DRAFT

Federal Service for Supervision of Consumer Rights Protection and Human Well-Being
Russian Academy of Sciences, Preventive Medicine Section of the Department of Medical Sciences
Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Risk Management Technologies
of the Federal Service for Supervision of Consumer Rights and Human Well-being Protection
Department of the Federal Service for Supervision of Consumer Protection and Human Well-being in the Perm Territory
Federal State Budgetary Educational Institution of Higher Education Perm State
Medical University named after Academician E.A. Wagner
of the Ministry of Health of the Russian Federation

PARTICIPANTS:
RISE, Specialized Group on Environment and Health
National Institute for Food Control, Hanoi (SRV)

HEALTH RISK ANALYSIS – 2022
Fundamental and Applied Aspects of Ensuring Sanitary and Epidemiological Well-being of the Population
AND RISE-2022 MEETING ON ENVIRONMENTAL HEALTH

Dedicated to the 100th anniversary of the Sanitary and Epidemiological Service of Russia

PROGRAM

The XII All-Russian Scientific and Practical Conference with International Participants

Perm, May 18-20, 2022

Perm 2022

Conference organizers:

Federal Service for Supervision of Consumer Rights Protection and Human Well-being

Russian Academy of Sciences, Section of Preventive Medicine of the Department of Medical Sciences of the Russian Academy of Sciences

Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Risk Management Technologies of the Federal Service for Supervision of Consumer Rights and Human Well-being Protection
Department of the Federal Service for Supervision of Consumer Protection and Human Well-being in the Perm Territory

Federal State Budgetary Educational Institution of Higher Education Perm State
Medical University named after Academician E.A. Wagner of the Ministry of Health of the Russian Federation

WITH THE PARTICIPATION OF:
RISE, Specialized Group on Environment and Health
National Institute for Food Control, Hanoi (SRV)

Members of the Organizing Committee of the 12th All-Russian Scientific and Practical Conference with International Participants "Health Risk Analysis - 2022. Fundamental and applied aspects of ensuring sanitary and epidemiological well-being of the population"

Chairman:	
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Zaitseva Nina Vladimirovna	Scientific Director of the Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies
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Peter Spencer	Ph.D., RISE, Specialized Group on Environment and Health
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Sergeeva Elena Vasilievna	Head of the PR and International Relations Subdivision at the Federal Scientific Center for Medical and Preventive Health Risk Management Technologies
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Tsinker Maria Mikhailovna	Editor at the Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies

CONFERENCE PROGRAM

Session 1

ACTUAL PROBLEMS OF SANITARY AND EPIDEMIOLOGICAL WELL-BEING AND ANALYSIS OF PUBLIC HEALTH RISKS

Moderators:
Alekseev Vadim Borisovich, Doctor of Medicine, Director of the Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights;
May Irina Vladislavovna, Doctor of Biology, Professor, Deputy Director for Science of the Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights.

1.1	**Atmospheric air quality and health indicators of the population** *Academician of the Russian Academy of Sciences, Doctor of Medicine, Prof. N.V. Zaitseva* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
1.2	**Health preservation, nutrition, demographics** *Academician of the Russian Academy of Sciences, Doctor of Medicine, Prof. V.A. Tutelyan* Federal State Budgetary Scientific Institution Federal Research Center for Nutrition, Biotechnology and Food Safety, Moscow
1.3	**Health issues in the national climate change adaptation plans** *Doctor of Medicine, Prof. B.A. Revich* Institute of National Economic Forecasting of the Russian Academy of Sciences

MEETING ON ENVIRONMENTAL HEALTH RISE-2022

1.4	**The impact of global changes in the Arctic zone and possible health consequences** **1.4.1.Environmental Health and Medicine challenges in the Arctic and Sub-arctic** *J. Reis, prof. P.S. Spencer* RISE, a specialized group on environment and health, Strasbourg, France **1.4.2.Influence exerted by global climate change in the Arctic zone on public health in the Russian Federation** *Academician of the Russian Academy of Sciences, Doctor of Medicine, Prof. N.V. Zaitseva, Doctor of Medicine, Prof. S.V. Kleyn, M.V. Glukhih* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia **1.4.3.Examining indicators of negative outcomes in children under combined exposure to aerogenic chemical factors and adverse climatic ones** *Doctor of Medicine, Associate Professor M.A. Zemlyanova, Doctor of Biology Yu.V. Koldibekova* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
1.5	**International overview of neurodegenerative diseases in connection with the environment** *Christina Zhukovsky* RISE, a specialized group on environment and health, Strasbourg, France
1.6	**The scientific grounds of the risk-oriented approach to preserving health of workers exposed to adverse chemicals at their workplaces** *I.V. Bukhtiarov, Doctor of Medical Sciences, Professor* Academician N.F. Izmerov's Scientific Research Institute for Occupational Medicine, Moscow, Russia
1.7	**Development of informatization of education in the Russian Federation: medical and social aspects** *Doctor of Medicine, Associate Professor A.V. Meltzer* Federal State Budgetary Educational Institution for Higher Education North-Western State Medical University named after I.I. Mechnikov at the Ministry of Health of the Russian Federation, St. Petersburg, Russia

