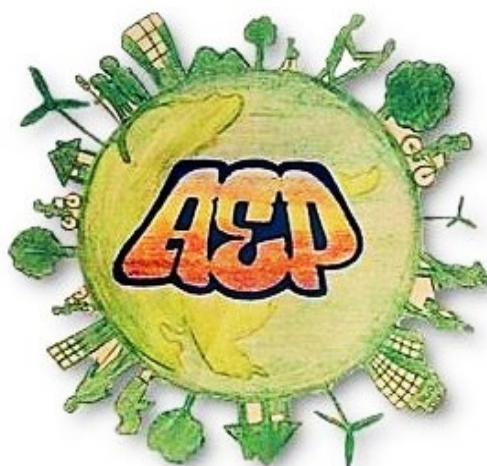


MINISTRY OF EDUCATION OF THE REPUBLIC OF BELARUS
MINISTRY OF NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION OF
THE REPUBLIC OF BELARUS
PUBLIC COUNCIL OF BASIC ORGANIZATION
FOR ECOLOGICAL EDUCATION OF CIS MEMBER-STATES
BELARUSIAN STATE UNIVERSITY
INTERNATIONAL SAKHAROV ENVIRONMENTAL INSTITUTE OF
BELARUSIAN STATE UNIVERSITY



PROGRAM

XV International Scientific Conference for
Young Scientists, Graduates,
Master and PhD Students
«Actual Environmental Problems»

27 - 28 November, 2025

Minsk, Republic of Belarus

ORGANIZING COMMITTEE

Germenchuk M. G.	<i>Deputy Director for Scientific Work, International Sakharov Environmental Institute of Belarusian State University – Chairman.</i>
Lobai M.V.	<i>Chairman of the Student Scientific Society of International Sakharov Environmental Institute of Belarusian State University – Deputy Chairman.</i>
Zhuravkov V. V.	<i>Deputy Director for Studies Work, International Sakharov Environmental Institute of Belarusian State University.</i>
Vetoshkin A.A.	<i>Deputy Director for Ideological Work, International Sakharov Environmental Institute of Belarusian State University.</i>
Dovgulevich N. N.	<i>Head of the Chair of Linguistic Disciplines and Intercultural Communications, International Sakharov Environmental Institute of Belarusian State University.</i>
Sheverdov V.V.	<i>Head of the Faculty of Environmental Medicine, International Sakharov Environmental Institute of Belarusian State University.</i>
Tonkonogov B.A.	<i>Head of the Faculty of Environmental monitoring, International Sakharov Environmental Institute of Belarusian State University.</i>
Batyan A. N.	<i>Head of the Chair of Environmental Medicine and Radiobiology, International Sakharov Environmental Institute of Belarusian State University.</i>
Golovaty S. E.	<i>Head of the Chair of Environmental Monitoring and Management, International Sakharov Environmental Institute of Belarusian State University.</i>
Puplikov S. I.	<i>Head of the Chair of Social and Human Sciences and Sustainable Development, International Sakharov Environmental Institute of Belarusian State University.</i>
Shahab S. N.	<i>Head of the Chair of Environmental Chemistry and Biochemistry, International Sakharov Environmental Institute of Belarusian State University.</i>
Adamovich T. V.	<i>Chief Accountant, International Sakharov Environmental Institute of Belarusian State University.</i>
Kasperovich O. V.	<i>Head of the Planning and Economic Sector, International Sakharov Environmental Institute of Belarusian State University.</i>

Kernitskaya E. P.

*Head of Procurement and Logistics Department,
International Sakharov Environmental Institute
of Belarusian State University*

Tsybulko N. N.

*Head of the Research Sector, International Sakharov
Environmental Institute of Belarusian State University.*

Tavgen I. A.

