

**MINISTRY OF HEALTH OF THE REPUBLIC OF
BELARUS**

**Republican Unitary Enterprise
«Scientific Practical Centre of Hygiene»**



PROGRAM

**of the republican scientific-practical conference with
international participation
«Health and Environment»,
dedicated to the 90th anniversary of the republican unitary
enterprise
«Scientific Practical Centre of Hygiene»**

26-28 October 2017 г.

MINSK, 2017

Date: **26th October, 2017**
 Location: Congress hall of the business centre «Victoria»,
 59 Peramožcau ave., Minsk

PLENARY SESSION

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| 9.00-10.00 | Registration, coffee and networking |
| 10.00-10.15 | Conference opening <i>Welcome address by the Minister of Health of the Republic of Belarus Malashko Valeriy Anatolyevich</i> |
| 10.15-10.30 | <i>Address by the Deputy Minister - Chief State Sanitary Doctor of the Republic of Belarus Zhukova Natalia Pavlovna</i> |
| 10.30-10.45 | Scientific practical centre of hygiene: history and modernity <i>Sychik Sergey Ivanovich - Director, PhD in Medical Sciences, Associate Professor, SPC of Hygiene, Minsk, Republic of Belarus</i> |
| 10.45-11.00 | Graduation ceremony of Honorary Professors of the republican unitary enterprise «Scientific Practical Centre of Hygiene» |
| 11.00-11.15 | Achievements and Further Developments of Environment and Health Process in WHO European Region <i>Elizabeth Paunovich - Head of WHO European Centre for Environment and Health, Bonn, Germany</i> |
| 11.15-11.30 | Response of the Federal medical and biological agency and its departments to the threat of emergencies in case of accidents at radiation hazardous facilities <i>Romanov Vladimir Vasilievich - Deputy Head, Federal medical biological agency, Moscow, Russian Federation</i> |
| 11.30-11.45 | Break |
| 11.45-12.00 | New aspect of the development of medicine - «environmental medicine»: origins of formation, methodology for ecopathology identification, importance for public health <i>Rakhmanin Yury Anatolyevich - Chief Scientific Consultant, Grand PhD in Medical Sciences, Professor, Academician of RAS, Federal State Budgetary Institution «Center for Strategic Planning and Management of Medical and Biological Health Risks» of the Ministry of Health of the Russian Federation, Moscow, Russian Federation Co-author: <u>Bobrovnitsky I.P.</u></i> |
| 12.00-12.15 | Role of the scientific center of hygiene and epidemiology in the public health structure of the Republic of Kazakhstan <i>Omarova Maria Nurgalievna - director, Grand PhD in Medical Sciences, Professor, Scientific Center of Hygiene and Epidemiology named after Hamza Zhumatova of the Committee of Public Health Protection of the Ministry of Healthcare of the Republic of Kazakhstan, Almaty, Republic of Kazakhstan</i> |

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| 12.15-12.30 | <p>Hazard assessment and regulation of substances with a mutagenic effect</p> <p>Khamidulina Khalidia Khizbulaevna - director, Grand PhD in Medical Sciences, Senior Researcher, Federal Budgetary Health Establishment «Russian Register of Potentially Hazardous Chemical and Biological Substances» of Federal Service for Surveillance on Consumer Rights Protection and Human Well-being, Moscow, Russian Federation</p> |
| 12.30-12.45 | <p>Human BioMonitoring studies at the Italian National Institute of Health</p> <p>Alessandro Alimonti – Research Director, Dr, PhD, Italian National Institute of Health, Rome, Italy</p> <p><u>Co-author: Anna Laura Iamiceli</u></p> |
| 12.45-13.00 | <p>Background of establishment of the sanitation service in the territory of the republics of the former Soviet Union</p> <p>Shigan Evgeny Evgenievich - Deputy Director for Organizational Work and International Cooperation, PhD in Medical Sciences, Federal State Budget Scientific Institution «Scientific Research Institute of Occupational Medicine named after the academician N.F.Izmerov», Moscow, Russian Federation</p> |
| 13.00-14.00 | Lunch break |
| 14.00-14.15 | <p>Preventive and regulatory toxicology nowadays</p> <p>Prodanchuk Nikolai Georgievich - Director, Grand PhD in Medical Sciences, Professor, Corresponding Member of the National Academy of Medical Sciences of Ukraine, L.I. Medved's Research Center of Preventive Toxicology, Food and Chemical Safety of the Ministry of Health of Ukraine, Kiev, Ukraine</p> <p><u>Co-author: Bobyleva O.A.</u></p> |
| 14.15-14.30 | <p>Poison information centers: experience from Italy</p> <p>Maristella Rubbiani – Dr, PhD, Italian National Institute of Health, Rome, Italy</p> |
| 14.30-14.45 | <p>Medical and hygienic aspects of preserving the labor potential of agricultural workers</p> <p>Danilov Aleksey Nikolaevich - Director, PhD in Medical Sciences, Associate Professor, Federal Budgetary Research Institution «Saratov Research Institute of Rural Hygiene» of Federal Service for Supervision on Consumer Rights Protection and Human Well-being, Saratov, Russian Federation</p> <p><u>Co-authors: Bezrukov G.A., Novikova T.A.</u></p> |
| 14.45-15.00 | <p>Impact of production factors on the health of workers in the petroleum industry</p> <p>Bakirov Akhat Barievich - Director, Grand PhD in Medical Sciences, Academician of the Academy of Sciences of the Republic of Bashkortostan, Federal budgetary research</p> |

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| | <i>institution «Ufa Research Institute of Occupational Health and Human Ecology», Ufa, Russian Federation</i> |
| 15.00-15.15 | Chemical safety: experience from Italy Leonello Attias – Dr, PhD, Head of the Unit of Risk Assessment of the Italian National Centre for Chemicals, Italian National Institute of Health, Rome, Italy |
| 15.15-15.30 | Endothelial dysfunction as a problem of modern toxicology Shafran Leonid Moiseevich - First Deputy Director, Grand PhD in Medical Sciences, Professor, State Enterprise «Ukrainian Research Institute for Transport Medicine» of the Ministry of Health of Ukraine, Odessa, Ukraine |
| 15.30-15.45 | Hazardous and harmful factors of working environment and risks of impact on the worker's organism: new approach and experience of its implementation in the interstate standards of OSSS Feinburg Grigoriy Zakharovich - Director, Grand PhD in Technical Sciences, Professor, Honored Worker of the Higher School of the Russian Federation, Institute of Labor Safety, Production and Human of the Perm National Research Polytechnic University, Perm, Russian Federation |
| 15.45-16.00 | Break |
| 16.00-16.15 | Important issues of sanitary surveillance technology. From education to practice Meltzer Alexander Vitalievich - Pro-Rector for the Medical-preventive direction, Grand PhD in Medical Sciences, Federal State Budget Educational Institution of Higher Education «North-Western State Medical University named after. I.I.Mechnikov» of the Ministry of Health of the Russian Federation, St. Petersburg, Russian Federation <u>Co-author: Erastova N.V.</u> |
| 16.15-16.30 | Long-term socio-psychological consequences of emergency radiation exposure Burtovaya Elena Yurievna - Deputy Director for Science, Head of the Laboratory of Environmental Pathopsychology, PhD in Medical Sciences, Federal State Budgetary Institution of Science «Ural Scientific and Practical Center for Radiation Medicine» FMBA of Russia, Chelyabinsk, Russian Federation <u>Co-author: Akleev A.V.</u> |
| 16.30-16.45 | Risk factors for the spread of <i>Legionella pneumophila</i> in the water supply system in Latvia Valcinja Olga - Deputy Director for Laboratory Issues, Ph.D. candidate, Institute of Food Safety, Animal Health and Environment "BIOR", Riga, Latvia <u>Co-author: A.Berzins</u> |
| 16.45-17.00 | Cell culture as an alternative model in toxicological studies |

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| | <i>Dmitrukha Natalia Nikolaevna - Leading Researcher, Grand PhD in Biological Sciences, Senior Researcher, State Institution «Institute of Occupational Health named after Yu.I. Kundiev of the National Academy of Medical Sciences of Ukraine», Kiev, Ukraine</i> <i>Co-authors: Korolenko T.K., Lagutina O.S.</i> |
| 17.00-17.15 | New effect biomarkers for assessment of exposure risk of biological products to the maternal organism <i>Orlenkovich Lilia Naumovna - hygienist-microbiologist, Grand PhD in Medical Sciences, «Labour Medicine» Ltd, Institute for occupational safety and environmental health of Riga Stradins university, Riga, Latvia</i> |
| 17.15-18.30 | Greetings and congratulations of state institutions and organizations of the Republic of Belarus, foreign guests in honor of the 90th anniversary of the Republican Unitary Enterprise «Scientific Practical Centre of Hygiene» |
| 18.30 | Gala dinner |