1.8	**Comprehensive provision of medical and biological safety of the Arctic population** *Candidate of Medical Sciences, V.V. Megorsky* Branch of the Federal Budgetary Institution of Science North-Western Scientific Center for Hygiene and Public Health of the Russian Federal State Agency for Health and Consumer Rights, St. Petersburg, Russia
1.9	**Scientific problems of protecting the population from exposure to electromagnetic fields of the radio frequency range** *V.N. Nikitina* Federal Budgetary Institution of Science North-Western Scientific Center of Hygiene and Public Health of the Russian Federal State Agency for Health and Consumer Rights, St. Petersburg, Russia
1.10	**Harmonization of indicators of radiation health risk and risk from exposure to other harmful factors based on the assessment of the number of the wasted years of a healthy life** *L.V. Repin, R.R. Akhmatdinov, A.M. Biblin* Federal Budgetary Institution of Science St. Petersburg Scientific Research Institute of Radiation Hygiene named after Professor P.V. Ramzayev, at the Russian Federal State Agency for Health and Consumer Rights, St. Petersburg, Russia

Session 2

THEORY AND PRACTICE OF ASSESSING, FORECASTING, AND MANAGING HEALTH RISKS, INCLUDING IN THE CONTEXT OF A CORONAVIRUS PANDEMIC

Moderators:
Zaitseva Nina Vladimirovna, Academician of the Russian Academy of Sciences, Doctor of Medicine, Professor, Scientific Director of the Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies of the Russian Federal State Agency for Health and Consumer Rights.
Shur Pavel Zalmanovich, Doctor of Medicine, Scientific Secretary of the Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies of the Russian Federal State Agency for Health and Consumer Rights,
Ustinova Olga Yuryevna, Doctor of Medicine, Deputy Director for Clinical Work of the Federal Scientific Center for Medical and Preventive Risk Management Technologiesof the Russian Federal State Agency for Health and Consumer Rights.

2.1	**Information environment as a risk factor for the development of nutrition-related non-infectious diseases** *Candidate of Medical Sciences, Associate Professor E.V. Fedorenko* Republican Unitary Enterprise Scientific and Practical Center of Hygiene Minsk, Republic of Belarus
2.2	**Topical issues of risk assessment related to environmental pollution by class "G" medical waste** *Candidate of Medical Sciences, I.S. Evseeva* Federal State Budgetary Institution Center for Strategic Planning and Management of Biomedical Health Risks of the Federal Medical and Biological Agency of Russia, Moscow
2.3	**Modern methodological support of atmospheric air control** *Candidate of Biological Sciences T.S. Ulanova* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
2.4	**A predictive method for assessing atmospheric air pollution with odorous substances using risk assessment tools.** *Candidate of Medical Sciences S.A. Skovronskaya* Federal State Budgetary Institution Center for Strategic Planning and Management of Biomedical Health Risks at the Federal Medical and Biological Agency of Russia, Moscow, Russia
2.5	**Assessment of adverse reactions to wearing respiratory and hand skin protection products used in the COVID-19 pandemic** *Candidate of Medical Sciences, Associate Professor E.A. Shashina* I.M. Sechenov First Moscow State Medical University of the Ministry of Health of Russia (Sechenov University), Institute of Public Health named after F.F. Erisman, Moscow, Russia
2.6	**Study of ergonomic properties of personal protective equipment for medical personnel against biological factors** *A.A. Novozhilova, A.M. Geregey, A.V. Konyukhov, V.I. Lemeshko, M.V. Gusarova* Federal State Budgetary Scientific Institution Scientific Research Institute of Occupational Medicine named after Academician N.F. Izmerov, Moscow, Russia
2.7	**Current problems and perspectives of public health risk assessment for exposure to chemical**

	substances polluting soil *A.Z. Kulikova* Federal State Budgetary Institution Center for Strategic Planning and Management of Biomedical Health Risks of the Federal Medical and Biological Agency of Russia, Moscow
2.8	**Improving the methodology for assessing the safety of the use of modern materials in the drinking water supply, taking into account international experience in order to reduce risks to public health** *A.V. Alexeyeva* Federal State Budgetary Institution Center for Strategic Planning and Management of Biomedical Health Risks at the Federal Medical and Biological Agency of Russia, Moscow, Russia
2.9	**Nutrition structure and assessment of non-carcinogenic risk to the health of children of the first year of life** *Yu. L. Tikhonova, O.Yu. Milushkina* Federal State Autonomous Educational Institution of Higher Education N.I. Pirogov Russian National Research Medical University of the Ministry of Health of the Russian Federation Moscow, Russia
2.10	**Features of the intestinal microbiota in the indigenous and alien population of the Arctic zone of the Russian Federation** *M.V. Lukashina* Federal State Budgetary Institution Center for Strategic Planning and Management of Biomedical Health Risks of the Federal Medical and Biological Agency of Russia, Moscow
2.11	**Hygienic aspects of the development of a method for determining the permeability of woven and non-woven materials used as personal respiratory protective equipment against bacterial and fungal infection transmitted by airborne droplets** *M.N. Pankova* Federal State Budgetary Institution Center for Strategic Planning and Management of Biomedical Health Risks at the Federal Medical and Biological Agency of Russia, Moscow, Russia
2.12	**Epidemiological features of malaria in the World and in the Russian Federation during the COVID-19 pandemic** *I.V. Trushnikova, M.I. Belyaeva* Federal Budgetary Institution of Science Tyumen Scientific Research Institute of Regional Infectious Pathology of the Russian Federal State Agency for Health and Consumer Rights, Tyumen, Russia
2.13	**Comprehensive assessment of exposure with priority polyaromatic hydrocarbons, taking into account inhalation and alimentary intake** *N.A. Dolgina* Republican Unitary Enterprise Scientific and Practical Center of Hygiene Minsk, Republic of Belarus
2.14	**Methodological approaches to determining concentrations of toxic elements in model environments simulating food products in contact with biodegradable packaging** *Candidate of Technical Sciences I.V. Drebenkova, Candidate of Biological Sciences A.A. Kuzovkova* Republican Unitary Enterprise Scientific and Practical Center of Hygiene Minsk, Republic of Belarus
2.15	**Risk of health impairment due to inhalation exposure to inhalation of a transfluthrin-based insecticide agent** *A.I. Vinogradova, M.V. Bidevkina, M.V. Matrosenko* Federal Budget Institution of Science F.F. Erisman Federal Scientific Center of Hygiene at the Russian Federal State Agency for Health and Consumer Rights, Mytishchi, Russia
2.16	**On the issue of establishing the limiting level of the content of antibacterial drugs in food products of animal origin on the example of the tetracycline group** *S.E. Zelenkin, D.V. Suvorov* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
2.17	**Assessing pathogenic potential of gut microbiota (exemplified by E.coli and Kl.pn.) in the environment and sewage** *G.V. Pai* The Center for strategic planning and management of medical and biological health risks of the Federal medical and Biological Agency, Moscow, Russia