*Head of the Department of Information Technologies in
Ecology and Medicine, International Sakharov
Environmental Institute of Belarusian State University.*

**THE CONFERENCE
IS HELD WITH FINANCIAL SUPPORT OF:**



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GENERAL INFORMATION

CONFERENCE VENUE	INTERNATIONAL SAKHAROV ENVIRONMENTAL INSTITUTE OF BELARUSIAN STATE UNIVERSITY 23/1 DOLGOBRODSKAYA STR., 220070, MINSK, BELARUS
WAY FROM RAILWAY STATION	1) FROM THE METRO STATION «PLOSHAD LENINA» TO METRO STATION «TRACTORNY ZAVOD»; 2) TRAM 3, 6, 7; BUS 43 TO THE STOP «METRO STATION TRACTORNY ZAVOD»
REGISTRATION OF THE PARTICIPANTS	ELECTRONIC REGISTRATION FORM ON THE CONFERENCE WEBSITE
PLENARY SESSION	ROOM 21 REMOTE PARTICIPATION, VIA THE LINK ON THE CONFERENCE WEBSITE
PLENARY REPORTS	15 MINUTES
SECTIONAL REPORTS	TOTAL TIME (REPORTS+DISCUSSION) 10 MINUTES REMOTE PARTICIPATION, VIA THE LINK ON THE CONFERENCE WEBSITE
POSTER REPORTS	PUBLICATION ON THE CONFERENCE WEBSITE PLACE FOR THE REPORT – A1, VERTICAL LAYOUT
MULTIMEDIA FACILITIES	• MULTIMEDIA PROJECTORS • PC\LAPTOPS • LOUD SPEAKERS • MICROPHONES NB: WE KINDLY REMIND YOU THAT ALL CONFERENCE MATERIALS (PRESENTATIONS, VIDEOS AND ETC.) ARE REQUIRED TO BE UPLOADED TO THE PCS\LAPTOPS IN ADVANCE!

PLEASE, DO NOT HESITATE TO CONTACT US FOR ANY FURTHER INFORMATION BY:

PHONE: +375 33 638 73 11

E-MAIL: iseibsu2025@gmail.com

CONFERENCE AGENDA

Thursday, 27th November

9.00 – 10.00 – REGISTRATION OF THE PARTICIPANTS

10.00 – 13.00 – OPENING OF THE CONFERENCE, PLENARY SESSION
(ROOM 21)

13.00 – 14.00 – LUNCH

14.00 – 17.30 – SECTIONAL MEETING (IN ACCORDANCE WITH THE SCHEDULE)

PLENARY SESSION:

ROOM 21

REMOTE PARTICIPATION, VIA THE LINK ON THE CONFERENCE WEBSITE

[HTTPS://WWW.ISEU.BSU.BY/RU/RFC/](https://www.iseu.bsu.by/ru/rfc/)

Friday, 28th November

10.00 – 13.00 – SECTIONAL MEETING (IN ACCORDANCE WITH THE SCHEDULE)

16.00 – 17.00 – CONCLUSIONS (ROOM 312)

CONFERENCE VENUE

SECTION 1. SOCIO-ECOLOGICAL, ETHICAL AND PEDAGOGICAL
PROBLEMS OF OUR TIME - BOTANICAL, 15, ROOM 209

SECTION 2. MEDICAL ECOLOGY - DOLGOBRODSKAYA, 23/1,
ROOM 310

SECTION 3. PROBLEMS OF MODERN ENVIRONMENTAL SAFETY-
DOLGOBRODSKAYA, 20, ROOM 256

SECTION 4. BIOINFORMATICS - DOLGOBRODSKAYA, 23/1, ROOM
309

OPENING OF THE CONFERENCE

Room 21, website, youtube.com

Welcome:

Director of the International Sakharov Environmental Institute of Belarusian State University, Doctor of Biological Sciences, Associate Professor

Rodzkin Aleh Ivanovich

Deputy Minister of Natural Resources and Environmental Protection of the Republic of Belarus

Stasyukevich Alexey Kirillovich

Corporate Affairs & Sustainability Director, Coca-Cola HBC Belarus

Hralenkov Gleb Mikhailovich

PLENARY SESSION

Room 21, website [youtube.com](https://www.youtube.com) (10.00–13.00)

Chairman: Germenchuk M. G. – Deputy Director for Scientific Work.

1. COMMENSAL MICROBIOTA AND ITS VALUE FOR HUMAN HOMEOSTASIS

Potapnev M.P.

