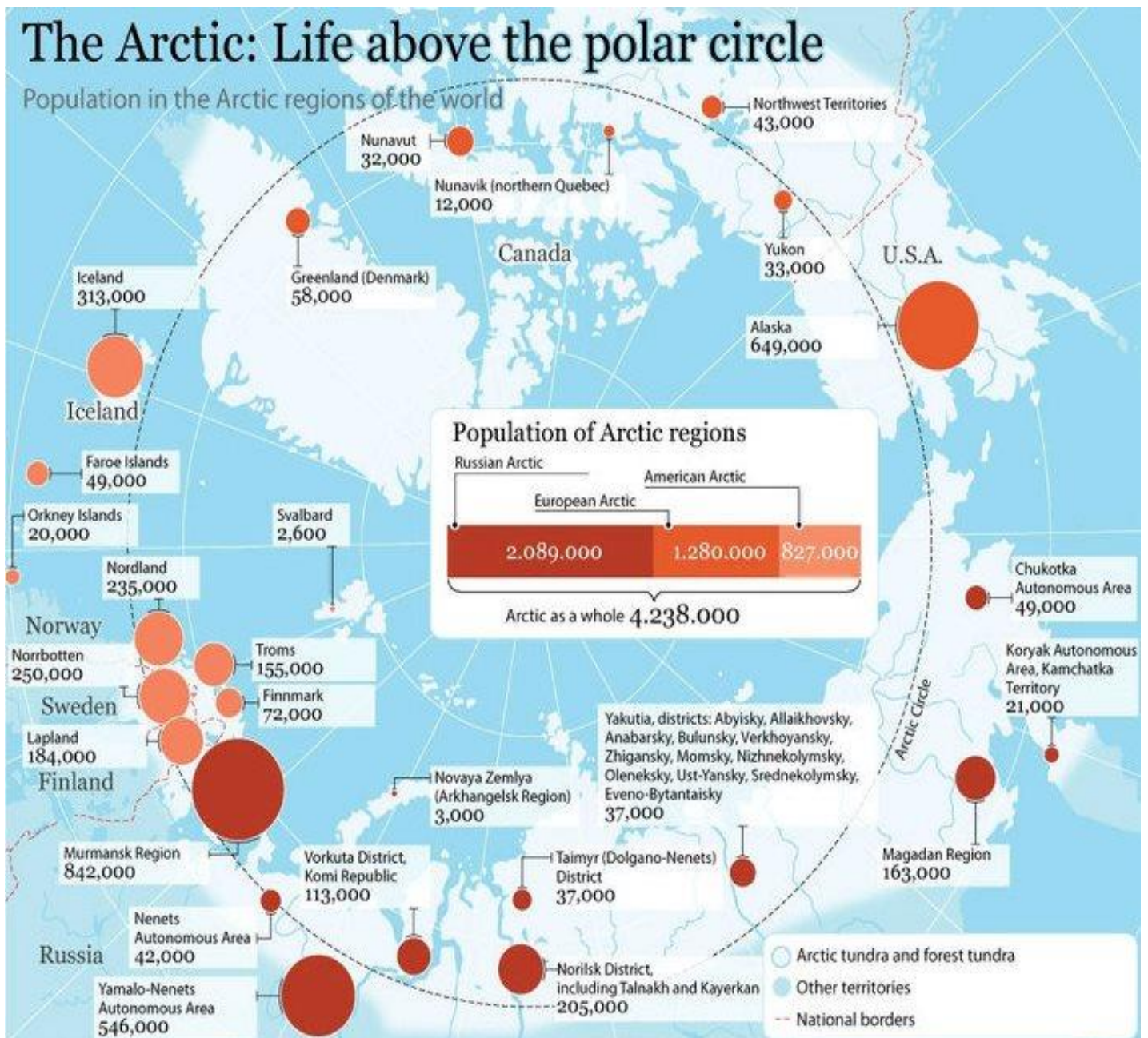


Conference Organizers: Federal Service for Surveillance of Consumers' Rights Protection and Human Well-being,

North-West Public Health Research Center.

