

**NATIONAL ACADEMY OF MEDICAL SCIENCES OF UKRAINE
STATE INSTITUTION "OM MARZIEIEV INSTITUTE FOR PUBLIC
HEALTH OF THE NATIONAL ACADEMY OF MEDICAL SCIENCES OF
UKRAINE"**

NGO "UKRAINIAN ASSOCIATION OF PUBLIC HEALTH"

***"CURRENT PUBLIC HEALTH ISSUES
AND ENVIRONMENTAL SAFETY OF UKRAINE"
(XVIII MARZIEIEV READINGS)***

PROGRAM

October 20-21, 2022

Kyiv

Dear conference participants!

At such a difficult time for Ukraine, the scientists of the Institute continue their scientific activity.

We sincerely invite you to take part in traditional Marzieiev readings, the purpose of which is the exchange of scientific ideas, experiences of scientists and practical workers in various fields of hygienic science and public health.

Thank you to everyone who has found the opportunity to join the work of a scientific and practical conference. We wish inspiration and perseverance in our field of activity in favor of independent Ukraine!

*Sincerely
Organizing committee*

Event format On-line.

October 22, 2022

9³⁰ - 10⁰⁰ – registration of participants and entrance to the conference using the ZOOM.

10⁰⁰ – 10¹⁵ - *Opening*

FIRST PLENARY SESSION

Conference moderators:

Serdiuk Andrii - Director of the Institute Academician of NAMSU, Doctor of Medical Sciences, Professor

Polka Nadiia - Deputy Director for Scientific Work, Corresponding Member of NAMS of Ukraine, Doctor of Medical Sciences, Professor
State Institution «OM Marzieiev Institute for Public Health of the NAMS of Ukraine», Kyiv

Time of speeches - 15 minutes.

1. 10:15- 10:30	<p style="text-align: center;">ACTUAL DEVELOPMENT OF THE STATE INSTITUTION «OM MARZIEIEV INSTITUTE FOR PUBLIC HEALTH OF THE NAMS OF UKRAINE» ON ENVIRONMENTAL AND PUBLIC HEALTH AND THEIR IMPLEMENTATION</p> <p><i>Polka Nadiia</i> Deputy Director for Scientific Work, Corresponding Member of NAMS of Ukraine, Doctor of Medical Sciences, Professor</p> <p>State Institution «OM Marzieiev Institute for Public Health of the NAMS of Ukraine”, Kyiv</p>
2. 10:30- 10:45	<p style="text-align: center;">MAKING ONE HEALTH OPERATIONAL: WHAT IS THE ROLE OF THE ENVIRONMENT FROM A HEALTH PERSPECTIVE?</p> <p><i>Francesca Racioppi</i> Head of Office, WHO Regional Office for Europe, European Centre for Environment and Health</p>

	<p><i>Sinaia Netanyahu</i> Programme Manager for Environment and Health Impact Assessment WHO Regional Office for Europe, European Centre for Environment and Health</p>
<p>3. 10:45- 11:00</p>	<p>PROPOSED ACTIONS FOR THE IMPROVEMENT OF THE HEALTH BY IMPROVING ENVIRONMENT IN UKRAINE</p> <p><i>Elizabet Paunovic</i> Member of International Health Partnerships' Association Consultant of Environmental and occupational health</p>
<p>4. 11:00- 11:15</p>	<p>UK BIOBANK OMICS DATA FOR STUDYING THE AETIOLOGY OF MULTIFACTORIAL DISEASES - OPEN OPPORTUNITIES FOR UKRAINE</p> <p><i>Inga Prokopenko</i> Head of Section of Statistical Multi-Omics, Department of Clinical and Experimental Medicine, Professor of e-One Health University of Surrey, United Kingdom</p>
<p>5. 11:15- 11:30</p>	<p>MEDICAL EXPERTISE OF DISEASES THAT LED TO DISABILITY AND DEATH DUE TO RADIATION EXPOSURE IN THE CONDITIONS OF THE CHERNOBYL DISASTER IN THE REMOTE POST-ACCIDENT PERIOD (35 YEARS)</p> <p><i>Sushko Viktor</i> First Deputy Director-General for Research Work of the State Institution "National Research Center for Radiation Medicine of National Academy of Sciences of Ukraine", Corresponding Member of NAMS of Ukraine, Doctor of Medical Sciences, Professor State Institution "National Research Center for Radiation Medicine of National Academy of Sciences of Ukraine", Kyiv</p>
<p>6. 11:30- 11:45</p>	<p>PUBLIC HEALTH CHALLENGES CAUSED BY RADIATION AND CHEMICAL POLLUTION OF THE ENVIRONMENT IN WARTIME</p> <p><i>Khomenko Iryna</i> Head of the Public Health Department, Doctor of Medical Sciences, Professor Shupyk National Health University of Ukraine, Kyiv</p>