Head of the Department of Cellular Biotechnology of the Republican Scientific and Practical Center for Transfusiology and Medical Biotechnology, Doctor of Medical Sciences, Professor

2. EXPERIENCE OF CONDUCTING STEPS-SURVEY IN REPUBLIC OF BELARUS

Pisarik V.M.

Head of the Laboratory of Organizational State Institution "Republican Scientific and Practical Center for Medical Technologies, Informatization, Management and Economics of Healthcare, Ph.D. in Biology

3. NATIONAL ENVIRONMENTAL MONITORING SYSTEM OF THE REPUBLIC OF BELARUS: CURRENT STATUS AND DEVELOPMENT PROSPECTS

Bertosh E. I.

Head of the Department of International Scientific Cooperation and Climate at the Republican Research Unitary Enterprise "Bel Research Center "Ecology"

4. BIODEGRADABLE PACKAGING TRANSITION TENDENCIES IN BELARUS

Poloz I. I.

Associate Professor of the Department of Industrial Design and Packaging at the Belarusian National Technical University, Ph.D. in Agriculture, Associate Professor

SECTIONAL WORK

Section 1, website youtube.com

SOCIO-ECOLOGICAL, ETHICAL AND PEDAGOGICAL PROBLEMS OF OUR TIME

Chairperson: Puplikov S. I. – Ph.D. in Economic, Head of the Chair of Social-Humanitarian Sciences and Sustainable Development, ISEU BSU;

Co-Chairperson: Gavrilov V. I. – Senior lecturer of the Chair of Social-Humanitarian Sciences and Sustainable Development, ISEU BSU;

Secretary: Olevskaya I.Z. – Senior lecturer of the Chair of Social-Humanitarian Sciences and Sustainable Development, ISEU BSU.

ORAL PRESENTATION

1. THE PHENOMENON OF CONFLICT

Volodko Y., Ladutko M., Gulevich D., Kot V., Olevskaya I.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

2. THE SIGNIFICANCE OF THE 1557 "FELLING CHARTER" FOR THE INTENSIFICATION OF AGRICULTURAL PRODUCTION IN THE XVI CENTURY

Haurylau V., Zhurava V.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

3. PRACTICAL STUDY OF BIORHYTHMOLOGICAL CHANGES IN PERFORMANCE OF STUDENTS

Zelianukha U., Linha M.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

4. PLAN AND IMPLEMENTATION OF THE OPERATION "BAGRATION" — INTERACTIVE MAP

Polivkina Y., Haurylau V.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

5. PROBLEMS OF ACCESSIBILITY OF URBAN ENVIRONMENT FOR PEOPLE WITH DISABILITIES

Korotkevich A., Dubrouskaya M.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

ABSENTEE PARTICIPATION

1. A PHILOSOPHICAL VIEW ON THE PROBLEMS OF INTERNET ADDICTION IN MODERN SOCIETY

Tarasevitch D., Harkevitch E.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

2. PSYCHOLOGICAL INFLUENCE OF CULTURE ON SEXUALITY

Burak V., Nasekailo M., Olevskaya I.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

3. ECOLOGICAL QUEST AS A TOOL FOR RESEARCHING THE DEVELOPMENT OF ECOLOGICAL LITERACY IN OLDER PRESCHOOL CHILDREN

Butkevich I., Zhuk E.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

4. THEORETICAL BASIS OF NATURAL SCIENCE EDUCATION OF MODERN YOUTH IN BELARUS

¹Liakh Yu., ²Melnikova T.

¹*Belarusian State University, ISEI BSU, Minsk, Republic of Belarus*

²*Educational institution "Belarusian State Medical University", Minsk, Republic of Belarus*

5. BIOMEDICAL EDUCATION OF BELARUSIAN YOUTH AS AN ADAPTATION FACTOR DETERMINING THE WELL-BEING OF THE REPUBLIC

¹Melnikova T., ²Liakh Yu.