Conference Venue: 56, *Shpalernaya Street, Saint-Petersburg. Training Center of SUE “Vodokanal of St.-Petersburg”*



Organizing Committee

of Research and Practice Conference with Foreign Participation **“Problems of Health Maintenance and Sanitary-Epidemiological Well-being Provision of Arctic Population”**

Chairman:	
Popova Anna Yur'evna	Head of Federal Service for Surveillance of Consumers' Rights Protection and Human Well-being
Vice-Chairman:	
Gorbanev Sergei Anatol'evich	Director, North-West Public Health Research Center
Members of Organizing Committee:	
Shevkun Irina Gennad'evna	Head of Sanitary Supervision Department, Federal Service for Surveillance of Consumers' Rights Protection and Human Well-being
Ezhlova Elena Borisovna	Head of Epidemiological Supervision Department, Federal Service for Surveillance of Consumers' Rights Protection and Human Well-being
Ashik Igor' Mikhailovich	Assistant Director in Research, Arctic and Antarctic Scientific Research Institute, Federal Hydrometeorology and Environmental Monitoring Service
Buzinov Roman Vyacheslavovich	Head of Arkhangel'sk Region Department of Federal Service for Surveillance of Consumers' Rights Protection and Human Well-being
Gudkov Andrei Borisovich	Head of Hygiene and Medical Ecology Department, North State Medical University, Ministry of Health of Russia
Dudarev Aleksei Anatol'evich	Head of Hygiene Department, North-West Public Health Research Center
Lukicheva Lena Aktrsandrovna	Head of Murmansk Region Department of Federal Service for Surveillance of Consumers' Rights Protection and Human Well-being
Mustafina Ilina Zakariyanovna	Head of Division for Research Support of Sanitary and Epidemiological Well-being of Population, of the Department of Research Support of Sanitary-Epidemiological Well-being of Population and of International Cooperation of Federal Service for Surveillance of Consumers' Rights Protection and Human Well-being
Muragimov Timur Il'darovich	Deputy Chief of Division for Sanitary Supervision Organization in Occupational Hygiene and Radiation Hygiene, Department for Sanitary Supervision of Federal Service for Surveillance of Consumers' Rights Protection and Human Well-being
Kulichenko Aleksandr Nikolaevich	Director, Stavropol Anti plague Institute
Romanovich Ivan Konstantinovich	Director, P.V. Ramzaev Scientific Research Institute of Radiation Hygiene
Totolyan Areg Artyomovich	Director, Saint-Petersburg Pasteur Institute of Epidemiology and Microbiology, Saint-Petersburg
Philippov Boris Yur'evich	Pro-rector for Academic Affairs, Northern (Arctic) Federal University named after M.V. Lomonosov
Fridman Kirill Borisovich	Deputy Director in Research, North-West Public Health Research Center, St.-Petersburg
Frolova Nina Mikhailovna	Academic Secretary, North-West Public Health Research Center , St.-Petersburg
Chashchin Valerii Petrovich	Chief Researcher, Department for Research Support of Sanitary and Epidemiological Well-being of Population and Expert Appraisals, North-West Public Health Research Center , St.-Petersburg
Technical Secretariat of the Conference	
Alent'eva Ol'ga Sergeevna	Head, Organizational and Legal Department, North-West Public Health Research Center , St.-Petersburg
Romanova Nataliya Pavlovna	Assistant Director in International Cooperation, North-West Public Health Research Center , St.-Petersburg

First day, Thursday, October 05, 2017

56, Shpalernaya Street, Saint-Petersburg, SUE “Vodokanal of Saint-Petersburg”

9:30 –
10:00 Registration of Conference participants

Moderators:

Gorbanev S.A., M.D., Director, North-West Public Health Research Center, Saint-Petersburg
Shpektor I.L., member of the Academy, Chairman of the Commission for Social Infrastructure Development, Local Self-Management and Housing and Utilities Services; President of the Union of Arctic Circle and Far North Cities, Moscow
Thomas Hennessy Director, US CDC, Arctic Investigations Program, , Alaska, USA

Opening ceremony of the Conference

Complimentary address to the Conference participants

10:00– **Popova Anna Yur’evna**

10:15 Head of Federal Service for Surveillance of Consumers’ Rights Protection and Human Well-being, Moscow