Session 3

RISK-ORIENTED SANITARY AND EPIDEMIOLOGICAL SURVEILLANCE: METHODOLOGICAL DEVELOPMENT, APPLICATION EXPERIENCE, NEW FORMS IN THE CONTEXT OF DIGITAL TRANSFORMATION OF SOCIETY

Moderators:
May Irina Vladislavovna , Doctor of Biology, Professor, Deputy Director for Scientific Work at the Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies of the Russian Federal State Agency for Health and Consumer Rights;
Kiryanov Dmitry Aleksandrovich, Candidate of Technical Sciences, Head of the Department of Mathematical Modeling of Systems and Processes of the Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies of the Russian Federal State Agency for Health and Consumer Rights.
Nikiforova Nadezhda Vladislavovna, Candidate of Medical Sciences, Senior Researcher, Head of the Laboratory of Methods of Social and Hygienic Monitoring of the Federal Scientific Center for Medical and Preventive Technologies of Public Health Risk Management of the Russian Federal State Agency for Health and Consumer Rights.

3.1	**Risk-oriented sanitary and epidemiological control (supervision) at the present stage: problems and prospects of development** *Doctor of Biology, Prof. I.V. May* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
3.2	**The role of sanitary and epidemiological studies, examinations, toxicological, hygienic and other types of assessments as a tool for studying the adverse impact of production facilities on the health of the population living in adjacent territories** *Candidate of Medical Sciences R.A. Mamonov, Candidate of Medical Sciences L.A. Fedotova* Federal State Budgetary Institution Center for Strategic Planning and Management of Biomedical Health Risks at the Federal Medical and Biological Agency of Russia, Moscow, Russia
3.3	**Artificial neural networks in the tasks of improving retrospective epidemiological analysis** *Doctor of Medicine, Prof. B.I. Marchenko, O.A. Semina* Institute of Nanotechnology, Electronics and Instrumentation, Southern Federal University of the Ministry of Education and Science of Russia, Department of Technosphere Safety and Chemistry, Rostov-on-Don, Russia
3.4	**Problems of risk-based approach to the assessment of burial facilities (cemeteries)** *Candidate of Medical Sciences O.V. Ushakova* Federal State Budgetary Institution Center for Strategic Planning and Management of Biomedical Health Risks at the Federal Medical and Biological Agency of Russia, Moscow, Russia
3.5	**The historical way of introducing in Russia into the practice of sanitary and microbiological control of drinking water indicators of fecal contamination to preserve the epidemiological well-being and health of the nation** *Candidate of Biological Sciences A.V. Zagainova* Federal State Budgetary Institution Center for Strategic Planning and Management of Biomedical Health Risks at the Federal Medical and Biological Agency of Russia, Moscow, Russia
3.6	**Updating approaches to hygienic standardization of chemical substances in water** *Candidate of Medical Sciences I.A. Pechnikova* Federal State Budgetary Institution Center for Strategic Planning and Management of Biomedical Health Risks at the Federal Medical and Biological Agency of Russia, Moscow, Russia
3.7	**Investigation of the effectiveness of methods of planning control and supervisory activities of the Russian Federal State Agency for Health and Consumer Rights from the perspective of risk-oriented approaches** *Candidate of Technical Sciences D.A. Kiryanov, Ph.D. M.R. Kamaltdinov* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
3.8	**Screening method for adulterants in dietary supplements by liquid chromatography coupled with a high-resolution mass spectrometer (LC-HRMS)** *Nguyen Thi Hong Ngoc, Bui Cao Tien, Nguyen Ha Thanh, Tran Cao Son, Le Thi Hong Hao* National Institute of Food Control, Hanoi, Vietnam
3.9	**Evaluation of benzene content in food products containing benzoate salts and ascorbic acid** *Le Thi Hong Hao [1], Vu Thi Trang [1], Nguyen Nhu Thuong [1], Luu Thi Huyen Trang, Le Viet Ngan, Le Dinh Hai,*

	Nguyen Thi Phuong Thao [2], Le Thi Thuy [1] [1]National Institute of Food Control, Hanoi, Vietnam, [2] Hanoi University of Science, Vietnam National University of Hanoi, Vietnam
3.10	**Improvement of methodological approaches to the use of model media in testing food grade aluminum foil** *Candidate of Medical Sciences S.V. Redko* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia

Session 4

SANITARY AND EPIDEMIOLOGICAL PROBLEMS OF THE REGIONS. THE BEST PRACTICES OF HYGIENIC ASSESSMENT AND ANALYSIS OF HEALTH RISKS IN THE FRAMEWORK OF THE NATIONAL PROJECTS "ECOLOGY", "DEMOGRAPHY", "HOUSING AND URBAN ENVIRONMENT", "GENERAL CLEANING"

Moderators:

Kleyn Svetlana Vladislavovna, Doctor of Medicine, Professor, Head of the Department of System Methods of Sanitary and Hygienic Analysis and Monitoring at the Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies of the Russian Federal State Agency for Health and Consumer Rights;
Zemlyanova Marina Aleksandrovna, Doctor of Medicine, Associate Professor, Head of the Department of Biochemical and Cytogenetic Diagnostic Methods of the Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies of the Russian Federal State Agency for Health and Consumer Rights;
Lir Daria Nikolaevna, Candidate of Medical Sciences, leading research associate, Head of the Department of Health Risk Analysis of the Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies of the Russian Federal State Agency for Health and Consumer Rights.

4.1	**Assessment of exposure with complex intake of barium into the body in the Republic of Belarus** *Candidate of Medical Sciences, Associate Professor E.V. Drozdova, Candidate of Medical Sciences V.A. Grynchak* Republican Unitary Enterprise Scientific and Practical Center of Hygiene Minsk, Republic of Belarus
4.2	**On the issue of a comprehensive assessment of the effectiveness of measures to improve the quality of drinking water of centralized water supply systems** *Academician of the Russian Academy of Sciences, Doctor of Medicine, Prof. N.V. Zaitseva, Doctor of Medicine, Doctor of Medicine, Prof. S.V. Kleyn* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
4.3	**Mycological pollution of the air environment and building structures of residential premises in Moscow and the Moscow region** *I.V. Kurbatova* Federal State Budgetary Institution Center for Strategic Planning and Management of Biomedical Health Risks at the Federal Medical and Biological Agency of Russia, Moscow, Russia
4.4	**Changes in the chemical characteristics of Moscow soils with the use of deicing reagents** *L.P. Voronina* Federal State Budgetary Institution Center for Strategic Planning and Management of Biomedical Health Risks at the Federal Medical and Biological Agency of Russia, Moscow, Russia
4.5	**Quantitative characteristics of exposure to assess the risk to public health from exposure to atmospheric pollution during the implementation of the Clean Air Program** *Ph.D. V.A. Kislitsin, Ph.D. T.A. Shashina, Ph.D. N.S. Dodina, N.N. Ryzhakov, A.V. Voronova* Federal Budget Institution of Science F.F. Erisman Federal Scientific Center of Hygiene at the Russian Federal State Agency for Health and Consumer Rights, Mytishchi, Russia
4.6	**Hygienic assessment of the effectiveness of using the best available technologies (on the example of waste management facilities)** *MD, prof. T.K. Tatyanyuk, Ph.D. N.S. Dodina, Ph.D. T.A. Shashina, Ph.D. N.A. Gorelenkova, Ph.D. V.A. Kislitsin* Federal Budget Institution of Science F.F. Erisman Federal Scientific Center of Hygiene at the Russian Federal State Agency for Health and Consumer Rights, Mytishchi, Russia
4.7	**The current state and evaluation of the parasitocidal effectiveness of ultraviolet irradiation (UV) during disinfection of drinking water and waste water** *T.R. Mania*

	Federal State Budgetary Institution Center for Strategic Planning and Management of Biomedical Health Risks at the Federal Medical and Biological Agency of Russia, Moscow, Russia
4.8	**Introduction of components of the system of early warning of environmental pollution into socio-hygienic monitoring** *Candidate of Medical Sciences O.N. Savostikova* Federal State Budgetary Institution Center for Strategic Planning and Management of Biomedical Health Risks at the Federal Medical and Biological Agency of Russia, Moscow, Russia
4.9	**Current state of the problem of pollution of natural water resources by pharmaceutical drugs and their metabolites** *Doctor of Medicine, Prof. B.I. Marchenko, A.A. Nazariants* Institute of Nanotechnology, Electronics and Instrumentation Southern Federal University of the Ministry of Education and Science of Russia, Department of Technosphere Safety and Chemistry, Rostov-on-Don, Russia
4.10	**Organization of ecological monitoring in an industrial city today. Status and problems** *Doctor of Medicine, Prof. B.I. Marchenko, K.S. Tarasenko,* Institute of Nanotechnology, Electronics and Instrumentation Southern Federal University of the Ministry of Education and Science of Russia, Department of Technosphere Safety and Chemistry, Rostov-on-Don, Russia
4.11	**The general and newly identified incidence of thyroid diseases in children living in the Perm Territory in the period of 2015-2020** *M.T. Zenina candidate of Medical Sciences I.E. Shtina, Yu.A Ivashova, Doctor of Medicine O.Yu. Ustinova* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia

Session 5

RISK ANALYSIS IN OCCUPATIONAL HEALTH.