¹*Educational institution "Belarusian State Medical University", Minsk, Republic of Belarus*

²*Belarusian State University, ISEI BSU, Minsk, Republic of Belarus*

6. ENVIRONMENTAL LITERACY OF SCHOOLCHILDREN IN ADDRESSING THE SUSTAINABLE DEVELOPMENT GOALS

Artsiukh Z., Dziamchuk S., Zhuk E.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

7. THE USE OF THE PROBLEM-BASED LEARNING METHOD IN TEACHING ENGLISH LANGUAGE FOR THE FORMATION OF PERSONAL COMPONENTS OF THE ENVIRONMENTAL CONSCIOUSNESS OF STUDENTS

Butkevich J.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

- 8. THE ORIGIN OF THE BAROQUE ARCHITECTURE IN BELARUS**
Haurylau V., Barysevich V.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 9. RESPONSIBILITY AS A FACTOR OF ENVIRONMENTAL BEHAVIOR**
Zhybul D., Astapenko P., Kotok D.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 10. VULNERABILITY AS A PHENOMENON OF PSYCHOLOGICAL STRENGTH**
Muzychenko A., Vabishchevich A., Olevskaya I.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 11. THE ROLE OF MIND MAPS IN STUDENT LEARNING**
Maltsev M., Olevskaya I., Buben A., Stepuk D.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 12. ETHICS OF ARTIFICIAL INTELLIGENCE IN SCIENTIFIC RESEARCH: THE BOUNDARIES OF THE SCIENTIST'S RESPONSIBILITY**
Sokolova Y., Bobovich E., Badylevich A., Kulbitskaya L.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 13. SYSTEMATIC PATTERN OF EXCLUSION: ENVIRONMENTAL AND HUMANITARIAN ETHICS IN THREE DECADES OF THE NICARAGUA CANAL**
Wiesnegger O.
Institute of Environmental Engineering, RUDN University, Moscow, Russia
- 14. THE CURRENT STATE OF THE VIPER POPULATION COMMON (*Vipera berus*) IN BELARUS AND MINSK REGION**
Opryshko S., Khandogiy I., Khandogiy A.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 15. ARADOX OF FREEDOM: THE PHILOSOPHY OF CHOICE AND THE PSYCHOLOGY OF RESPONSIBILITY**
Vabishsevich A.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 16. PSYCHOEMOTIONAL STRESS AND ITS EFFECT ON THE CHILD'S BODY**
Zhilinskaya V.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

17. THE INFLUENCE OF NATURE ON STRESS REDUCE

Lappo A., Pulko A.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

18. THE ROLE OF METAPHORS AND ANALOGIES IN THE FORMATION OF SCIENTIFIC CONCEPTS

Polovtseva O., Fedorovich V.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

19. NARCISSISTIC PERSONALITY DISORDER

Belchina K., Melyukh O., Gadutsevich V.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

20. DEVIANT BEHAVIOR

Lagun A., Zueva S.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

21. PSYCHOLOGICAL ASPECTS OF OVERCOMING ACADEMIC STRESS

Kovalchuk E., Sokolova Y., Bobovich E., Olevskaya I.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

22. PSYCHOLOGY OF INDIVIDUAL DIFFERENCES FORMATION

Boyarova P., Laborchuk M.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

23. BIOETHICAL ASPECTS OF TRANSPLANTATION

Kushner R., Sviridenok L.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

24. TRENDS AND FACTORS AFFECTING THE NUMBER AND DISTRIBUTION OF SEAGULS IN THE CITY OF MINSK

²Guseva V., ¹Islamova B., ¹Kuznetsova V., ¹Mishalova V., ¹Azymov R., ¹Khandogiy A.,
¹Khandogiy I.

¹*Belarusian State University, ISEI BSU, Minsk, Republic of Belarus*

²*State Educational Institution «Secondary School No. 196 of Minsk named after V.K. Nikiforov»,
Minsk, Republic of Belarus*

25. ETHICAL CHALLENGES OF TECHNOLOGICAL PROGRESS AND SOCIETAL DIGITALIZATION

Skurko K.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

26. RESEARCH OF SOCIAL AND ECOLOGICAL CHALLENGES AND THE FORMATION OF ECOLOGICAL CULTURE

Puplikov S., Butrim T., Linha M.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

27. ENVIRONMENTAL INEQUALITY AND "ENVIRONMENTAL RACISM"

Butrym T., Kushnerevich V., Kuzmenkova M.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