Thomas Hennessy

Director, US CDC, Arctic Investigations Program, Alaska, USA

Gorbanev Sergei Anatol’evich

Director, North-West Public Health Research Center, Saint-Petersburg,

10:15 **Gorbanev Sergei Anatol’evich**

– *Arctic Zone of Russian Federation – an Object of Statistical Measurement and Research Studies; Challenges and Objectives*

10:30 Director, North-West Public Health Research Center, Saint-Petersburg

10:30 **Shpektor Igor’ Leonidovich**

– *Characteristics of Housing and Utilities Services Organization, and Ecology in Arctic*

10:45 Chairman of Commission for Social Infrastructure Development, Local Self-Management and Housing and Utilities Services; President of the Union of Arctic Circle and Far North Cities, Moscow

10:45 **Thomas Hennessy**

– *An Arctic Council Initiative to Improve Health in the Arctic Region through Improving Access to Household Running Water and Sewer Services.*

11:00 Director, US CDC, Arctic Investigations Program, Alaska, USA

11:00 **Revich Boris Aleksandrovich**

– *Demographic Processes and Manpower Resources Dynamics in Arctic Region*

11:15 Head of Laboratory, Institute of National Economy Forecasting, of Russian Academy of Sciences, Moscow

11:15 **Nikanov Aleksandr Nikolaevich**

– *Major Demographic Trends Among Population of European Part of Arctic Zone of Russian Federation (by the Example of Murmansk Region)*

11:30 Director of “Research Laboratory”, Kirovsk Branch of North-West Public Health Research Center, Kirovsk

11:30 **Efimova Natal’ya Vasil’evna**

– *Application of Up-to-Date Approaches for Population Morbidity Analysis (by the example of Yamalo-Nenets Autonomous District)*

11:45 Leading researcher, “East-Siberian Institute of Medical and Ecological Studies”, Angarsk

- 11:45 **Andronov Sergei Vasil'evich**
 – *Grown-up Population Health in Three Areas of Yamalo-Nenets Autonomous District*
 12:00 Senior researcher, “Research Center for Arctic Studies”, Yamal-Nenets Autonomous District, Nadym

12:00 – 12:30 **Coffee break**

Moderators:

A.A. Dudarev, M.D., Head, Occupational Health Department, North-West Public Health Research Center, Saint-Petersburg

Pál Magni Weihe, Head, Department of Occupational and Public Health, Faroe Islands, Denmark

- 12:30 **Dudarev Aleksei Anatol'evich**
 – *On the International Research Collaboration of North-West Public Health Research Center in the Field of Medical Ecology and Environmental Health in Arctic*
 12:45 Head of Occupational Health Department, North-West Public Health Research Center, Saint-Petersburg
- 12:45 **Pál Magni Weihe**
 – *Health effects associated with the measured levels of contaminants in the Arctic*
 13:00 Head of the Department of Occupational and Public Health, Faroe Islands, Denmark
- 13:00 **Khoury Cheryl**
 – *Human Biomonitoring in the Canadian Arctic*
 13:15 Deputy Chief of Population Biomonitoring Section, Health Canada, Ottawa, Canada
- 13:15 **Yngvar Thomassen**
 – *Impact of Climate Change on Environmental Pollutants Spreading in the Arctic and Human Health*
 13:30 Professor, Department of Environmental Sciences and Nature Management, Norwegian University of Life Sciences; Senior Adviser, National Institute of Occupational Health, Oslo, Norway
- 13:30 **Usynina Anna Aleksandrovna**
 – *On the Experience of Work in Data Recording and Use of Arkhangel'sk Region Birth Register*
 13:45 Assistant professor, Northern State Medical University, Health Ministry of Russia, Arkhangel'sk
- 13:45 **Novysh Ol'ga Glebovna**
 – *Population Cancer Register of Arkhangel'sk Region. Data Recording and Use Experience*
 14:00 Assistant Head Physician in Medicine, “AKOD” (Cancer Detection Center), Chief non-staff oncology expert, Arkhangel'sk Region Ministry of Health, Arkhangel'sk