Date **27th October, 2017**

Location

Plenary session:

Congress hall of the business centre «Victoria»,
59 Peramožcau ave., Minsk

Young Scientist Competition:

Congress hall of the business centre «Victoria»,
59 Peramožcau ave., Minsk

PLENARY SESSION

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| 8.30-9.00 | Registration |
| 9.00-9.15 | Opportunities and barriers in achieving sound stewardship of chemicals circulations in the WHO European Region <i>Zastenskaya Irina Alekseevna - technical expert on chemical safety, WHO European Center for Environment and Health, Bonn, Germany</i> |
| 9.15-9.30 | Actual problems of modern hygiene <i>Rakitsky Valeriy Nikolaevich - acting manager, Grand PhD in medical sciences, professor, academician of the Russian Academy of Sciences, Federal budgetary research institution "Federal Scientific Center of Hygiene named after F.F. Erisman» of Federal Service for Supervision on Consumer Rights Protection and Human Well-being, Mytishi, Russian Federation</i> |
| 9.30-9.45 | Monitoring of situation of Japan contamination with radionuclides as a result of the accident at the Fukushima-1 NPP with the help of moss as a pointer |

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| | <p>Shinzo Kimura - Associate Professor, Grand PhD in Earth and Environmental Sciences, Deputy Head of the International Epidemiology's Laboratory, Center for International Cooperation and Aid of Dokkyo Medical University, Dokkyo Medical University, Mibu, Tochigi, Japan</p> <p><u>Co-authors:</u> Toshihiro Takatsuji, Hitoshi Sato, Nobuaki Kuniy, Takeuchi Takaaki</p> |
| 9.45-10.00 | <p>Achievements of the National Center of Public Health, Chisinau, Republic of Moldova</p> <p>Pynzaru Yuri Vasilievich - General Director, PhD in Medical Sciences, Associate Professor, National Center of Public Health of the Ministry of Health of the Republic of Moldova, Chisinau, Republic of Moldova</p> |
| 10.00-10.15 | <p>Hygienic assessment of air quality in Ukraine</p> <p>Turos Elena Igorevna - Head of the Air Quality Laboratory, Grand PhD in Medical Sciences, Professor, State institution «O.M. Marzeiev institute for public health of the National academy of medical sciences of Ukraine», Kiev, Ukraine</p> <p><u>Co-author:</u> Petrosyan A.A.</p> |
| 10.15-10.30 | <p>Hygienic aspects of health preservation and safe labor of workers in modern socio-economic conditions</p> <p>Fesenko Marina Aleksandrovna - Head of the Laboratory of the Prevention of Reproductive Health Problems in the Workplace, Grand PhD in Medical Sciences, Senior Researcher, Federal State Budget Scientific Institution «Scientific Research Institute of Occupational Medicine named after academician N.F. Izmerov», Moscow, Russian Federation</p> <p><u>Co-authors:</u> Bukhtiyarov I.V., Prokopenko L.V.</p> |
| 10.30-10.45 | <p>Role of agriculture in ensuring radiation safety of the population living in areas contaminated by radionuclides</p> <p>Gudkov Igor Nikolayevich - Head of the Chair of Radiobiology and Radioecology, Grand PhD in Biological Sciences, Professor, Academician of the National Academy of Sciences of Ukraine, National University of Bioresources and Nature Management of Ukraine, Kiev, Ukraine</p> |
| 10.45-11.00 | <p>Actual problems of safety and assessment of risk to public health in case of multicomponent ambient air pollution</p> <p>Shevchuk Larisa Mikhailovna - Deputy Director for Science, PhD in Medical Sciences, Associate Professor, SPC of Hygiene, Minsk, Republic of Belarus</p> |
| 11.00-11.15 | <p>Working conditions. Topical hygienic problems and solutions</p> |

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| | <p><i>Kosyachenko Grigory Efimovich</i> - Head of Laboratory of Occupational Hygiene, Grand PhD in Medical Sciences, Associate Professor, SPC of Hygiene, Minsk, Republic of Belarus</p> <p><i>Co-authors: Klebanov R.D., Ginduk A.V., Konoplyanko V.A., Tishkevich G.I., Nikolaeva E.A., Ivanovich E.A., Rakevich A.V., Osos Z.M.</i></p> |
| 11.15-11.30 | Break |
| YOUNG SCIENTIST COMPETITION | |
| 11.30-11.40 | <p>Application of the interactive method of education in state educational institutions on the promotion of healthy lifestyles and HIV prevention</p> <p><i>Prilozhinskaya Elizaveta Aleksandrovna</i> - epidemiologist, State institution «Center for hygiene and epidemiology of the Frunzensky district of Minsk», Minsk, Republic of Belarus</p> |
| 11.40-11.50 | <p>Features of dynamics of the vegetative status of children in the period of recovery</p> <p><i>Sidukova Olesya Leonidovna</i> - Senior Lecturer, State Educational Establishment "Belarusian Medical Academy of Postgraduate Education", Minsk, Republic of Belarus</p> |
| 11.50-12.00 | <p>Evaluation of the actual nutrition of students</p> <p><i>Aminova Olga Sergeevna</i> - senior lecturer of the Department of General Hygiene with Ecology, Federal State Budget Educational Institution of Higher Education "Yaroslavl State Medical University" of the Ministry of Health of the Russian Federation, Yaroslavl, Russian Federation</p> |
| 12.00-12.10 | <p>Information and communication technologies, as a basis for leisure and lifestyle of modern schoolchildren and students</p> <p><i>Tatarinchik Andrei Aleksandrovich</i> - PhD student, Federal State Budgetary Institution of Higher Education "Russian National Research Medical University named after N.I. Pirogov" of the Ministry of Health of the Russian Federation, Moscow, Russian Federation</p> |
| 12.10-12.20 | <p>Study of impact of diisononyl phthalate on embryogenesis and postnatal development of offspring in experiment on white rats</p> <p><i>Grynchak Vitaliy Alexandrovich</i> - Junior Researcher of the Laboratory of Preventive and Ecological Toxicology, SPC of Hygiene, Minsk, Republic of Belarus</p> |
| 12.20-12.30 | <p>Acute domestic poisoning of chemical etiology in children in the Republic of Moldova in 2012-2016 period</p> <p><i>Mancheva Tatyana Stepanovna</i> - Head of the Department</p> |

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| | <i>for Supervision of Chemical Substances, Junior Researcher of the Laboratory of Chemical Safety and Toxicology, National Center of Public Health of the Ministry of Health of the Republic of Moldova, Chisinau, Republic of Moldova</i> |
| 12.30-12.40 | Establishment of the maximum permissible concentration in the air of the working area of the hydroxycarbamide pharmacological substance Lepeshko Pavel Nikolaevich - Junior Researcher of the Laboratory of Industrial Toxicology, SPC of Hygiene, Minsk, Republic of Belarus |
| 12.40-12.50 | Implementation of central protective mechanisms in anesthetized rats with endotoxemia Gladkova Zhanna Anatolyevna - Research Associate, State Scientific Institution "Institute of Physiology of the National Academy of Sciences of Belarus", Minsk, Republic of Belarus |
| 12.50-13.00 | Discussion |
| 13.00-14.00 | Lunch break |
| WORK IN SECTIONS | |
| 14.00-17.00 (break 15.30-15.45) Time-limit – 10 minutes | |
| Section 1: Environmental factors and Health Risk Analysis Section 2: Radiation safety | |
| Location: Congress hall of the business centre «Victoria», 59 Peramožcau ave., Minsk | |
| Chairman: | Drozdova Elena Valentinovna - Head of the Laboratory of Environmental factors and Health Risk Analysis, PhD in Medical Sciences, Associate Professor, SPC of Hygiene, Minsk, Republic of Belarus |
| Co-chairmen: | Stozharov Alexander Nikolaevich - Head of the Chair of Radiation Medicine and Ecology, Grand PhD in Biological Sciences, Professor, Educational Establishment "Belarusian State Medical University", Minsk, Republic of Belarus Rakhmanin Yury Anatolyevich - Chief Scientific Consultant, Grand PhD in Medical Sciences, Professor, Academician of RAS, Federal State Budgetary Institution «Center for Strategic Planning and Management of Medical and Biological Health Risks» of the Ministry of Health of the Russian Federation, Moscow, Russian Federation |
| 1 | Scientific concept of modeling the effect of environmental factors on cellular and |