28. GAMIFICATION AS A MEANS OF SOLVING ETHICAL AND PEDAGOGICAL PROBLEMS

Butrym T., Naumchyk A.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

29. ETHICS OF CARING FOR FUTURE GENERATIONS AS A BASIS FOR SUSTAINABLE DEVELOPMENT

Butrim T., Bogdanovich T., Lagun D.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

30. ENVIRONMENTAL DIFFERENTIATION IN MAJOR CITIES: WHO PAYS FOR EXPANSION AND DEVELOPMENT

Butrim T., Vasin A., Naumik I.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

31. HUMAN HEALTH AS A SUBJECT OF PHYLOSOPHICAL AND MEDICAL KNOWLEDGE

Antonava A., Haurylau V.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

Section 2. website youtube.com

MEDICAL ECOLOGY

Chairman: Batyan A.N. – Doctor of Science in Medicine, Professor, Head of the Chair of Environmental Medicine and Radiobiology, ISEI BSU;

Co-Chairman: Kravchenko V.A. – Ph.D. in Biology, Associate Professor of the Chair of Environmental Medicine and Radiobiology, ISEI BSU;

Secretary: Osipova O. N. – Lecturer of the Chair of Environmental Medicine and Radiobiology, ISEI BSU.

ORAL PRESENTATION

1. AMPHYBIA DEATHS HIPPED BY VEHICLES IN THE OUTSKIRTS OF MINSK

Rudak V., Khandogiy I., Khandogiy A.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

- 2. USE OF NOBLE METALS IN MEDICINE**
Krasovsky V., Zelianukha U.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 3. EFFECT OF ATP AND IONIZING RADIATION ON THE CONCENTRATION OF CYCLIC NUCLEOTIDES IN IMMUNE SYSTEM CELLS OF RATS**
Ananich M., Puhteeva I.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 4. DYNAMICS OF MORBIDITY AND MORTALITY OF PATIENTS DIAGNOSED WITH BREAST CANCER IN THE REPUBLIC OF BELARUS**
Linkievich A., Pukhteeva I.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 5. THE INFLUENCE OF ENVIRONMENTAL FACTORS ON THE FORMATION OF REDUCTIVE LIMB MALFORMATIONS**
Pilyuk M., Kokorina N., Khrustaleva E.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
Institute of Advanced Training and Retraining of Healthcare Personnel of the educational institution "Belarusian State Medical University", Minsk, Republic of Belarus
- 6. MOLECULAR ASSESSMENT OF microRNA EXPRESSION IN CUTANEOUS MELANOMA**
Aobo Z., Smolyakova R., Shpadaruk E.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 7. ENVIRONMENTAL LITERACY OF SCHOOLCHILDREN IN ADDRESSING THE SUSTAINABLE DEVELOPMENT GOALS**
Artsiukh Z., Dziamchuk S., Zhuk E.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 8. RESVERATROL INHIBITS OSTEOBLAST FERROPTOSIS IN THE TREATMENT OF OSTEOPOROSIS**
Huawu Li, Lei B., Sergey Petrenko S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 9. EPIDEMIOLOGICAL ASSESSMENT OF THE INCIDENCE OF RHEUMATOID ARTHRITIS**
Kuchura K., Kravchenko V.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 10. MOLECULAR DIAGNOSTICS OF HIGH-GRADE GLIAL BRAIN TUMORS**
Cherkas D., Smolyakova R., Shpadaruk E.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

11. EFFECT OF LEAD SALTS ON PHYSICOCHEMICAL CHARACTERISTICS OF THE LIPID COMPONENT OF RAT THYMOCYTE MEMBRANES

Nazimov K., Gerasimovich N.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

12. THE IMPACT OF ENVIRONMENTAL POLLUTION ON THE DEVELOPMENT OF PERINATAL PATHOLOGY

Luzgina D., Kokorina N., Alferovich E.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

13. PROSPECTS FOR THE USE OF SQUALENE IN TYPE 2 DIABETES

Rassolau A., Bushkevich N., Bulanova K.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

14. EVALUATION OF THE EFFICIENCY OF LOW-INTENSITY LASER IRRADIATION TO STIMULATE THE GERMINATION OF WINTER WHEAT SEEDS

Oev M., Kravchenko V., Batyan A.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

15. CHALLENGES OF MODERNITY: ENVIRONMENTAL AWARENESS

Katrak S.