14:00 – 15:00 **DINNER BREAK**

Moderators:

V.P. Chashchin, MD, Prof., Chief Researcher, North-West Public Health Research Center, Saint-Petersburg

I.V. Lyalyushkina, Head Physician, “Kolabyt” Ltd., “Kolskii” Health and Recreation Resort, Monchegorsk

Yngvar Thomassen, Professor, Department of Environmental Sciences and Nature Management, Norwegian University of Natural Sciences, Senior Adviser, National Institute of Occupational Health, Oslo, Norway

- 15:00 **Chashchin Valerii Petrovich**
 – *Personal Risk Assessment in Cold Work Conditions*
 15:15 Chief Researcher, North-West Public Health Research Center, Saint-Petersburg

- 15:15 **Marte R Thomassen**
 – **Occupational Exposure and Health Among King Crab Processing Workers in Norway**
 15:30 Occupational Hygienist, Department of Occupational and Environmental Medicine, University Hospital of North Norway, Tromsø, Norway
- 15:30 **Morten Skandfer**
 – **Occupational Health Issues of Current Importance in North Mining Industry**
 15:45 Researcher, Arctic University of Norway, Institute of Community Medicine, participant of “Occupational Health in Arctic” project, Tromsø, Norway
- 15:45 **Vaktskjold Arild**
 – **Maternal alcohol abuse and smoking in an Arctic population, and perinatal outcome**
 16:00 Professor, Inland High School, Department of Public Health, Elverum, Norway
 Inland Hospital, Research Department, Sanderud, Norway.
- 16:00 **Eva Kramvik**
 – **Controlling midwives exposures to nitrous oxide in North- Norwegian delivery rooms**
 16:15 Occupational Hygienist, Department of Occupational and Environmental Medicine, University Hospital of North Norway, Tromsø, Norway
- 16:15 **Talykova Lyudmila Vasil’evna**
 – **Hygienic Evaluation of Physical Agents and Special Assessment of Working Conditions in Arctic**
 16:30 Assistant Director in Science, “Research Laboratory”, Kirovsk Branch of North-West Public Health Research Center, Kirovsk
- 16:30 **Agbalyan Elena Vasil’evna**
 – **On Toxic and Carcinogenic Risks for Yamal-Nenets Autonomous District Population**
 16:45 Chief Researcher, Head of Ecological and Biological Studies Section, “Research Center for Arctic Studies”, Yamal-Nenets Autonomous District, Nadym
- 16:45 **Lyalyushkina Irina Viktorovna**
 – **Risk Management of General and Occupational Disease Incidence at Copper-Nickel Production Plants in Kola Arctic Circle**
 17:00 Head Physician, “Kolabyt” Ltd., “Kolskii” Health and Recreation Resort, Monchegorsk
- 17:00 **Rymar’ Aleksandr Ivanovich**
 – **Carcinogenic Risk of Oil Production Processes and Oil Waste**
 17:15 Head, Sanitary Inspection Division, Komi Department of Federal Service for Surveillance of Consumers’ Rights Protection and Human Well-being, Komi, Syktyvkar
- 17:15 – 18: **VISIT TO THE “CLEAR WATER MUSEUM”**

Second Day, Friday, October 6, 2017

56, Shpalernaya Street, Saint-Petersburg, SUE “Vodokanal of St.-Petersburg”

Moderators:

A.N. Kulichenko, Professor, Director, Stavropol Scientific Research Antiplague Institute, Stavropol
A.A. Lobanov, Deputy Director, Research Center for Arctic Studies, Yamal-Nenets Autonomous District, Nadym
Vaktskjold Arild Professor, Inland High School, Department of Public Health, Elverum, Norway
 Inland Hospital, Research Department, Sanderud, Norway.