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| | <p>population test-models for the purpose of hygienic regulation Dudchik Natalia Vladimirovna - Head of the Laboratory of Microbiology, Grand PhD in Biological Sciences, Associate Professor, SPC of Hygiene, Minsk, Republic of Belarus</p> |
| 2 | <p>Analysis of health risk within the dispersion of industrial enterprises emissions and vehicles in the system of preventive sanitary surveillance Prosvirakova Inna Anatolievna - Senior Researcher, Laboratory of Environmental factors and Health Risk Analysis, SPC of Hygiene, Minsk, Republic of Belarus <u>Co-authors:</u> Shevchuk L.M., Sokolov S.M., Gritsenko T.D., Gankin A.N., Przegroda A.E.</p> |
| 3 | <p>Analysis of biological effects in blood and reproductive system of male rats after exposure of magnetic field of industrial frequency (50 Hz) of variant duration Gorokh Grigory Andreevich - Head of the Laboratory of Endocrinology and Biochemistry, State Scientific Institution "Institute of Radiobiology of the National Academy of Sciences of Belarus", Gomel, Republic of Belarus <u>Co-authors:</u> Vereshchako G.G., Cheshik I.A., Shalatonin V.I., Chueshova N.V., Bakshayeva M.A., Kozlov A.E., Tsukanova E.V.</p> |
| 4 | <p>Dynamics of spores of allergenic fungi of <i>Alternaria</i> and <i>Cladosporium</i> in the atmosphere of the Minsk city for the period from 2006 to 2016 Shalaboda Valentina Leonidovna - PhD in Biological Sciences, State Scientific Institution "The Institute of Experimental Botany named after V.F. Kuprevich of the National Academy of Sciences of Belarus", Minsk, Republic of Belarus</p> |
| 5 | <p>Issues of organization of state sanitary supervision in the framework of legislation on strengthening and development of entrepreneurial activities Skuranovich Angela Leonidovna - Deputy Chief Doctor, State Institution "Republican Center for Hygiene, Epidemiology and Public Health", Minsk, Republic of Belarus</p> |
| 6 | <p>Organization of state sanitary supervision over observance of foreign goods turnover in the territory of the Republic of Belarus Zenkovich Alexander Leonidovich - Head of the Department of Hygiene, State Institution "Republican Center for Hygiene, Epidemiology and Public Health", Minsk, Republic of Belarus</p> |
| 7 | <p>Results and actual directions of scientific research in the field of hygiene of drinking water supply in the Republic of Belarus Drozdova Elena Valentinovna - Head of the Laboratory of Environmental factors and Health Risk Analysis, PhD in Medical Sciences, Associate Professor, SPC of Hygiene, Minsk, Republic of Belarus</p> |
| 8 | <p>Method validation for risk assessment of chemical factors exposure in ambient air Gritsenko Tatyana Dmitrievna - Leading Researcher of the Laboratory of Environmental factors and Health Risk Analysis, PhD in Biological Sciences, SPC of Hygiene, Minsk, Republic of Belarus <u>Co-authors:</u> Shevchuk L.M., Prosviryakova I.A., Sokolov S.M., Gankin A.N., Przegroda A.E.</p> |
| 9 | <p>Monitoring problems of microorganisms dispersal in environment and assessment</p> |

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| | <p>of their epidemiological risk</p> <p>Tonko Oksana Vladimirovna - Associate Professor of the Chair of Epidemiology and Microbiology, PhD in Medical Sciences, Associate Professor, State Educational Establishment "Belarusian Medical Academy of Postgraduate Education", Minsk, Republic of Belarus</p> |
| 10 | <p>Psychometric analysis of questionnaire data on the severity of post-traumatic stress in women irradiated during pregnancy caused by the Chernobyl accident</p> <p>Stozharov Alexander Nikolaevich - Head of the Chair of Radiation Medicine and Ecology, Grand PhD in Biological Sciences, Professor, Educational Establishment "Belarusian State Medical University", Minsk, Republic of Belarus</p> |
| 11 | <p>Ultra-low hormesis effect of a potassium-40 radioactive isotope and reparative recovery processes</p> <p>Feinburg Grigoriy Zakharovich - Director, Grand PhD in Technical Sciences, Professor, Honored Worker of the Higher School of the Russian Federation, Institute of Labor Safety, Production and Human of the Perm National Research Polytechnic University, Perm, Russian Federation</p> |
| 12 | <p>Integrated environmental monitoring in the supervised area of the Belarusian NPP</p> <p>Hermenchuk Maria Grigorievna - First Deputy Head, PhD in Technical Sciences, Associate Professor, State Institution "Republican Center of Hydrometeorology, Radioactive Contamination Control and Environmental Monitoring", Minsk, Republic of Belarus</p> |
| 13 | <p>Topical issues of radiation protection in the Republic of Belarus in modern times</p> <p>Nikolaenko Elena Vladimirovna - Head of the Laboratory of Radiation Safety, PhD in Medical Sciences, SPC of Hygiene, Minsk, Republic of Belarus</p> <p><u>Co-author:</u> Sychik S.I.</p> |
| 14 | <p>Methodical approach to the assessment of individual accumulated doses of exposure to persons irradiated in the result of the Chernobyl accident, in conditions of a lack of dosimetry information</p> <p>Vlasova Natalia Genrikhovna - Head of the Laboratory of Radiation Protection, Grand PhD in Biological Sciences, Associate Professor, State Institution "Republican Scientific and Practical Center for Radiation Medicine and Human Ecology", Gomel, Republic of Belarus</p> |
| 15 | <p>Problems of assessment of irradiation levels of fire extinguishing participants in the territory of radioactive contamination</p> <p>Bortnovsky Vladimir Nikolaevich - Head of the Department of General Hygiene, Ecology and Radiation Medicine, PhD in Medical Sciences, Associate Professor, Educational Establishment "Gomel State Medical University", Gomel, Republic of Belarus</p> <p><u>Co-author:</u> Buzdalkin K.N.</p> |
| 16 | <p>Monitoring of external exposure doses of the population of the Republic of Belarus in the long-term period after the Chernobyl accident</p> <p>Visenberg Julia Valerievna - Associate Professor of the Chair of Normal Physiology, PhD in Biological Sciences, Educational Establishment "Gomel State Medical University", Gomel, Republic of Belarus</p> <p><u>Co-authors:</u> Eventova L.N., Mataras A.N., Vlasova N.G.</p> |

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| 17 | <p>Vertical migration of radionuclides as a decrease factor of external radiation dose Bakarikova Zhanna Vladimirovna - <i>Leading Chemical Engineer of the Department of Scientific and Methodological Support of Radiation and Ecological Observations, State Institution "Republican Center of Hydrometeorology, Radioactive Contamination Control and Environmental Monitoring", Minsk, Republic of Belarus</i> <u>Co-authors:</u> Zhukova O.M., Germenchuk M.G.</p> |
| 18 | <p>Requirements for organization of radiation monitoring in the supervised area of the Belarusian NPP for the purpose of a representative person dose estimation Kadatskaya Maria Mikhailovna - <i>Head of Department, State Institution "Republican Center of Hydrometeorology, Radioactive Contamination Control and Environmental Monitoring", Minsk, Republic of Belarus</i></p> |
| 19 | <p>Use of organic farming methods as a way of obtaining ecologically safe vegetable products on radioactively contaminated lands Shamal Natalia Vladimirovna - <i>Senior Researcher, State Scientific Institution "Institute of Radiobiology of the National Academy of Sciences of Belarus", Gomel, Republic of Belarus</i> <u>Co-authors:</u> Korol R.A., Klementyeva E.A., Dvornik A.A., Gaponenko S.O.</p> |
| Poster session | |
| 20 | <p>Problematic issues of hygienic assessment of noise pollution in populated areas Arbuzov Ivan Viktorovich - <i>Senior Researcher of the Laboratory of Environmental factors and Health Risk Analysis, SPC of Hygiene, Minsk, Republic of Belarus</i> <u>Co-authors:</u> Baslyk A.Y., Kravtsov A.V.</p> |
| 21 | <p>Radiation-hygienic monitoring around the Belarusian NPP. Results of the research in 2017 Babich Elena Anatolievna - <i>Leading Specialist of the Laboratory of Radiation Safety, SPC of Hygiene, Minsk, Republic of Belarus</i></p> |
| 22 | <p>Regularities analysis of the formation of public health in adult population of Donbass Bosenko Igor Nikolaevich - <i>Head of Thoracic Department No. 2, Republican Cancer Center named after professor G.V. Bondar', Donetsk</i> <u>Co-authors:</u> Grishchenko V.S., Kostenko V.S.</p> |
| 23 | <p>Hygienic measures for influence decrease of physical factors in urbanized environment Bykova Nadezhda Petrovna - <i>Leading Specialist of the Laboratory of Environmental Factors and Health Risk Analysis, SPC of Hygiene, Minsk, Republic of Belarus</i> <u>Co-author:</u> Zinovkina V.Yu.</p> |
| 24 | <p>Technology of determination of safe levels of pharmaceuticals exposure in ambient air by calculation and analytics Gankin Alexander Nikolaevich - <i>Researcher of the Laboratory of Environmental Factors and Health Risk Analysis, PhD in Medical Sciences, SPC of Hygiene, Minsk, Republic of Belarus</i> <u>Co-authors:</u> Sheuchuk L.M., Prosviryakova I.A., Pshegroda A.E., Sokolov S.M.,</p> |