<p>7. 11:45- 12:00</p>	<p align="center">MODERN INTERNATIONAL REQUIREMENTS FOR THE ORGANIZATION OF RADIATION PROTECTION OF THE POPULATION IN CASE OF RADIATION ACCIDENT</p> <p><i>Pavlenko Tetiana</i></p> <p>Head of Radiation Protection Laboratory, Ph.D., Professor</p> <p>State Institution «OM Marzieiev Institute for Public Health of the NAMS of Ukraine», Kyiv</p>
<p>8. 12:00- 12:15</p>	<p align="center">EXPECTED EFFECTS OF CLIMATE CHANGE FOR POPULATION HEALTH</p> <p><i>Turos Olena</i></p> <p>Deputy Director for Scientific and Practical Work, Head of Air Quality Laboratory, Doctor of Medical Sciences, Professor</p> <p>State Institution «OM Marzieiev Institute for Public Health of the NAMS of Ukraine», Kyiv</p>
<p>9. 12:15- 12:30</p>	<p align="center">THE STATE OF THE RETINAL VESSELS OF THE CHERNOBYL NUCLEAR POWER PLANT EMPLOYEES WHO WORKED IN THE CHERNOBYL OCCUPATION CONDITIONS</p> <p><i>Fedirko Pavlo</i></p> <p>Director of the Institute of Radiation Hygiene and Epidemiology, Doctor of Medical Sciences, Professor</p> <p>State Institution “National Research Center for Radiation Medicine of National Academy of Sciences of Ukraine”, Kyiv</p>
<p>10. 12:30- 12:45</p>	<p align="center">HISTOCHEMICAL CHANGES IN STRABISMUS AFFECTED EYEBALL MUSCLES: POSSIBLE MECHANISM OF BINOCULAR VISION DISORDERS DEVELOPMENT IN IRRADIATED IN UTERO PERSONS</p> <p><i>Babenko Tatiana</i></p> <p>Scientific Secretary of the Institute of Radiation Hygiene and Epidemiology, Ph.D.</p> <p>State Institution “National Research Center for Radiation Medicine of National Academy of Sciences of Ukraine”, Kyiv</p>

<p>11. 12:45- 13:00</p>	<p>ASSESSMENT OF RADIATION RISK OF MALIGNANT NEOPLASMS CAUSED BY THE CHERNOBYL ACCIDENT ON THE BASIS OF 35-YEAR-OLD ECOLOGICAL AND EPIDEMIOLOGICAL MONITORING</p> <p><i>Gudzenko Natalia</i></p> <p>Head of the Laboratory of Cancer Epidemiology, Doctor of Medical Sciences State Institution "National Research Center for Radiation Medicine of National Academy of Sciences of Ukraine", Kyiv</p>
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Coffee Break, 13⁰⁰ – 13³⁰

Continuation of the plenary session 13³⁰

<p>12. 13:30- 13:45</p>	<p>THE PERSPECTIVE OF USING DISINFECTANTS AS ANTISEPTIC IN WARTIME</p> <p><i>Surmasheva Olena</i></p> <p>Head of the Laboratory of Sanitary Microbiology and Disinfectology, Doctor of Medical Sciences State Institution «OM Marzieiev Institute for Public Health of the NAMS of Ukraine», Kyiv</p>
<p>13. 13:45- 14:00</p>	<p>CURRENT ISSUES OF THE DOMESTIC PUBLIC HEALTH SYSTEM</p> <p><i>Gushchuk Igor</i></p> <p>Head of the Department of Public Health and Physical Education, Head of the Research Center "Human Ecology and Public Health", Doctor of Medical Sciences, Associate Professor The National University of Ostroh Academy, Ostrog</p>
<p>14. 14:00- 14:15</p>	<p>PUBLIC HEALTH EDUCATIONAL AND SCIENTIFIC PROGRAM: BASIC PROVISIONS AND LEADING WAYS IN THE PREPARATION OF PHILOSOPHY IN MODERN TERMS</p> <p><i>Sergeta Igor</i></p> <p>Head of the Department of General Hygiene and Ecology, Doctor of Medical Sciences, Professor Pirogov Vinnytsia National Medical University, Vinnitsa</p>