10:00 **Kulichenko Aleksandr Nikolaevich**
 – **Climate Changes and Infectious Diseases**
 Corresponding Member of Russian Academy of Sciences, Director, Stavropol Scientific Research

- 10:10 Antiplague Institute, Stavropol.
- 10:10 **Tokarevich Nikolai Konstantinovich**
 – *Effect of Climatic Changes on Feral Nidal Infections Incidence in European North of Russia*
 10:25 Head of Laboratory, Saint-Petersburg Pasteur Institute of Epidemiology and Microbiology, Saint-Petersburg
- 10:25 **Panin Aleksandr Nikolaevich**
 – *High-Latitude Microbiota Monitoring as a Predictor of Global Climate Change*
 10:35 Lecturer, Department of Microbiology, S.M. Kirov Military Medical Academy, Saint-Petersburg
- 10:35 **Makova Elena Aleksandrovna**
 – *Problems of Cattle Burial Grounds and Epidemiological Risk of Dangerous Infectious Disease Outbreak in Arctic*
 10:45 Expert, Center of Information and Legal Support of Arctic Development, Moscow
- 10:45 **Thomas Hennessy**
 – *The International Circumpolar Surveillance System for Infectious Diseases.*
 11:00 Director, US CDC, Arctic Investigations Program, Alaska, USA
- 11:00 **Lobanov Andrei Aleksandrovich**
 – *Traditional Food Problems of Indigenous Inhabitants of Arctic Territories of West Siberia*
 11:15 Deputy Director, Research Center for Arctic Studies, Yamal-Nenets Autonomous District, Nadym
- 11:15 **Prakhin Efim Isaakovich**
 – *Fundamental Approaches to the Development of Priority and Advanced Programs of Extension and Quality Improvement of Employable Period of Human Life in Extreme Conditions Based on Nutrition Optimization and Adjustment in Accordance with Ethnogenetic and Population Peculiarities of North Residents*
 11:30 Chief Researcher, Scientific Research Institute of Medical Problems of the North, Kola Research Center of Russian Academy of Sciences; Research Manager, Institute of Preventive and Clinical Nutrition, Krasnoyarsk State Medical University named after V.F. Voino-Yasenetskyi, RF, Krasnoyarsk
- 11:30 **Usov Viktor Georgievich**
 – *Adaptation of Population and Industrial Company Personnel to Unfavourable Climatic and Sanitary-Hygienic Conditions of RF Arctic Zone, Using Functional and General Health Produce Based on Natural Raw and Marine Origin Materials*
 11:40 Chief Executive, Vice-President, Russian National Committee for Supporting UNEP (“UNEP COM”), Moscow
- 11:40 **Degteva Galina Nikolaevna**
 – *Medical and Hygienic Problems of Children’s Nutrition in Educational Institutions of Arctic Zone of Russian Federation*
 11:50 Professor, Department of Hygiene and Medical Ecology, Northern State Medical University”, RF Ministry of Health; Director, Scientific Research Institute of Arctic Medicine, Arkhangel’sk
- 11:50 **Dudarev Aleksei Anatol’evich**
 – *On the Results of Environmental Health Studies in Pechenga Area of Murmansk Region in the Framework of International Kolarctic Project “Food and health security in the Norwegian, Finnish and Russian border regions: linking local industries, communities and socio-economic impacts” 2013-2016*
 12:00 Head of Occupational Health Department, North-West Public Health Research Center, Saint-Petersburg

- 12:00 **Kaspar'yan Zhanna Eduardovna**
– *Social Policy With Respect to Health and Food Safety for Indigenous Population of Murmansk region*

12:10 Academic Secretary, Center for Humanitarian Problems of Barents Region, Branch of Kola Research Center, Russian Academy of Sciences, Apatity

12:10 – 12:40 **Coffee break**

Moderators:

B.A. Revich., MD, Prof., Head of Laboratory, “Institute of National Economy Forecasting, of Russian Academy of Sciences” Moscow

S.N. Krivoshchekov, MD, Head of “Body Functional Reserves” Laboratory, Scientific Research Institute of Physiology and Fundamental Medicine, Siberian Branch of Russian Academy of Medical Sciences, Novosibirsk

- 12:40 **Tkacheva Viktoria Mikhailovna**
Residential Water Supply Problems in Yamal-Nenets Autonomous District

12:50 Head of Sanitary Supervision and Transport Supervision, Yamalo-Nenets Department of Federal Service for Surveillance of Consumers' Rights Protection and Human Well-being, Salekhard