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| | <i>Emelyanova O.A., Dudchik N.V.</i> |
| 25 | <p>Experimental substantiation of integral approach to assessment of safety of use of reagent disinfection of drinking water and swimming pool water</p> <p>Girina Veronika Vladimirovna - Junior Researcher of the Laboratory of Environmental Factors and Health Risk Analysis, SPC of Hygiene, Minsk, Republic of Belarus</p> <p><i>Co-authors: Drozdova E.V., Buraya V.V., Emelyanova O.A., Bunevich N.V., Firago A.V.</i></p> |
| 26 | <p>Impact of environment technogenic pollution on immunity indices in children</p> <p>Grischenko Svetlana Yurievna - Assistant, Donetsk National Medical University, Liman, Ukraine</p> <p><i>Co-author: Glukhova E.I.</i></p> |
| 27 | <p>Hygienic features of volumetric-spatial distribution of UV radiation during the operation of open bactericidal irradiators</p> <p>Gruzin Andrey Andreevich - Junior Researcher of the laboratory of environmental factors and health risks analysis, SPC of Hygiene, Minsk, Republic of Belarus</p> <p><i>Co-authors: Klebanov R.D., Konoplyanko V.A.</i></p> |
| 28 | <p>Technology of quantitative evaluation of effectiveness of new nanomaterials against microorganisms under experimental conditions</p> <p>Drozdova Elena Valentinovna - Head of the Laboratory of Environmental Factors and Health Risk Analysis, PhD in Medical Sciences, Associate Professor, SPC of Hygiene, Minsk, Republic of Belarus</p> <p><i>Co-author: Dudchik N.V.</i></p> |
| 29 | <p>Effectiveness of antimicrobial action of cold plasma: assessment methods and perspectives of use in hygienic practice</p> <p>Emelyanova Olga Andreevna – Senior Researcher of the Laboratory of Microbiology, PhD in Biological Sciences, SPC of Hygiene, Minsk, Republic of Belarus</p> |
| 30 | <p>Estimation of internal exposure doses of population from food consumption contaminated with radionuclides as a result of the Chernobyl catastrophe</p> <p>Kavetsky Alexey Sergeevich - Junior Researcher of the Laboratory of Radiation Safety, SPC of Hygiene, Minsk, Republic of Belarus</p> |
| 31 | <p>Method for risk assessment of acoustic impact from household equipment in population</p> <p>Kravtsov Alexander Vladimirovich - Junior Researcher of the Laboratory of Environmental Factors and Health Risk Analysis, SPC of Hygiene, Minsk, Republic of Belarus</p> <p><i>Co-authors: Arbuzov I.V., Itpaeva-Lyudchik S.L.</i></p> |
| 32 | <p>Features of functional state of cardiovascular system in driver-operators</p> <p>Kravtsov Alexander Vladimirovich - Junior Researcher of the Laboratory of Environmental Factors and Health Risk Analysis, SPC of Hygiene, Minsk, Republic of Belarus</p> <p><i>Co-authors: Sychik S.I., Solovyeva I.V.</i></p> |
| 33 | <p>Scientific and methodological approaches to creation of a system of medical</p> |

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| | readiness and response to radiation accidents at nuclear power plants <i>Nikolaenko Elena Vladimirovna - Head of the Laboratory of Radiation Safety, PhD in Medical Sciences, SPC of Hygiene, Minsk, Republic of Belarus</i> |
| 34 | Comparative analysis of calculation method and analytical (laboratory) control in assessment of ambient air pollution by industrial enterprises <i>Prosvirakova Inna Anatolievna - Senior Researcher, Laboratory of Environmental Factors and Health Risk Analysis, SPC of Hygiene, Minsk, Republic of Belarus</i> <i>Co-author: Sheuchuk L.M.</i> |
| 35 | Introduction of new international approaches in the field of radiation protection in the system of state sanitary control of the Republic of Belarus <i>Rozdyalovskaya Larisa Fedorovna - Senior Researcher of the Laboratory of Radiation Safety, SPC of Hygiene, Minsk, Republic of Belarus</i> |
| 36 | Organization of radiation and hygienic monitoring around NPPs with WWPR reactors: Belarusian, Balakovo and Kozloduy <i>Saroko Natalia Vladimirovna - Junior Researcher of the Laboratory of Radiation Safety, SPC of Hygiene, Minsk, Republic of Belarus</i> |
| 37 | Comparative analysis of working conditions of drivers and drivers-operators on noise and vibration study <i>Solovieva Irina Vladimirovna - Leading Researcher of the Laboratory of Environmental Factors and Health Risk Analysis, PhD in Technical Sciences, SPC of Hygiene, Minsk, Republic of Belarus</i> <i>Co-authors: Sychik S.I., Kravtsov A.V.</i> |
| 38 | Analysis of drinking water composition, packaged in reservoirs, sold in the Republic of Belarus, on indicators of macro- and microelement composition <i>Surovets Tatyana Zdislavovna - Junior Researcher, Laboratory of Environmental Factors and Health Risk Analysis, SPC of Hygiene, Minsk, Republic of Belarus</i> <i>Co-authors: Drozdova E.V., Buraya V.V., Girina V.V., Firago A.V., Sarakach O.V., Dokutovich A.I.</i> |

Section 3: Hygiene of children and adolescents

Section 4: Food hygiene

Section 6: Monitoring of environmental factors and methods of analytic laboratory control

Location: Meeting hall of the business centre «Victoria», 2th floor
59 Peramožcau ave., Minsk

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| Chairman: | Tsemborievich Natalia Vladimirovna - Head of the Laboratory of Examination of Public Nutrition Status, PhD in Medical Sciences, SPC of Hygiene, Minsk, Republic of Belarus |
| Co-chairmen: | Lavinsky Khristofor Khristoforovich - Chief Researcher of the Laboratory of Children's and Adolescents Hygiene, Grand PhD in Medical Sciences, Professor, SPC of Hygiene, Minsk, Republic of Belarus Danilov Aleksey Nikolaevich - Director, PhD in Medical |

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| | Sciences, Associate Professor, Federal Budgetary Research Institution «Saratov Research Institute of Rural Hygiene» of Federal Service for Supervision on Consumer Rights Protection and Human Well-being, Saratov, Russian Federation |
| 1 | <p>Perspectives of medical and hygienic research of health status of pupils of professional educational institutions</p> <p>Danilov Aleksey Nikolaevich - Director, PhD in Medical Sciences, Associate Professor, Federal Budgetary Research Institution «Saratov Research Institute of Rural Hygiene» of Federal Service for Supervision on Consumer Rights Protection and Human Well-being, Saratov, Russian Federation</p> <p><i>Co-authors: Komleva N.E., Trubetskov A.D.</i></p> |
| 2 | <p>Use of methodology of assessment and minimization of risk factors in the substantiation of management decisions of primary prevention of diseases of students</p> <p>Guzik Elena Olegovna - Head of the Chair of Hygiene and Medical Ecology, PhD in Medical Sciences, Associate Professor, State Educational Establishment "Belarusian Medical Academy of Postgraduate Education", Minsk, Republic of Belarus</p> |
| 3 | <p>Risks to the health of children in the «digital environment». Areas of prevention</p> <p>Lavinsky Khristofor Khristoforovich - Chief Researcher of the Laboratory of Children's and Adolescents Hygiene, Grand PhD in Medical Sciences, Professor, SPC of Hygiene, Minsk, Republic of Belarus</p> <p><i>Co-authors: Grekova N.A., Arbuzov I.V., Polyanskaya Yu.N.</i></p> |
| 4 | <p>Edible good wraps and coatings: human environmental assistance and new food product</p> <p>Savitskaya Tatiana Aleksandrovna - Deputy Dean for Scientific Work of the Chemical Faculty, Professor, PhD of Chemical Sciences, Educational Establishment "Belarusian State University", Minsk, Republic of Belarus</p> |
| 5 | <p>Toxicological and hygienic assessment of nanostructured beta-cyclodextrin complexes with biologically active antioxidant agents (curcumin, ferulic acid)</p> <p>Tsygankov Vasilij Georgievich - Leading Researcher of the Laboratory of Systemic Problems of Food Hygiene, PhD in Medical Sciences, Associate Professor, SPC of Hygiene, Minsk, Republic of Belarus</p> |
| 6 | <p>Evaluation of labeled information on impact of food on health and issues of promotion of healthy nutrition.</p> <p>Kedrova Irina Ivanovna - Leading Researcher of the Laboratory of Examination of Public Nutrition Status, PhD in Medical Sciences, SPC of Hygiene, Minsk, Republic of Belarus</p> <p><i>Co-authors: Gusarevich N.V., Durmanova S.A., Fedorenko E.V.</i></p> |
| 7 | <p>Hygienic assessment of actual nutrition of patients with chronic pancreatitis</p> <p>Ryabova Nadezhda Vladimirovna - Assistant of the Chair of General Hygiene, PhD in Medical Sciences, Educational Establishment "Belarusian State Medical University", Minsk, Republic of Belarus</p> |
| 8 | <p>Nutritional support of processes of growth and development of children. Formation of health of younger generation</p> |