Peoples' Friendship University of Russia named after Patrice Lumumba, Moscow, Russia

16. ANALYSIS OF THE PREVALENCE OF UROGENITAL DISEASES AMONG THE POPULATION OF THE REPUBLIC OF BELARUS

Poznyak E., Pukhteeva I.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

ABSENTEE PARTICIPATION

1. EPIDEMIOLOGICAL ASSESSMENT OF LOWER LIMB VENOUS THROMBOSIS IN BOBRUISK AND THE BOBRUISK DISTRICT

Shmeleva T., Shilov V.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

2. ONCOLOGICAL SITUATION AND CANCER CARE SYSTEM IN THE REPUBLIC OF BELARUS: A TEN-YEAR ANALYTICAL REVIEW (2010-2019)

Ananich D., Puhteeva I.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

3. EPIDEMIOLOGICAL ANALYSIS OF THE INCIDENCE OF MALIGNANT NEOPLASMS OF THE UPPER JAW

Polishchuk D., Puhteeva I.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

4. EFFECT OF REGULAR PHYSICAL ACTIVITY OF VARYING INTENSITY ON LIFE EXPECTANCY

Gulevich D., Volodko Ya., Chigir S.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

5. THE IMPACT OF SLEEP DISTURBANCES ON METABOLISM

Astapenko P., Belchina K., Gadutsevich V., Chigir S.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

6. EPIZOOTIC SITUATION OF PARASITOSIS AMONG WATERFOWLING BIRDS LIVING IN THE REPUBLIC OF BELARUS

¹Liakh Yu., ¹Sadovskaya E., ¹Klimashevskis V., ²Biletsky O.

¹*Belarusian State University, ISEI BSU, Minsk, Republic of Belarus,*

²*Educational Institution "Vitebsk Order of the Badge of Honor" State Academy of Veterinary Medicine", Vitebsk, Republic of Belarus*

7. THE EFFECT OF SLEEP DISORDER ON THE HUMAN BODY. INSOMNIA

Kot V., Ladutko M., Chigir S.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

8. INFLUENCE OF STRESS ON THE HUMAN ORGANISM

Mozyrchuk V., Loban V., Chigir S.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

9. ANTIBACTERIAL ACTIVITY OF COMMON CARAWAY

Semenchenko Y., Bogdanova N.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

10. INFLUENCE OF SLEEP ON HUMAN HEALTH

Goreglyad D., Zolotenko K., Chigir S.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

11. PROPAEDEUTIC ASSESSMENT OF THE EFFECTS OF HOUSEHOLD TOXICANTS AND THEIR RELATIONSHIP TO THE GENERAL STATE OF HUMAN HEALTH

Sergievich A., Pilyuk M., Chigir S.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

12. EFFECT OF SUGAR CONSUMPTION ON HUMAN HEALTH

Lappo A., Pulko A., Chigir S.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

- 13. USE OF PLATELET-RICH PLASMA IN THE TREATMENT OF EXPERIMENTAL ANIMALS (RATS) WITH ACUTE NECROTIZING PANCREATITIS**
Stepuk D., Proskuryakova A., Maltsev M.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 14. ANTIBIOTIC RESISTANCE OF CUTANEOUS PATHOGENS: RATIONALE FOR EXPLORING ALTERNATIVE STRATEGIES BASED ON ESSENTIAL OILS**
Maltsev M., Gritskevich E., Stepuk D., Ivashneva Y.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 15. EPIDEMIOLOGICAL SITUATION OF TUBERCULOSIS IN THE WORLD AND BELARUS IN 2023**
Kushner R., Yurkevich M.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 16. EPIDEMIOLOGIC FEATURES OF KIDNEY CANCER INCIDENCE IN URBAN AND RURAL POPULATIONS OF THE REPUBLIC OF BELARUS**
Kravtsova D., Shylau V.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 17. THE IMPACT OF LOW-ALCOHOLIC DRINKS ON THE HEALTH OF ATHLETES**
Popova M., Semenchenko Y., Chigir S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 18. STUDY OF THE IMPACT OF INDUSTRIAL EMISSIONS FROM OJSC «BELARUSREZINOTEKHNICA» ON THE MORBIDITY OF THE POPULATION OF BOBRUISK**
Nikitina K., Puhteeva I.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 19. MAIN FACTORS CONTRIBUTING TO THE DEVELOPMENT OF A DEFICIENCY OR EXCESS OF SELENIUM IN THE HUMAN BODY**
Plyuto D., Opryshko S., Chigir S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 20. EFFECTS OF VAPING ON THE HUMAN BODY**
Kasyanova A., Kot A., Chigir S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 21. INFLUENCE OF HEAVY METALS ON THE DEVELOPMENT OF ENDOMETRIOSIS**
Gorienko A., Knyazeva Z., Chigir S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