Moderators:
Shur Pavel Zalmanovich, Doctor of Medicine, Scientific Secretary of the Federal Scientific Center for Medical and Preventive Technologies of Public Health Risk Management of the Russian Federal State Agency for Health and Consumer Rights;
Alekseev Vadim Borisovich, Doctor of Medicine, Director of the Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights;
Vlasova Elena Mikhailovna, Candidate of Medical Sciences, Head of the Professional Center of the Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies of the Russian Federal State Agency for Health and Consumer Rights

5.1	**Topical issues of cobalt rationing in the air of the working zone** *Candidate of Biological Sciences Ya.I. Lebed-Sharlevich* Federal State Budgetary Institution Center for Strategic Planning and Management of Biomedical Health Risks at the Federal Medical and Biological Agency of Russia, Moscow, Russia
5.2	**Occupational pathology in the metallurgical industry of the Murmansk region (2000-2020)** *Doctor of Medicine S.A. Syurin* Federal Budgetary Institution of Science North-Western Scientific Center of Hygiene and Public Health of the Russian Federal State Agency for Health and Consumer Rights, St. Petersburg, Russia
5.3	**Status and prospects of the analysis of the attributive risk of hearing loss from noise in the workplace** *L.V. Prokopenko, N.N. Kuryerov, A.V. Lagutina, E.S. Pochtareva* Federal State Budgetary Scientific Institution Scientific Research Institute of Occupational Medicine named after Izmerov, Moscow, Russia
5.4	**Development of a new concept for assessing the labor intensity of civil aviation pilots** *Candidate of Medical Sciences E.V. Zibarev* Federal State Budgetary Scientific Institution Scientific Research Institute of Occupational Medicine named after Academician N.F. Izmerov, Moscow, Russia
5.5	**Comparative characteristics of a priori risk of health disorders when working in an open area under the influence of cooling meteorological factors** *E.M. Polyakova* Federal Budgetary Institution of Science North-Western Scientific Center of Hygiene and Public Health of the Russian Federal State Agency for Health and Consumer Rights, St. Petersburg, Russia

5.6	**Comparative analysis of probabilistic and actual risk of occupational sensorineural hearing loss** *Doctor of Medicine E.A. Preobrazhenskaya, Doctor of Medicine A.V. Sukhova* Federal Budget Institution of Science F.F. Erisman Federal Scientific Center of Hygiene at the Russian Federal State Agency for Health and Consumer Rights, Mytishchi**,** Russia
5.7	**Quantitative assessment of occupational risk caused by the intensity of the labor process** *D.N. Lir, Candidate of Medical Sciences P.Z. Shur, Doctor of Medicine V.B. Alekseev, V.A. Fokin* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
5.8	**Methodological approaches to the assessment and categorization of occupational health risk** *Candidate of Medical Sciences P.Z. Shur, Academician of the Russian Academy of Sciences, Doctor of Medicine, Professor N.V. Zaitseva, D.M.N. V.B. Alekseev, V.A. Fokin* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
5.9	**Patterns of motivation for health and work longevity in workers of pre-retirement and retirement age** *Candidate of Medical Sciences E.M. Vlasova* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
5.10	**Early signs of the formation of arterial hypertension in workers at industrial enterprises in hazardous working conditions** *Candidate of Medical Sciences A.A. Vorobyova, Candidate of Medical Sciences E.M. Vlasova, Doctor of Medicine O.Yu. Ustinova, V.A. Fokin* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
5.11	**Hygienic analysis of potential occupational risk factors in the occurrence of sudden death in the workplace and measures for their prevention** *N.A. Muldasheva* Ufa Research Institute of Occupational Medicine and Human Ecology, Ufa, Russia
5.12	**Peculiarities of cardiovascular risk factors in mining workers** *Candidate of Medical Sciences A.E. Nosov* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
5.13	**On the indicators of maximum lung ventilation in office workers before and after a physical exercise test** *A.A. Shcherbakov* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
5.14	**Working conditions and health status of vegetable growers of a modern greenhouse complex** *A.G. Migacheva, Doctor of Medicine, Associate Professor G.A. Bezrukova, Candidate of Biological Sciences, Associate Professor T.A. Novikova* Saratov Medical Research Center for Hygiene Federal Budgetary Scientific Institution Federal Scientific Center for Medical and Preventive Health Risk Management Technologies, Saratov, Russia
5.15	**The risk of developing cognitive impairments in employees of an oil-producing enterprise, depending on the length of production activity** *M.A. Savinkov* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
5.16	**Peculiarities of the formation of metabolic disorders under combined influence of production factors of underground chrome ore mining**

	Doctor of Medicine, Associate Professor K.P. Luzhetsky Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
5.17	**Effect and sensitivity markers as indicators of health disorders in workers, revealing the formation of work-related pathology associated with oncoproliferative conditions (using lead and formaldehyde as examples)** *Doctor of Medicine, Associate Professor O.V. Dolgikh* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
5.18	**Use of probabilistic methods when categorizing occupational risk** *V.A. Fokin* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia

Session 6

MODERN METHODS OF DIAGNOSIS, CORRECTION AND PREVENTION OF HEALTH DISORDERS ASSOCIATED WITH RISK FACTORS OF THE EXTERNAL ENVIRONMENT, LABOR, EDUCATIONAL PROCESS, LIFESTYLE, SOCIO-ECONOMIC CONDITIONS

Moderators:

Ustinova Olga Yurievna, Doctor of Medicine, Deputy Director for Clinical Work of the Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies of the Russian Federal State Agency for Health and Consumer Rights;
Valina Svetlana Leonidovna, Head of the Department for Hygiene of Children and Adolescents at the Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies of the Russian Federal State Agency for Health and Consumer Rights;
Nosov Aleksandr Evgenievich, Candidate of Medical Sciences, Head of the Department of Radiation and Functional Diagnostics at the Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies of the Russian Federal State Agency for Health and Consumer Rights.