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| | Lavinsky Khristofor Khristoforovich - Chief Researcher of the Laboratory of Children's and Adolescents Hygiene, Grand PhD in Medical Sciences, Professor, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-author: Borisevich Ya.N.</i> |
| 9 | Hygienic assessment of fatty-acid composition of rations of preschool children in Minsk in accordance with international recommendations Likhoshva Olga Nikolaevna - Researcher of the Laboratory of Examination of Public Nutrition Status, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Tsemborievich N.V., Tsygankov V.G.</i> |
| 10 | Features and experience of laboratory testing of medical products of domestic production Gulin Vadim Vyacheslavovich - acting Deputy Chief Physician, State Institution "Republican Center for Hygiene, Epidemiology and Public Health", Minsk, Republic of Belarus |
| 11 | Features of determination of arsenic in soils by the method of atomic absorption with electrothermal atomization Pozdnyakova Anastasiya Igorevna - biologist of the Laboratory of Analytical and Spectral Analysis, SPC of Hygiene, Minsk, Republic of Belarus |
| 12 | Determination of synthetic dyes content in food products by the method of high-performance liquid chromatography Polyanskikh Elena Ilinichna - Senior Researcher, PhD in Chemical Sciences, Laboratory of Food Chemistry, SPC of Hygiene, Minsk, Republic of Belarus |
| 13 | Determination of trace amounts of a new butenolide insecticide flupiradifuron in the air by the high performance liquid chromatography method with UV-detection Kuzovkova Anna Antonovna - Leading Researcher in the Chromatography Research Laboratory, PhD in Biological Sciences, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-author: Ivashkevich L.S.</i> |
| Poster session | |
| 14 | Analytical control methods of food additives in food products Belysheva Lyudmila Leonidovna - Head of the Laboratory of Food Chemistry, SPC of Hygiene, Minsk, Republic of Belarus |
| 15 | Obtaining and hygienic assessment of nanostructured complexes of beta-cyclodextrin with water-soluble vitamins Bondaruk Alla Mikhailovna - Head of the Laboratory of Systemic Problems of Food Hygiene, PhD in Medical Sciences, SPC of Hygiene, Minsk, Republic of Belarus |
| 16 | New approaches to determination of streptomycin residual amounts in dry infant formula Buko Inna Vaclavovna - Junior Researcher, Laboratory of Food Chemistry, PhD in Biological Sciences, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Polonevich A.G., Shupilova E.P.</i> |
| 17 | Modern approaches to organoleptic analysis Bunevich Natalia Viktorovna - Head of the Laboratory of Analytical and Spectral Analysis, PhD in Chemical Sciences, SPC of Hygiene, Minsk, Republic of Belarus |

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| 18 | <p>Organization and maintenance of children's preschool establishments of the Frunzensky district of Minsk</p> <p>Voitik Alexander Leonidovich - Chief Doctor, State institution «Center for hygiene and epidemiology of the Frunzensky district of Minsk», Minsk, Republic of Belarus</p> |
| 19 | <p>Method for concentration determination of sodium warfarin drug in the air of the working zone and atmosphere based on high-performance liquid chromatography with UV detection</p> <p>Golub Alla Anatolyevna - Researcher, Chromatography Research Laboratory, SPC of Hygiene, Minsk, Republic of Belarus</p> <p><u>Co-author: Ivashkevich L.S.</u></p> |
| 20 | <p>Using risk factors of informatization technical means in educational process and everyday life</p> <p>Grekova Natalia Alekseevna - Head of the Laboratory of Children's and Adolescents Hygiene, SPC of Hygiene, Minsk, Republic of Belarus</p> <p><u>Co-author: Polyanskaya Yu.N.</u></p> |
| 21 | <p>Determination of lead and cadmium content in polymeric packaging by atomic absorption method</p> <p>Gurinovich Tatyana Anatolyevna - Leading chemist of the Laboratory of Analytical and Spectral Analysis, SPC of Hygiene, Minsk, Republic of Belarus</p> |
| 22 | <p>Food products enriched with vitamins and minerals</p> <p>Gusarevich Natalia Vladimirovna - Senior Researcher, Laboratory of Examination of Public Nutrition Status, SPC of Hygiene, Minsk, Republic of Belarus</p> <p><u>Co-author: Kedrova I.I.</u></p> |
| 23 | <p>Hygienic analysis of polyaromatic hydrocarbons in smoked meat products</p> <p>Dolgina Natalia Alekseevna - specialist of the Laboratory of Systemic Problems of Food Hygiene, SPC of Hygiene, Minsk, Republic of Belarus</p> <p><u>Co-author: Fedorenko E.V.</u></p> |
| 24 | <p>Application of atomic emission spectrometry's method for estimation of microelement composition of food products</p> <p>Drebenkova Irina Viktorovna - Senior Researcher, PhD in Technical Sciences, SPC of Hygiene, Minsk, Republic of Belarus</p> |
| 25 | <p>About experimental justification of shelf life and storage conditions of packaged waters after unpacking</p> <p>Drozdova Elena Valentinovna - Head of the Laboratory of Environmental Factors and Health Risk Analysis, PhD in Medical Sciences, Associate Professor, SPC of Hygiene, Minsk, Republic of Belarus</p> <p><u>Co-authors: Girina V.V., Buraya V.V., Firago A.V.</u></p> |
| 26 | <p>Hygienic content analysis of fatty acids trans-isomers in certain food products</p> <p>Evkhuta Victoria Valeryevna - intern of a junior researcher of the Laboratory of Examination of Public Nutrition Status, SPC of Hygiene, Minsk, Republic of Belarus</p> <p><u>Co-authors: Fedorenko E.V., Tsemborievich N.V</u></p> |
| 27 | <p>Hygienic assessment of nanostructured complexes of beta-cyclodextrin with fat-</p> |

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| | soluble vitamins Zhurikhina Lidiya Nikolaevna - Senior Researcher of the Laboratory of Systemic Problems of Food Hygiene, PhD in Biological Sciences, SPC of Hygiene, Minsk, Republic of Belarus |
| 28 | Organizational issues for children's and adolescents consulting room in polyclinic Lavinsky Khristofor Khristoforovich - Chief Researcher of the Laboratory of Children's and Adolescents Hygiene, Grand PhD in Medical Sciences, Professor, SPC of Hygiene, Minsk, Republic of Belarus <u>Co-author: Borisevich Ya.N.</u> |
| 29 | Sanitary-microbiological soils research in summer recreation population areas near reservoirs Mikheev Pavel Vladimirovich - Senior Researcher, PhD in Biological Sciences, Federal budgetary research institution «Federal Scientific Center of Hygiene named after F.F. Erisman» of Federal Service for Supervision on Consumer Rights Protection and Human Well-being, Mytishchi, Russian Federation |
| 30 | Heavy metals as a soil pollution factor. Normalization aspects of heavy metals content in soils Pozdnyakova Anastasiya Igorevna - biologist of the Laboratory of Analytical and Spectral Analysis, SPC of Hygiene, Minsk, Republic of Belarus |
| 31 | Psychophysiological status of students in experimental educational process Polyanskaya Julia Nikolaevna - Junior Researcher of the Laboratory of Children's and Adolescents' Hygiene, SPC of Hygiene, Minsk, Republic of Belarus <u>Co-authors: Grekova N.A., Lavinskiy Kh.Kh.</u> |
| 32 | Vitamin D supplementation in Belarusian children with imperfect osteogenesis: modern approaches to assessment, correction and prevention of deficiency Pochkaylo Aleksey Sergeevich - Associate Professor of the Chair of Polyclinic Pediatrics, PhD in Medical Sciences, Associate Professor, State Educational Establishment "Belarusian Medical Academy of Postgraduate Education", Minsk, Republic of Belarus <u>Co-author: Rudenko E.V.</u> |
| 33 | Substantiation of alimentary prevention of adult population in diffuse alopecia Scadorva Valeriy Valer'evich - PhD student, SPC of Hygiene, Minsk, Republic of Belarus <u>Co-author: Sychik S.I.</u> |
| 34 | Topical issues of food safety associated with the use of antibacterial drugs in its production Speranskaya Victoria Gennadievna - Chief Specialist of the Department of Hygiene, Epidemiology and Prevention of the Ministry of Health of the Republic of Belarus, Minsk, Republic of Belarus <u>Co-author: Fedorenko E.V.</u> |
| 35 | Determination method for cyclophosphamide concentration in the air of working zone in pharmaceuticals production based on it Turko Marina Svyatoslavovna - Junior Researcher of the Chromatography Research Laboratory, SPC of Hygiene, Minsk, Republic of Belarus |