<p>15. 14:15- 14:30</p>	<p style="text-align: center;">TO THE ISSUE OF DETERMINING THE EXISTING EATING DISORDERS OF CHILDREN IN CONDITIONS OF STRESS ASSOCIATED WITH WAR</p> <p><i>Petrenko Olena</i></p> <p>Senior researcher of the laboratory of prevention of alimentary-dependent diseases, Ph.D. State Institution «OM Marzieiev Institute for Public Health of the NAMS of Ukraine», Kyiv</p>
<p>16. 14:30- 14:45</p>	<p style="text-align: center;">EFFECTIVENESS OF INTERNATIONAL HEALTH REGULATIONS IN EMERGENCY SITUATIONS</p> <p><i>Koblianska Alla</i></p> <p>Head of the Department of Support of State Programs and International Relations, Ph.D. State Institution «OM Marzieiev Institute for Public Health of the NAMS of Ukraine», Kyiv</p>
<p>17. 14:45- 15:00</p>	<p style="text-align: center;">ASSESSMENT OF THE POSSIBLE IMPACT OF THE CONSEQUENCES OF HOSTILITIES ON THE EMERGENCE OF REPRODUCTIVE LOSSES AMONG THE POPULATION OF UKRAINE</p> <p><i>Omelchenko Elina</i></p> <p>Head of the laboratory of genetic epidemiology, Candidate of Medical Sc Ph.D., Senior Researcher State Institution «OM Marzieiev Institute for Public Health of the NAMS of Ukraine», Kyiv</p>
<p>18. 15:00- 15:15</p>	<p style="text-align: center;">HYGIENIC ASSESSMENT OF THE READINESS OF HEALTH CARE INSTITUTIONS FOR THE PROVISION OF PSYCHOLOGICAL AND PSYCHIATRIC CARE TO THE POPULATION IN MODERN CONDITIONS</p> <p><i>Chorna Valentina</i></p> <p>Associate Professor of the Department of Catastrophe and Military Medicine, Ph.D. Pirogov Vinnytsia National Medical University, Vinnitsa</p>
<p>19. 15:15- 15:30</p>	<p style="text-align: center;">CONSEQUENCES OF THE INVASION OF THE RUSSIAN FEDERATION INTO THE TERRITORY OF UKRAINE: ENVIRONMENTAL ASPECT</p> <p><i>Viciuk Alla</i></p> <p>Associate Professor of the Department of Social Medicine and Humanities, Ph.D.</p> <p>PRYVATNY VYSHCHYY NAVCHALNYY ZAKLAD MIZHNARODNA AKADEMIIA EKOLOHIYI TA MEDYTSYNY, Kyiv</p>

<p>20. 15:30- 15:45</p>	<p>THE IMPORTANCE OF USING HIGH -QUALITY AND SAFE DIETARY SUPPLEMENTS TO IMPROVE AND MAINTAIN THE CONDITION OF THE UKRAINIAN POPULATION IN WARTIME</p> <p><i>Kuznetsova Olena</i> Senior Researcher at Laboratory of Quality and Safety of Products, Ph.D. State Institution «OM Marzieiev Institute for Public Health of the NAMS of Ukraine», Kyiv</p>
<p>21. 15:45- 16:00</p>	<p>HUMAN HEALTH RISK ASSESSMENT AND THE SIZE OF SANITARY PROTECTION ZONES FOR INDUSTRIAL ENTERPRISES</p> <p><i>Petrosian Arina</i> Leading researcher of the air quality laboratory, Ph.D., Senior Researcher State Institution «OM Marzieiev Institute for Public Health of the NAMS of Ukraine», Kyiv</p>
<p>22. 16:00- 16:15</p>	<p>SUBSTANTIATION OF THE SANITARY PROTECTION ZONE FOR OBJECTS OF THE MINING AND PRODUCTIVE INDUSTRY</p> <p><i>Koval Natalia</i> Senior Researcher at Soil and Waste Hygiene Laboratory, Ph.D. State Institution «OM Marzieiev Institute for Public Health of the NAMS of Ukraine», Kyiv</p>
<p>23. 16:15- 16:30</p>	<p>REGARDING METHODOLOGICAL APPROACHES TO THE DEVELOPMENT AND COMPILATION OF UNIFIED ACTS OF INSPECTION IN THE FIELD OF SANITARY AND EPIDEMIC WELL-BEING OF THE POPULATION</p> <p><i>Zaitsev Vyacheslav</i> Teacher, Ph.D. Dniprovsky State Medical University, Dnipro</p>
<p>24. 16:30- 16:45</p>	<p>THE RELATIVITY OF THE UKRAINIAN LEGISLATIVE DEFINITION OF THE CONCEPT OF "POLLUTANTS" AND REGULATION OF THEIR RESET</p> <p><i>Uberman Volodimir</i> Leading researcher of the laboratory of problems of formation and regulation of water quality, Ph.D. Research Institution "Ukrainian Research Institute of Environmental Problems" Ministry of Environmental Protection and Natural Resources of Ukraine; National Technical University "Kharkiv Polytechnic University", Kharkiv</p>