6.1	**Markers of type 2 diabetes mellitus in the human intestinal microbiota** *Candidate of Biological Sciences O.V. Gritsyuk* Federal State Budgetary Institution Center for Strategic Planning and Management of Biomedical Health Risks at the Federal Medical and Biological Agency of Russia, Moscow, Russia
6.2	**Scientific substantiation and application of exposure and effect biomarkers for the tasks of establishing and proving the realization of the risk of health disorders of the exposed population** *Doctor of Medicine, Associate Professor M.A. Zemlyanova* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
6.3	**Programs for the prevention of respiratory diseases associated with exposure to chemical environmental factors in children as a risk management tool** *Doctor of Medicine, O.Yu. Ustinova* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
6.4	**Control over potentially hazardous highly toxic compounds in human biological media for risk assessment and biomedical research** *Doctor of Biology T.V. Nurislamova* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
6.5	**The main disinfection measures carried out in medical and preventive organizations in the territory of the Russian Federation**

	Candidate of Biological Sciences M.M. Aslanova Federal State Budgetary Institution Center for Strategic Planning and Management of Biomedical Health Risks at the Federal Medical and Biological Agency of Russia, Moscow, Russia
6.6	**Peculiarities of the indicators of regulatory systems in schoolchildren studying under the influence of physical factors of non-ionizing nature** *Doctor of Medicine D.V. Lanin, K.N. Lihachev, M. V. Zuleva* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
6.7	**Mmp9 836a>g polymorphism and markers of osteometabolism in children under strontium exposure** *K.G. Starkova* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
6.8	**Peculiarities of the allergic rhinitis development in children under different conditions of complex aerogenic effects of anthropogenic chemicals** *Doctor of Medicine O.A. Maklakova* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
6.9	**Peculiarities of hepatobiliary pathology in children with herpetic infection living under conditions of exposure to chemicals of anthropogenic origin** *Candidate of Medical Sciences O.G. Tolmacheva* Federal Budgetary Institution of Science North-Western Scientific Center of Hygiene and Public Health of the Russian Federal State Agency for Health and Consumer Rights, St. Petersburg, Russia
6.10	**The influence of the educational process of various educational institutions on the component composition of the body of participants** *Candidate of Biological Sciences D.A. Eisfeld* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
6.11	**Analysis of the vaccination history and the state of post-vaccination immunity against diphtheria in secondary school students** *V.G. Makarova, doctor of Medicine, O.Yu. Ustinova* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
6.12	**Regularities of the development of diseases of the musculoskeletal system in students associated with the peculiarities of the modern educational process and environmental factors** *Candidate of Medical Sciences S.L. Valina, candidate of Medical Sciences I.E. Shtina, Doctor of Medicine, O.Yu. Ustinova., candidate of Medical Sciences O.A. Maklakova* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
6.13	**Analysis of subjective assessments of health disorders of workers at an industrial enterprise** *Doctor of Medicine, Associate Professor A.V. Meltzer* Federal State Budgetary Educational Institution for Higher Education Northwestern State Medical University named after I. I. Mechnikov at the Ministry of Health of the Russian Federation, St. Petersburg, Russia
6.14	**Identification of risk factors for the development of chronic non-infectious diseases in the process of prenosological screening** *Candidate of Medical Sciences A.V. Zelenko* Republican Unitary Enterprise Scientific and Practical Center of Hygiene, Minsk, Republic of Belarus
6.15	**The incidence of osteopathies in children and adolescents consuming drinking water with an increased natural content of strontium** *Candidate of Medical Sciences I.E. Shtina* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
6.16	**Assessment of the adaptive capabilities of the body of preschool children living at different distances from the source of the smell**

	S.V. Ivanova Federal State Budgetary Institution Center for Strategic Planning and Management of Biomedical Health Risks at the Federal Medical and Biological Agency of Russia, Moscow, Russia

Session 7

COMPETITION OF SCIENTIFIC WORKS OF YOUNG SCIENTISTS

Moderators:
Dolgikh Oleg Vladimirovich, Doctor of Medicine, Head of the Department of Immunobiological Diagnostic Methods of the Federal Scientific Center for Medical and Preventive Technologies of Public Health Risk Management of the Russian Federal State Agency for Health and Consumer Rights
Kiryanov Dmitry Aleksandrovich, Candidate of Technical Sciences, Head of the Department of Mathematical Modeling of Systems and Processes of the Federal Scientific Center for Medical and Preventive Technologies of Public Health Risk Management of the Russian Federal State Agency for Health and Consumer Rights
Koshurnikov Dmitry Nikolaevich, Senior Researcher at the Laboratory of Conformity Assessment Methods and Consumer Examinations of the Federal Scientific Center for Medical and Preventive Technologies of Public Health Risk Management of the Russian Federal State Agency for Health and Consumer Rights.

7.1	**Study of the content of benzo(a)pyrene in the blood of children and adults living in different conditions of anthropogenic impact** *A.S. Zorina* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
7.2	**Monitoring of the content of antibiotics in the environment to reduce the risk of the antibiotic resistance development** *N.S. Antropova* Federal State Budgetary Institution Center for Strategic Planning and Management of Biomedical Health Risks at the Federal Medical and Biological Agency of Russia, Moscow, Russia
7.3	**Study of the content of phenol and its derivatives in the blood of children living in the zone of influence of industrial emissions** *M.O. Starchikova* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
7.4	**Determination of fine fractions of suspended particles in atmospheric air at the border of the sanitary protection zone of a pharmaceutical enterprise** *E.A. Sukhikh* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
7.5	**Comparison of the incidence of diseases in occupational groups according to survey data and medical examination results** *A.D. Kameneva* Saratov Medical Research Center for Hygiene Federal Budgetary Scientific Institution Federal Scientific Center for Medical and Preventive Health Risk Management Technologies, Saratov, Russia
7.6	**A comprehensive model for assessing the risk of health disorders when working in an open area under the influence of cooling meteorological factors** *E.M. Polyakova* Federal Budgetary Institution of Science North-Western Scientific Center of Hygiene and Public Health of the Russian Federal State Agency for Health and Consumer Rights, St. Petersburg, Russia
7.7	**Analysis of the risk of professional burnout syndrome in dentists who treat children** *P.B. Ionov* The First St. Petersburg State Medical University Named after Academician I.P. Pavlov of the Ministry of Health