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| | <i>Co-authors: Khursin P.A., Ivashkevich L.S.</i> |
| 36 | Dynamic model for assessment nutritional exposure of nitrates, nitrites and nitrosamines <i>Fedorenko Ekaterina Valeryevna - Deputy Director for Practical Sanitary-Epidemiological Supervision and Work with the EEC, PhD in Medical Sciences, Associate Professor, SPC of Hygiene, Minsk, Republic of Belarus</i> |
| 37 | Food colorants' content control in dairy products <i>Fedorova Tatyana Arkad'evna - chemist of the Laboratory of Food Chemistry, SPC of Hygiene, Minsk, Republic of Belarus</i> |
| 38 | Hygienic assessment of fatty acids trans-isomers content in food rations of certain population groups of the Republic of Belarus <i>Tsemborievich Natalia Vladimirovna - Head of the Laboratory of Examination of Public Nutrition Status, PhD in Medical Sciences, SPC of Hygiene, Minsk, Republic of Belarus</i> <i>Co-author: Fedorenko E.V.</i> |
| Section 5: Preventive, ecological and industrial toxicology | |
| Location: Meeting hall of the business centre «Victoria», 5th floor 59 Peramožcau ave., Minsk | |
| Chairman: | Ilyukova Irina Ivanovna – Head of the Laboratory of Preventive and Ecological Toxicology, PhD in Medical Sciences, SPC of Hygiene, Minsk, Republic of Belarus |
| Co-chairmen: | Shevlyakov Vitaliy Vasilievich - Chief Researcher of the Laboratory of Industrial Toxicology, Grand PhD in Medical Sciences, Professor, SPC of Hygiene, Minsk, Republic of Belarus Zastenskaya Irina Alekseevna - technical expert on chemical safety, WHO European Center for Environment and Health, Bonn, Germany |
| 1 | WHO roadmap and priorities of the WHO European Region in the field of chemical safety <i>Zastenskaya Irina Alekseevna - technical expert on chemical safety, WHO European Center for Environment and Health, Bonn, Germany</i> |
| 2 | Pathogenicity and sensitizing ability of yeast fungi of SACCHAROMYCES CEREVISIAE L153 strain <i>Filonyuk Vasilij Alekseevich - Leading Researcher of the Laboratory of Industrial Toxicology, PhD in Medical Sciences, Associate Professor, SPC of Hygiene, Minsk, Republic of Belarus</i> <i>Co-authors: Shevlyakov V.V., Erm G.I., Grushevskaya M.A., Zinovkina V.Yu.</i> |
| 3 | Methodical approaches to study and assessment of allergenic activity and danger degree of organic fibrous aerosols by the woolen dust example <i>Shevlyakov Vitaliy Vasilievich - Chief Researcher of the Laboratory of Industrial Toxicology, Grand PhD in Medical Sciences, Professor, SPC of Hygiene, Minsk, Republic of Belarus</i> |

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| | <i>Co-authors: Sychik S.I., Erm G.I., Grushevskaya M.A., Sychik L.M.</i> |
| 4 | Priority areas in the field of preventive toxicology and chemical safety Ilyukova Irina Ivanovna - Head of the Laboratory of Preventive and Ecological Toxicology, PhD in Medical Sciences, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Sychik S.I., Tabeleva N.N.</i> |
| 5 | Pharmacogenetic and epigenetic approaches to diagnosis and prevention of DNA damage in adverse environmental factors Afonin Viktor Yurievich - Leading Researcher of the Laboratory of Industrial Toxicology, PhD in Biological Sciences, SPC of Hygiene, Minsk, Republic of Belarus |
| 6 | Ecotoxicity estimation of industrial waste Boris Olga Alexandrovna – Researcher of the Laboratory of Preventive and Ecological Toxicology, SPC of Hygiene, Minsk, Republic of Belarus |
| 7 | Modern approaches to biological safety assessment of medical devices Petrova Svetlana Yurievna - Senior Researcher of the Laboratory of Preventive and Ecological Toxicology, PhD in Medical Sciences, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-author: Ilyukova I.I.</i> |
| 8 | Reproductive toxicity assessment of intrauterine contraceptives Gomolko Tatyana Nikolaevna – Researcher of the Laboratory of Preventive and Ecological Toxicology, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Petrova S.Yu., Boris O.A.</i> |
| 9 | Experimental substantiation of methodological approaches to assessment of plant protection products in terms of water toxicity parameters Firago Anna Vladimirovna - specialist of the Laboratory of Environmental Factors and Health Risk Analysis, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Drozdova E.V., Buraya V.V., Girina V.V.</i> |
| 10 | Comparative toxicological and hygienic assessment, classification and labeling of hazards of disinfectants intended for healthcare organizations Vasilkevich Vadim Mikhailovich – Researcher of the Laboratory of Industrial Toxicology, PhD in Medical Sciences, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Sobol Yu.A., Bogdanov R.V.</i> |
| 11 | Features of hygienic regulation of a hydroxycarbamide pharmacological substance Lepeshko Pavel Nikolaevich - Junior Researcher of the Laboratory of Industrial Toxicology, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-author: Sobol Yu.A.</i> |
| Poster session | |
| 12 | Features of formaldehyde and styrene combined exposure and regulation of their joint containing in the air of the working zone Bogdanov Ruslan Valerievich - Researcher of the Laboratory of Industrial Toxicology, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Sobol Yu.A., Bondarenko L.M., Vasilkevich V.M.</i> |
| 13 | Methodical approaches to assessment of medical devices' hemocompatibility |

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| | <p>Boris Olga Aleksandrovna – Researcher of the Laboratory of Preventive and Ecological Toxicology, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Petrova S.Yu., Gomolko T.N., Tabeleva N.N.</i></p> |
| 14 | <p>Aclonifen's hygienic standards verification in environmental objects and plant products Borshchevskaya Darya Olegovna - Leading Specialist of the Laboratory of Preventive and Ecological Toxicology, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Demenkova T.V., Agamova A.D., Tabeleva N.N.</i></p> |
| 15 | <p>Using of new disinfectants in health care organizations Vasilkevich Vadim Mikhailovich - Researcher of the Laboratory of Industrial Toxicology, PhD in Medical Sciences, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Sobol Yu.A., Bondarenko L.M.</i></p> |
| 16 | <p>Toxicological and hygienic assessment of fibrous anionite Fiban A-5 (N) for air purification from acid gases Vlasenko Evgeniy Konstantinovich - Researcher of the Laboratory of Preventive and Ecological Toxicology, PhD in Biological Sciences, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Sychik S.I., Chakhovsky P.A., Arbuzov I.V., Novitskaya T.V.</i></p> |
| 17 | <p>Ecotoxicological problems of agrochemicals application Demenkova Tatyana Valeryevna - Researcher of the Laboratory of Preventive and Ecological Toxicology, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Lisovskaya G.V., Borshchevskaya D.O., Agamova A.D.</i></p> |
| 18 | <p>Hygienic assessment of lead content in soils of the Republic of Moldova Zhardan Elena Valentinovna - Junior Researcher of the Laboratory of Chemical Hazards and Toxicology, PhD Student, National Center for Public Health of the Ministry of Health of the Republic of Moldova, Chisinau, Republic of Moldova</p> |
| 19 | <p>Morphometry using and quantitative information analysis of hepatocytes subcellular structures for substantiation effectiveness of repeated courses of enterosorption in chronic toxic liver lesions and homeostatic disorders in an experiment Zinovkina Vera Yurievna - Leading Researcher of the Laboratory of Industrial Toxicology, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-author: Glinskaya T.N.</i></p> |
| 20 | <p>Formation requirements to the National Register of Chemical products and mixtures Ilyukova Irina Ivanovna - Head of the Laboratory of Preventive and Ecological Toxicology, PhD in Medical Sciences, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Sychik S.I., Tabeleva N.N., Boris O.A., Yurkevich E.S.</i></p> |
| 21 | <p>Topical issues of mercury circulation in the Republic of Belarus Lisovskaya Galina Viktorovna - Senior Researcher of the Laboratory of Preventive and Ecological Toxicology, SPC of Hygiene, Minsk, Republic of Belarus</p> |