October 21 2022

9³⁰ - 10⁰⁰ - registration of participants and entrance to the conference using the ZOOM.

SECOND PLENARY SESSION

Conference moderators:

Turos Olena - Deputy Director for Scientific and Practical Work, Doctor of Medical Sciences, Professor;

Polka Nadiia - Deputy Director for Scientific Work, Corresponding Member of NAMS, Doctor of Medical Sciences, Professor.

State Institution «OM Marzieiev Institute for Public Health of the NAMS of Ukraine», Kyiv

Time of speeches - 15 minutes.

1. 10:00- 10:15	MODERN PROBLEMS OF PREVENTIVE TOXICOLOGY AND WAYS TO SOLVE THEM <i>Dmitrukha Natalia</i> Temporarily performing duties at. Head of the Laboratory of Industrial Toxicology and Hygiene of Labor when using chemicals, Ph.D., Senior Researcher State Institution «Kundiiev Institute of Occupational Health of the National Academy of Medical Sciences of Ukraine», Kyiv
2. 10:15- 10:30	WELLNESS MOTOR ACTIVITY: RECOMMENDATIONS FOR YOUNG CHILDREN <i>Stankevich Tetiana</i> Leading Researcher at the Laboratory of Social Determinants of Children's Health, Candidate of Medical Sciences, Senior Researcher State Institution «OM Marzieiev Institute for Public Health of the NAMS of Ukraine», Kyiv
3. 10:30- 10:45	SANITARY, EDUCATIONAL AND URBAN PLANNING LEGISLATION OF UKRAINE ON THE CREATION OF A SAFE EDUCATIONAL ENVIRONMENT IN EDUCATIONAL INSTITUTIONS IN WARTIME <i>Pavlenko Natalia</i> Researcher at the Laboratory of Hygiene Planning and Building Settlements, Ph.D.

	State Institution «OM Marzieiev Institute for Public Health of the NAMS of Ukraine», Kyiv
4. 10:45- 11:00	<p align="center">PSYCHOPHYSIOLOGICAL FUNCTIONS OF THE ORGANISM OF STUDENTS AND THE PATTERNS OF THEIR FORMATION IN THE COURSE OF USE OF DISTANCE LEARNING</p> <p><i>Vergeles Tatiana</i> Assistant Professor of the Department of General Hygiene and Ecology Pirogov Vinnytsia National Medical University, Vinnitsa</p>
5. 11:00- 11:15	<p align="center">EPIDEMIOLOGICAL EVALUATION OF THE NEGATIVE EFFECTS OF METHEMOGLOBINEMIA ON HEALTH, ESPECIALLY YOUNG CHILDREN IN CHERKASY REGION FOR 2021</p> <p><i>Bondarenko Yuriy</i> Occupational Health Docto, Ph.D., Associate Professor State Institution "Cherkasy Regional Center for Control and Prevention of Diseases of the Ministry of Health of Ukraine", Cherkasy</p>
6. 11:15- 11:30	<p align="center">ONCO-EPIDEMIOLOGICAL SITUATION IN UKRAINE - RESULTS OF 20 YEARS OF MONITORING</p> <p><i>Fedorenko Zoya</i> Head of the Information and Analytical Department of Medical Statistics, Ph.D., Senior Resercher National Cancer Institute, Kyiv</p>
7. 11:30- 11:45	<p align="center">FEATURES OF AIR POLLUTION IN M. ZAPORIZHIA</p> <p><i>Volkova Yulia</i> Assistant Professor of the Department of General Hygiene and Ecology Zaporizhzhia State Medical University, Zaporizhzhia Regional Center for Control and Prevention of Diseases of the Ministry of Health of Ukraine, Zaporizhzhia</p>
8. 11:45- 12:00	<p align="center">AIR POLLUTION BY SUSPENDED PARTICLES OF ULTRAFINE SIZE IN ZAPORIZHIA FROM MOBILE SOURCES</p> <p><i>Sharavara Larisa</i> Associate Professor of the Department of General Hygiene and Ecology Zaporizhzhia State Medical University, Zaporozhia</p>