	of Russia, St. Petersburg, Russia
7.8	**Medical and social effectiveness of the innovative system of forming a culture of a healthy and safe lifestyle in students of rural educational organizations** *E.V. Vasiliev* Federal Budgetary Healthcare Institution Center of Hygiene and Epidemiology for the Penza Region, Penza, Russia
7.9	**Adaptive consistency of the activity of pro- and antioxidant processes in the human body with seasonal changes in the intensity of UV radiation in a megalopolis (Nizhny Novgorod)** *A.M. Irkaeva* Nizhny Novgorod Research Institute of Hygiene and Occupational Pathology of the Russian Federal State Agency for Health and Consumer Rights, Nizhny Novgorod, Russia
7.10	**Peculiarities of stress development indicators in adolescents** *K.S. Zhirov* Saratov Medical Research Center for Hygiene Federal Budgetary Scientific Institution Federal Scientific Center for Medical and Preventive Health Risk Management Technologies, Saratov, Russia
7.11	**Spectral methods for the analysis of trace elements in biological objects** *K.O. Gileva* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
7.12	**Main results of the experimental toxicological evaluation of the pectin-silver nanocomposite** *V.M. Vasilkevich* Republican Unitary Enterprise Scientific and Practical Center of Hygiene, Minsk, Republic of Belarus
7.13	**Development of a technique for simultaneous determination of carotenoids (β-carotene, lutein, zeaxanthin) and vitamin E in dietary supplements by HPLC method** *E.V. Andrievskaya* Republican Unitary Enterprise Scientific and Practical Center of Hygiene, Minsk, Republic of Belarus
7.14	**Peculiarities of health impairment indicators in the adult population of the arsenic hydrogeochemical province** *A.D. Obraztsova* Federal State-Funded Educational Institution of Higher Professional Education Perm State National Research Polytechnic University, Perm, Russia
7.15	**Assessment of the immune status of preschool children living under the influence of environmental chemical factors of a large industrial city of the Western Urals** *N.A. Vdovina* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
7.16	**Assessment of the immune status of preschool children living under the influence of environmental chemical factors of a large industrial city of the Western Urals** *N.A. Nikonoshina* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
7.17	**Study of bioaccumulation and toxic effects of molybdenum (vi) oxide nanoparticles with repeated oral intake in comparison with its micro-sized counterpart** *M.S. Stepankov* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
7.18	**Peculiarities of immune regulation in employees of a mining enterprise under conditions of excessive contamination of the biological media with formaldehyde** *Yu.A. Chelakova*

	Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
7.19	**Study of the toxicity of phenolic compounds against cell culture in the in vitro system** *A.S. Shirinkina* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
7.20	**Peculiarities of the immune status of children with autonomic nervous system disorders under conditions of aerogenic exposure to aluminum** *E.A. Otavina* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
7.21	**The impact of atmospheric air temperature on arterial blood pressure in the adult population in conditions similar to those of the Far North** *T.N. Rastokina* Federal State Budgetary Educational Institution for Higher Education Northern State Medical University of the Ministry of Health of the Russian Federation, Arkhangelsk, Russia
7.22	**Estimating probability of negative outcomes in people living in enclosed long-term care houses in case of the new coronavirus infection (covid-19)** *N.G. Davidova [1,2], S.V. Ugleva [1]* [1]The Central Scientific Research Institute for Epidemiology of Rospotrebnadzor, Moscow [2]The Office in the Eastern administrative district of the Center for Hygiene and Epidemiology in Moscow, Moscow, Russia
7.23	**Assessment of the influence of nutrition on the development of diseases characterized by high blood pressure using the method of classification trees** *D.R. Hismatullin* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
7.24	**The influence of chemical pollution of the environment on the health of preschool children in cities with a developed copper smelting industry of the Sverdlovsk Region** *E.P. Kadnikova* Department of the Russian Federal State Agency for Health and Consumer Rights for the Sverdlovsk Region, Ekaterinburg, Russia
7.25	**Peculiarities of immune status and corticoid-catecholamine regulation in adolescent girls with aldehyde-contaminated nervous system pathology** *A.V. Yaroma* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
7.26	**Peculiarities of regulatory T-lymphocyte expression in peripheral blood of children with autonomic nervous system dysfunction under conditions of high anthropogenic load** *I.N. Alikina* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
7.27	**Social and hygienic determinants in the digital model of forecasting life expectancy of the population of the Russian Federation** *M.V. Glukhih* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia

7.28	**Selection of control points for electromagnetic fields of the radio frequency range** *O.A. Molok* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
7.29	**Characteristics of the immune status of adolescent boys with endocrine system pathology in conditions of blood contamination with aromatic hydrocarbons** *V.A. Luchnikova* Federal Budgetary Institution of Science Federal Scientific Center for Medical and Preventive Health Risk Management Technologies at the Russian Federal State Agency for Health and Consumer Rights, Perm, Russia
7.30	**Correlation of the risk dynamics of ixodic tick infestations with the abundance of small mammals** *V.A. Mishchenko* Ekaterinburg Research Institute of Viral Infections Federal Budgetary Scientific Center of Virology and Biotechnology Vector of the Russian Federal State Agency for Health and Consumer Rights
7.31	**Experimental studies on selecting a sample preparation procedure for the following chemical analysis of furan and methylfuran in food products by chromate-mass-spectrometry (on the example of cereals for babies)** *D.Yu. Subbotina, Doctor of Biological Sciences T.V. Nurislamova* The Federal Scientific Center for Medical and Preventive Health Risk management Technologies, Perm, Russia