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| | <i>Co-authors: Sychik S.I., Borshchevskaya D.O., Agamova A.D.</i> |
| 22 | Methodical approaches to fillers hygienic assessment Petrova Svetlana Yurievna - Senior Researcher of the Laboratory of Preventive and Ecological Toxicology, PhD in Medical Sciences, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Agamova A.D., Anisovich M.V., Tabeleva N.N.</i> |
| 23 | Pyrogenicity of medical devices. In vivo and in vitro evaluation methods Petrova Svetlana Yurievna - Senior Researcher of the Laboratory of Preventive and Ecological Toxicology, PhD in Medical Sciences, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Agamova A.D., Anisovich M.V.</i> |
| 24 | About hygienic regulation of clarithromycin in the air of the working zone Sobol Yuriy Aleksandrovich - Head of the Laboratory of Industrial Toxicology, PhD in Medical Sciences, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Ushkov A.A., Erm G.I., Bogdanov R.V., Vasilkevich V.M., Bondarenko L.M., Poznyak I.S.</i> |
| 25 | Nature of biological effect of styrene-containing mixtures Sobol Yuriy Aleksandrovich - Head of the Laboratory of Industrial Toxicology, PhD in Medical Sciences, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Bondarenko L.M., Bogdanov R.V., Vasilkevich V.M.</i> |
| 26 | Issues and implementation perspectives of good laboratory practice (GLP) principles in testing laboratories Tabeleva Natalia Nikolaevna - Head of the Scientific Methodological Testing Department, PhD in Medical Sciences, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Poznyak I.S., Ilyukova I.I., Sobol Yu.A.</i> |
| 27 | Experimental evaluation of dose-dependent biological effect of wool dust protein-antigen complex during inhalation intake Erm Galina Ivanovna - Leading Researcher of the Laboratory of Industrial Toxicology, PhD in Biological Sciences, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Sychik S.I., Shevlyakov V.V., Chernyshova E.V., Ushkov A.A., Sobol Yu.A., Grushevskaya M.A., Buynitskaya A.V., Mikhailova N.N., Vlasenko E.K.</i> |
| 28 | Health risk assessment of associated with general toxic and specific action of pesticides Yurkevich Elena Stanislavovna - Leading Researcher of the Laboratory of Preventive and Ecological Toxicology, PhD in Medical Sciences, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Popel A.A., Vasil'eva M.M., Ioda V.I.</i> |
| 29 | Biomonitoring of lead content in paints Yurkevich Elena Stanislavovna - Leading Researcher of the Laboratory of Preventive and Ecological Toxicology, PhD in Medical Sciences, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Vasil'eva M.M., Agamova A.D.</i> |
| 30 | Assessment of workers' health risks while using plant protection products as |

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| | <p>exemplified by fungicide «Foris» <i>Yurkevich Elena Stanislavovna</i> - <i>Leading Researcher of the Laboratory of Preventive and Ecological Toxicology, PhD in Medical Sciences, SPC of Hygiene, Minsk, Republic of Belarus</i> <i>Co-authors: Popel A.A., Vasil'eva M.M., Ioda V.I.</i></p> |
| <p>Section 7: Occupational medicine and occupational pathology</p> <p>Location: Meeting hall of the business centre «Victoria», 3th floor 59 Peramožcau ave., Minsk</p> | |
| Chairman: | Kosyachenko Grigory Efimovich - Head of the Laboratory of Occupational Hygiene, Grand PhD in Medical Sciences, Associate Professor, SPC of Hygiene, Minsk, Republic of Belarus |
| Co-chairmen: | Artishevsky Sergey Nikolaevich - Associate Professor of the Chair of Gerontology and Geriatrics with a course of allergology and occupational pathology, PhD in Medical Sciences, SEE «Belarusian Medical Academy of Postgraduate Education», Minsk, Republic of Belarus Elizabeth Paunovich - Head of WHO European Centre for Environment and Health, Bonn, Germany |
| 1 | <p>Subjective and objective assessment of workers' morbidity in contact with chemical production factor <i>Zelenko Andrey Vitalievich</i> - <i>Head of the Clinical Laboratory of Occupational Pathology, PhD in Medical Sciences, SPC of Hygiene, Minsk, Republic of Belarus</i> <i>Co-authors: Semushina E.A., Sinyakova O.K., Shcherbinskaya E.S., Sychik L.M.</i></p> |
| 2 | <p>Workers' health protection in WHO European region <i>Elizabeth Paunovich</i> - <i>Head of WHO European Centre for Environment and Health, Bonn, Germany</i></p> |
| 3 | <p>Results of morbidity research with a temporary disability of employees of meat processing plants <i>Pynzaru Yuri Vasilievich</i> - <i>General Director, PhD in Medical Sciences, Associate Professor, National Center of Public Health of the Ministry of Health of the Republic of Moldova, Chisinau, Republic of Moldova</i></p> |
| 4 | <p>Implementation of measures for elimination of asbestos-related diseases in the Russian Federation <i>Kovalevskiy Evgeniy Vil'evich</i> - <i>Chief Researcher, Grand PhD in Medical Sciences, Professor of the Russian Academy of Sciences, Federal State Budget Scientific Institution «Scientific Research Institute of Occupational Medicine named after academician N.F. Izmerov», Moscow, Russian Federation</i> <i>Co-author: Bukhtiyarov I.V.</i></p> |
| 5 | <p>Production vibration and heart rate variability <i>Melentiev Andrey Vladimirovich</i> - <i>Head of the scientific advisory department with a multi-field day hospital, PhD in Medical sciences, Federal budgetary research institution «Federal Scientific Center of Hygiene named after F.F.</i></p> |

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| | <i>Erisman» of Federal Service for Supervision on Consumer Rights Protection and Human Well-being, Mytishchi, Russian Federation</i> |
| 6 | Analysis of occupational pathology in the Republic of Belarus Artishevsky Sergey Nikolaevich - Associate Professor of the Chair of Gerontology and Geriatrics with a course of allergology and occupational pathology, PhD in Medical Sciences, SEE «Belarusian Medical Academy of Postgraduate Education», Minsk, Republic of Belarus |
| 7 | About new version of the Decree of the Ministry of Health of the Republic of Belarus «About Mandatory Medical Examinations» Baranovskaya Tatiana Vasilievna - Associate Professor of the Department of Gerontology and Geriatrics with a course in allergology and occupational pathology, PhD in Medical Sciences, Associate Professor, State Educational Establishment "Belarusian Medical Academy of Postgraduate Education", Minsk, Republic of Belarus |
| 8 | Hygienic problem and optimization ways of premises' UV disinfection Klebanov Ruslan Davydovich - Leading Researcher of the Occupational Hygiene Laboratory, PhD in Medical Sciences, Associate Professor, SPC of Hygiene, Minsk, Republic of Belarus <u>Co-authors:</u> Konoplyanko V.A., Dudchik N.V., Ginduk A.V., Gruzin A.A. |
| 9 | Monitoring organization of workers' health status Ginduk Andrei Vladimirovich - Leading Researcher of the Occupational Hygiene Laboratory, PhD in Medical Sciences, Associate Professor, SPC of Hygiene, Minsk, Republic of Belarus <u>Co-authors:</u> Kosyachenko G.E., Klebanov R.D., Konoplyanko V.A., Rakevich A.V. |
| 10 | Modern aspects of light environment formation of industrial and office premises Konoplyanko Vadim Aleksandrovich - Senior Researcher of the Laboratory of Occupational Hygiene, PhD in Biological Sciences, SPC of Hygiene, Minsk, Republic of Belarus <u>Co-authors:</u> Baslyk A.Yu., Klebanov R.D., Ginduk A.V. |
| 11 | Psychophysiological status of people working under combined effects of general transport and transport-technological vibration Kravtsov Alexander Vladimirovich - Junior Researcher of the Laboratory of Environmental Factors and Health Risk Analysis, SPC of Hygiene, Minsk, Republic of Belarus <u>Co-authors:</u> Solov'eva I.V., Sychik S.I., Arbuzov I.V. |
| 12 | Physical factors in treatment of dermatitis of various etiologies Schastnaya Nadezhda Ivanovna – Researcher of the Laboratory of Modulation of Body Functions, State Scientific Institution "Institute of Physiology of the National Academy of Sciences of Belarus", Minsk, Republic of Belarus |
| Poster session | |
| 13 | Hygienic assessment results of light environment parameters at workplaces with different precision of visual work Baslyk Aleksey Yurievich - Junior Researcher of the Laboratory of Environmental Factors and Health Risk Analysis, SPC of Hygiene, Minsk, Republic of Belarus |