<p>9. 12:00- 12:15</p>	<p>COMPARATIVE TOXICOLOGICAL-HYGIENIC ASSESSMENT OF HAZARDS IN IQOS CONSUMPTION AND CIGARETTE SMOKING</p> <p><i>Kolivkovsky Olexander</i> Assistant Professor of the Department of Hygiene and Preventive Toxicology, Ph.D. Danylo Halytsky Lviv National Medical University, Lviv</p>
<p>10. 12:15- 12:30</p>	<p>TO DETERMINE THE CONCENTRATION OF THE ACTIVE PHARMACEUTICAL INGREDIENT IN THE AIR OF THE WORK AREA WHILE WORKING WITH SEVERAL SUBSTANCES OF MEDICINES</p> <p><i>Nikolaev Yana</i> Leading Engineer of Laboratory for Quality Control and Product Safety, PhD student State Institution «OM Marzieiev Institute for Public Health of the NAMS of Ukraine», Kyiv</p>
<p>11. 12:30- 12:45</p>	<p>INVESTIGATION OF THE IMPACT OF LIVING ACTIVE CULTURE LACTOBACILLUS PLANTARUM AS PART OF DIETARY ADDITIVES ON LIPID METABOLISM OF LABORATORY RATS</p> <p><i>Grigorenko Lyudmila</i> Leading researcher of the product and safety laboratory, Ph.D. State Institution «OM Marzieiev Institute for Public Health of the NAMS of Ukraine», Kyiv</p>
<p>12. 12:45- 13:00</p>	<p>DETERMINATION OF DL50 PER OS WHEN EXPOSED TO THE DRUG "WARFARIN SODIUM" ON EXPERIMENTAL ANIMALS</p> <p><i>Glavachek Diana</i> Researcher at the laboratory of carcinogenic factors and nanomaterials State Institution «OM Marzieiev Institute for Public Health of the NAMS of Ukraine», Kyiv</p>
<p>13. 13:00- 13:15</p>	<p>SECURITY OF CLOTHING REUSE</p> <p><i>Tkachuk Natalia</i> Associate Professor of the Department of Biology National University "Chernihiv College" named after Taras Shevchenko, Chernihiv</p>
<p>14. 13:15- 13:30</p>	<p>HYGIENIC EVALUATION OF NATURAL AND ARTIFICIAL LIGHTING IN THE SCHOOL ROOMS OF COMPREHENSIVE SCHOOL USING MOBILE DEVICES SENSORS</p> <p><i>Talabko Yulia</i> Student Bogomolets National Medical University, Kyiv</p>

<p>15. 13:30- 13:45</p>	<p style="text-align: center;">THE FAMOUS RESEARCHER OF PARKINSON'S DISEASE</p> <p><i>Schenderovsky Vasyl</i> Senior Research Fellow Institute of Physics of National Academy of Sciences of Ukraine, Kyiv</p>
<p>16. 13:45- 14:00</p>	<p style="text-align: center;">SEARCH FOR NEW CRITERIA FOR HYGIENIC REGULATION AND ASSESSMENT OF INSOLATION OF RESIDENTIAL PREMISES</p> <p><i>Stebliy Natalia</i> Senior Researcher at the Laboratory of Physical Factors of the Environment, Ph.D. State Institution «OM Marzieiev Institute for Public Health of the NAMS of Ukraine», Kyiv</p>
<p>17. 14:00- 14:15</p>	<p style="text-align: center;">MAGNESIUM AS A STRESS LIMITING FACTOR: REGARDING THE NEED TO CORRECT MAGNESIUM DEFICIENCY</p> <p><i>Mokienko Andriy</i> Senior Lecturer of the Department of Hygiene and Medical Ecology, Doctor of Medical Sciences, Senior Researcher Odessa National Medical University, Odessa</p>

DISCUSSION OF REPORTS AND SUMMARY OF CONFERENCE WORKS