Session 8

POSTER SESSION

Moderators:
Luzhetsky Konstantin Petrovich, Doctor of Medicine, Deputy Director for Organizational and Methodological Work of the Federal Scientific Center for Medical and Preventive Technologies of Public Health Risk Management of the Russian Federal State Agency for Health and Consumer Rights;
Ulanova Tatiana Sergeevna, Doctor of Biological Sciences, Head of the Department of Chemical and Analytical Research Methods of the Federal Scientific Center for Medical and Preventive Technologies for Public Health Risk Management of the Russian Federal State Agency for Health and Consumer Rights.
Shtina Irina Evgenievna, Candidate of Medical Sciences, Head of the Laboratory of Complex Problems of children's health with the Clinical Group of Medical and Preventive Risk Management Technologies of the Federal Scientific Center for Medical and Preventive Technologies of Public Health Risk Management of the Russian Federal State Agency for Health and Consumer Rights.

8.1	**Fatal accidents in the driver's workplace** *A.Z. Fagamova* Federal Budgetary Institution of Science Ufa Research Institute of Occupational Medicine and Human Ecology, Ufa, Russia
8.2	**Analysis and characterization of the health risks of the population living in the areas of the seaports of the Leningrad region from atmospheric air pollution** *Yu.A. Novikova* Federal Budgetary Institution of Science North-Western Scientific Center of Hygiene and Public Health of the Russian Federal State Agency for Health and Consumer Rights, St. Petersburg, Russia
8.3	**Evaluation of the neurodynamic properties of the nervous system of firefighters depending on polymorphic variants of genes regulating metabolism** *V.E. Kriyt* Federal Budgetary Institution of Science North-Western Scientific Center of Hygiene and Public Health of the Russian Federal State Agency for Health and Consumer Rights, St. Petersburg, Russia
8.4	**The potential of using experimental models of animal pathology in assessing the biological effects of chemicals for the purpose of hygienic regulation** *Candidate of Medical Sciences, Associate Professor E.V. Drozdova* Republican Unitary Enterprise Scientific and Practical Center of Hygiene Minsk, Republic of Belarus
8.5	**Innovative technology for disinfection of personal protective equipment based on the generation of**

	aerosols of oxygen-active compounds followed by plasma treatment *Doctor of Biological Sciences, Associate Professor N.V. Dudchik* Republican Unitary Enterprise Scientific and Practical Center of Hygiene, Minsk, Republic of Belarus
8.6	**Assessment of the harmlessness of the polylactide film using the Tetrahymena pyriformis test object** *T.S. Osipova* Republican Unitary Enterprise Scientific and Practical Center of Hygiene, Minsk, Republic of Belarus
8.7	**Substantiation of experimental study of tetracycline antibiotics taking into account alimentary exposure** *V.G. Speranskaya* Republican Unitary Enterprise Scientific and Practical Center of Hygiene, Minsk, Republic of Belarus
8.8	**Information environment as a risk factor for the development of nutrition-related non-infectious diseases** *Candidate of Medical Sciences, Associate Professor E.V. Fedorenko* Republican Unitary Enterprise Scientific and Practical Center of Hygiene, Minsk, Republic of Belarus
8.9	**Key aspects of evaluating the effectiveness and efficiency of the implementation of the "Clean Air" federal project on the example of a Comprehensive action plan to reduce emissions of pollutants in Nizhny Tagil** *S.V. Yarushin , A.A. Shevchik, D.V.Kuzmin, T.M. Tsepilova, V.B. Gurvich, D.N. Kozlovskikh, I.A. Vlasov, Yu.Ya. Barmin, O.L. Malykh, E.A. Kuzmina* Federal State Budgetary Institution Ekaterinburg Research Center for Prevention and Health Protection of Workers of Industrial Enterprises of the Russian Federal State Agency for Health and Consumer Rights, Ekaterinburg, Russia
8.10	**Implementation of methodological approaches to the optimization of air pollution monitoring programs as part of the "Clean Air" federal project (case study of Nizhny Tagil)** *V.B. Gurvich, D.N. Kozlovskikh, I.A. Vlasov, I.V. Chistyakova, S.V. Yarushin, A.S. Kornilkov, D.V. Kuzmin, O.L. Malykh, N.I. Kochneva. A.A. Shevchik, T.M. Tsepilova, E.A. Kuzmina* Federal State Budgetary Institution Ekaterinburg Research Center for Prevention and Health Protection of Workers of Industrial Enterprises of the Russian Federal State Agency for Health and Consumer Rights, Ekaterinburg, Russia
8.11	**Major trends in research work performed by F.F. Erisman's Federal Scientific Center for Hygiene with its focus on issues related to providing healthy nutrition for workers with hard and harmful working conditions at their workplaces** *O.V. Vetrova, V.N. Rusakov, A.V. Istomin* F.F. Erisman's Federal Scientific Center for Hygiene, Moscow, Russia
8.12	**Impacts exerted by Epo-Tek 330 compound on health of workers employed at optical fiber production** *M. I. Tiunova* The Federal Scientific Center for Medical and Preventive Health Risk management Technologies, Perm, Russia