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| | <i>Co-authors: Konoplyanko V.A., Itpayeva-Lyudchik S.L.</i> |
| 14 | Sanitary and hygienic characteristics of industrial environment conditions in industrial enterprises of the Central District of Minsk Vinnik Anatoliy Leonidovich - Chief Doctor, State Institution "Center for Hygiene and Epidemiology of the Central District of Minsk", Minsk, Republic of Belarus <i>Co-author: Klimovich G.S.</i> |
| 15 | Working conditions and hygienic safety aspects when using mineral fibrous materials Ivanovich Ekaterina Andreevna - Junior Researcher of the Occupational Hygiene Laboratory, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Kosyachenko G.E., Ginduk A.V., Tishkevich G.I.</i> |
| 16 | Reproductive risks for women working with PC Klebanov Ruslan Davydovich - Leading Researcher of the Occupational Hygiene Laboratory, PhD in Medical Sciences, Associate Professor, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Konoplyanko V.A., Nikolaeva E.A.</i> |
| 17 | WAM method in physiological-hygienic assessment of artificial light environment Konoplyanko Vadim Aleksandrovich - Senior Researcher of the Occupational Hygiene Laboratory, PhD in Biological Sciences, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Ginduk A.V., Klebanov R.D.</i> |
| 18 | Artificial light environment as a regulation factor of organism's physiological status Konoplyanko Vadim Aleksandrovich - Senior Researcher of the Occupational Hygiene Laboratory, PhD in Biological Sciences, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Klebanov R.D., Ginduk A.V., Kosyachenko G.E.</i> |
| 19 | Methodological peculiarities of professional risk assessment using check-list Kosyachenko Grigoriy Yefimovich - Head of the Occupational Hygiene Laboratory, Grand PhD in Medical Sciences, Associate Professor, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Tishkevich G.I., Nikolaeva E.A., Ginduk A.V., Ivanovich E.A.</i> |
| 20 | Basic requirements for dermatological personal protective equipment and indicators of their safety Nikolaeva Ekaterina Aleksandrovna - Junior Researcher of the Occupational Hygiene Laboratory, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Kosyachenko G.E., Klenovskaya Yu.S.</i> |
| 21 | Methodical approaches to conditions optimization and organization of women's labor for reproductive health care Nikolaeva Ekaterina Aleksandrovna - Junior Researcher of the Occupational Hygiene Laboratory, SPC of Hygiene, Minsk, Republic of Belarus <i>Co-authors: Kosyachenko G.E., Klebanov R.D., Shevchuk L.M.</i> |
| 22 | Changings in elemental organism status of machine-building enterprises' employees caused by production environment's chemical factors |

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| | <i>Pleshkova Anna Aleksandrovna - Junior Researcher of the Spectrometry Research Laboratory, SPC of Hygiene, Minsk, Republic of Belarus</i> |
| 23 | Supervision over agricultural organizations <i>Rakevich Aleksander Vasil'evich - Head of the Occupational Hygiene Department, State Institution "Republican Center of Hygiene, Epidemiology and Public Health", Minsk, Republic of Belarus</i> <i>Co-authors: Skuranovich A.L., Kapustinskaya T.A.</i> |
| 24 | Predictors of atherosclerotic vascular lesion in industrial workers <i>Semushina Elena Anatol'evna – Researcher of the Clinical Laboratory of Occupational Pathology, SPC of Hygiene, Minsk, Republic of Belarus</i> <i>Co-authors: Zelenko A.V., Sinyakova O.K., Shcherbinskaya E.S.</i> |
| 25 | Work in organized labor collectives according to the program «Passport of health» <i>Sinyakova Olga Komradovna – Researcher of the Clinical Laboratory of Occupational Pathology, SPC of Hygiene, Minsk, Republic of Belarus</i> <i>Co-authors: Zelenko A.V., Semushina E.A., Shcherbinskaya E.S., Sychik L.M.</i> |
| 26 | Combined effect of transport and transport-technological vibration in drivers and method of its hygienic assessment <i>Solov'eva Irina Vladimirovna - Leading Researcher of the Laboratory of Environmental Factors and Health Risk Analysis, PhD in Technical Sciences, SPC of Hygiene, Minsk, Republic of Belarus</i> |
| 27 | Hygienic peculiarities of working conditions assessment in pharmaceutical enterprises <i>Tishkevich Galina Ivanovna - Senior Researcher of the Occupational Hygiene Laboratory, SPC of Hygiene, Minsk, Republic of Belarus</i> <i>Co-authors: Kosyachenko G.E., Nikolaeva E.A.</i> |
| 28 | Hygienic assessment experience of air ionic composition in the air of industrial and public premises <i>Tishkevich Galina Ivanovna - Senior Researcher of the Occupational Hygiene Laboratory, SPC of Hygiene, Minsk, Republic of Belarus</i> <i>Co-authors: Nikolaeva E.A., Babichevskaya A.I., Konoplyanko V.A.</i> |
| 29 | Evaluation of organism's functional reserves of foundry industry workers <i>Shcherbinskaya Elizaveta Sergeevna - Junior Researcher of the Clinical Laboratory of Occupational Pathology, SPC hygiene, Minsk, Republic of Belarus</i> <i>Co-authors: Zelenko A.V., Semushina E.A., Sinyakova O.K.</i> |

Date **28th October, 2017**
 Location: State Institution «Republican Clinic of Speleotherapy»
 Lesnoy driveway 3, Soligorsk city

**REPUBLICAN SCIENTIFIC-PRACTICAL SEMINAR
 «HYGIENIC AND MEDICAL FUNDAMENTALS OF SPELEOTHERAPY»**

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| 09.00-10.00 | Registration Coffee break Review of the medical base of SI «Republican Clinic of Speleotherapy» |
| 10.00-10.15 | Preparing for departure to the mine to visit the underground speleotherapy department: issuing special clothing (hard hats, jackets) |
| 10.15-10.30 | Moving from hospital to mine (departure of buses from the first building of the hospital) |
| 10.30-10.45 10.45-11.30 | Descending into the mine. Review of the underground department of speleology |
| 11.30-11.45 11.45-12.00 | Lifting to the surface Moving from the mine to the hospital |
| 12.00 – 12.15 | Break |
| 12.15-14.15 Presentations of seminar's participants | |
| 12.15-12.35 | Speleotherapy experience in the Republic of Belarus. Development prospects <i>Levchenko Pavel Aleksandrovich – Head Doctor, PhD in Medical Sciences, State institution "Republican Clinic of Speleotherapy", Soligorsk, Republic of Belarus</i> |
| 12.35-12.55 | Hygienic and ecological aspects of speleotherapy in Belarus <i>Kosyachenko Grigory Efimovich - Head of Laboratory of Occupational Hygiene, Grand PhD in Medical Sciences, Associate Professor, SPC of Hygiene, Minsk, Republic of Belarus</i> <i>Co-authors: Tishkevich G.I., Ginduk A.V., Nikolaeva E.A.</i> |
| 12.55-13.30 | Experience and development prospects of speleotherapy in potash mines and speleoclimatotherapy in surface sylvinite speleocameras <i>Feinburg Grigory Zakharovich - Director, Grand PhD in Technical Sciences, Professor, Honored Worker of the Higher School of the Russian Federation, Institute of Labor Safety, Production and Human of the Perm National Research Polytechnic University, Perm, Russian Federation</i> |
| 13.30-13.45 | Role of microbiological factor in formation of potash mines speleo medium in Belarus <i>Tishkevich Galina Ivanovna - Senior Researcher of the</i> |

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| | <p><i>Laboratory of Occupational Hygiene, SPC of Hygiene, Minsk, Republic of Belarus</i></p> <p><i>Co-authors: Kosyachenko G.E., Nikolaeva E.A.</i></p> |
| 13.45-14.00 | <p>Speleotherapy therapeutic potential in anti-relapse treatment of chronic polyposis rhinosinusitis</p> <p><i>Delendik Rostislav Ivanovich</i> - physician-otolaryngologist, State institution "Republican clinic of speleotherapy", Soligorsk, Republic of Belarus</p> |
| 14.00-14.15 | <p>Hygienic characteristics' comparative analysis of speleo medium of above-ground halo- and speleoclimatic chambers of various construction and planning solutions</p> <p><i>Nikolaeva Ekaterina Aleksandrovna</i> - Junior Researcher, Laboratory of Occupational Hygiene, SPC of Hygiene, Minsk, Republic of Belarus</p> <p><i>Co-authors: Kosyachenko G.E., Tishkevich G.I.</i></p> |
| 14.15-14.30 | Break |
| 14.30-15.30 | Lunch break |
| 15.30 | Departure from Soligorsk |

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