- 12:50 **Petrov Vladimir Nikolaevich**
– *Comparative Analysis of Population Morbidity Level and Mineral Composition of Artesian Drinking Water in Arctic Zone and in Midland Russia*

13:00 Senior Researcher, Scientific Research Center of Medical and Biological Problems of Human Adaptation in Arctic, Russian Academy of Sciences, Apatity

- 13:00 **Krivoshchekov Sergei Georgievich**
– *Hemodynamics and Neurovegetative Regulation of Cardiovascular Activity in Arctic Inhabitants*

13:10 Head of “Body Functional Reserves” Laboratory, Scientific Research Institute of Physiology and Fundamental Medicine”, Siberian Branch of Russian Academy of Medical Sciences, Novosibirsk

- 13:10 **Kulganov Vladimir Aleksandrovich**
– *Psychoemotional State of Arctic Rural Residents with Essential Hypertension and Comorbidity*

13:20 Professor, Department of Medical and Special Knowledge, St.-Petersburg State University; Department of Radiation, Chemical and Biological Protection, Military Space Academy named after A.F. Mozhaitskiy, Saint-Petersburg - Pushkin

- 13:20 **Belisheva Natal'ya Konstantinovna**
– *Role of High-latitude Geophysical Agent Variations in Prevalence Dynamics of Diseases Having Social Significance Among Arctic Population*

13:30 Head of Division, Scientific Research Center of Medical and Biological Problems of Human Adaptation in Arctic, Russian Academy of Sciences, Apatity

- 13:30 **Revich Boris Aleksandrovich**
– *Climatic Health Risks in the North of Russia*

13:40 Head of Laboratory, Institute of National Economy Forecasting, of Russian Academy of Sciences, Moscow

- 13:40 **Tikhonova Irina Viktorovna**
– *Population Health Status in a Large Industrial Arctic City (by the example of Noril'sk, Krasnoyarsk Territory)*

13:50 Head of Social and Hygienic Monitoring Division, Krasnoyarsk Territory Department of Federal

- 13:50 **Novikova Yulia Aleksandrovna**
– *Peculiarities of Social and Hygienic Monitoring Organization and Maintenance in Arctic Zone Of Russian Federation*
14:00 Head of Analysis, Assessment and Prognosis Division, North-West Public Health Research Center, Saint-Petersburg

POSTER PRESENTATIONS

Chashchin Maksim Valer'evich

"Severnyi" Research and Education Cluster – Goals and Objectives

Head of Research Laboratory for Arctic Medicine, North-Western State Medical University named after I.I. Mechnikov, RF Ministry of Health, Saint-Petersburg

Andronov Sergei Vasil'evich

Mother and Child Health Among Indigenous Population of Yamal-Nenets Autonomous District

Senior Researcher, Research Center for Arctic Studies, Yamal-Nenets Autonomous District, Nadym

Zavadskaya Tat'yana Sergeevna, Chebotareva Elena Nikolaevna, Mikhailov Roman Egorovich, Belisheva Natal'ya Konstantinovna

Epidemiological Aspects of Microflora Growth Characteristics in Bodies of Women and Children Living in Arctic

Scientific Research Center of Medical and Biological Problems of Human Adaptation in Arctic, Kola Research Center of Russian Academy of Sciences, Apatity

Mashkovich Konstantin Igorevich

Project Development Organization Experience of Sanitary Protection Zones for Large Production Facilities in RF Arctic Zone Conditions (by the example of Noril'sk)

Candidate of Engineering, Head, Air Protection Activity Division, NorNikel Mining Company, Moscow

Prakhin Efim Isaakovich

Modular Approaches in Continuous Training of Physicians in Foreground Knowledge Required for Preventive and Clinical Nutrition Organization in North Conditions

Research Manager, Institute of Preventive and Clinical Nutrition, Krasnoyarsk State Medical University named after V.F. Voino-Yasenetskyi; Chief Researcher, Scientific Research Institute of Medical Problems of the North, Kola Research Center of Russian Academy of Sciences, RF, Krasnoyarsk

14:00

–

14:30

**DISCUSSION
SUMMING-UP AND RESOLVING.
CONFERENCE CLOSING**

Coffee Break