- 22. USING PLANTS TO REDUCE THE SYMPTOMS OF SICK BUILDING SYNDROME**
Buiko V., Yanukovych M., Chigir S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 23. IMPACT OF ARSENIC WATER POLLUTION ON HUMAN HEALTH**
Apyatinok M., Kurkova A., Chigir S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 24. COMPARATIVE EVALUATION OF THE IN VIVO ACTIVITY OF POLYPHENOL COMPOUNDS IN A PARACETAMOL-INDUCED HEPATITIS MODEL**
¹Tojixonova S., ²Abdullaev I., ²Gayibov U., ²Mahmudov L., ²Aripov T., ¹Mirzakulov S.,
¹Ahmedova S.
¹National University of Uzbekistan named after Mirzo Ulugbek Tashkent, Uzbekistan
²Institute of Bioorganic Chemistry named after A.S.Sadykov, Tashkent, Uzbekistan
- 25. THE EFFECT OF POLYPHENOL EXTRACT HELMAR 1 ON THE PASSIVE PERMEABILITY OF LIVER MITOCHONDRIAL MEMBRANES IN RATS WITH TOXIC HEPATITIS**
Ahmedova S., Asrarov M., Mirzakulov S.
National University of Uzbekistan named after Mirzo Ulugbek, Tashkent, Uzbekistan
- 26. THE EFFECT OF ENVIRONMENTALLY UNFAVORABLE FACTORS ON THE ORIGIN OF DIABETES**
Karimova I., Tokhirova Sh.
National University of Uzbekistan named after Mirzo Ulugbek, Tashkent, Uzbekistan
- 27. TOTAL TRIGLYCERIDE LEVELS IN THE PANCREAS DURING AUTOIMMUNE THYROIDITIS UNDER THE INFLUENCE OF ZINC TRACE ELEMENT**
Karimova I., Tokhirova Sh.
National University of Uzbekistan named after Mirzo Ulugbek, Tashkent, Uzbekistan
- 28. FEATURES OF HAND GRIP STRENGTH IN ROWERS**
Abdurakhmonov J., Bozorboyeva M., Maxsudova Sh., To'iyeva D., Karimova U.
National University of Uzbekistan named after Mirzo Ulugbek, Tashkent, Uzbekistan
- 29. MODERN APPROACHES TO SUSTAINABLE PHYSIOLOGICAL NUTRITION IN ENSURING FOOD SECURITY**
Zaripov B., Ahmedova G., Bekchonova M.
National University of Uzbekistan named after Mirzo Ulugbek, Tashkent, Uzbekistan
- 30. CHANGES IN BLOOD BIOCHEMICAL PARAMETERS (ALT, AST, ALP, GLUCOSE) IN PARENTS AND OFFSPRING UNDER EXPERIMENTAL HYPOTHYROIDISM WITH PROPHYLACTIC POLYPHENOL THERAPY**

Botirov Sh., Qarolberdiyeva D., Po'latova S., Rajabova N., Yusupova U.
National University of Uzbekistan named after Mirzo Ulugbek, Tashkent, Uzbekistan

31. THE EFFECT OF PROPHYLACTIC POLYPHENOL THERAPY ON PANCREATIC, HEMATOLOGICAL, INTESTINAL ENZYMATIC, COGNITIVE AND GROWTH PARAMETERS IN PARENTS AND OFFSPRING UNDER EXPERIMENTAL HYPOTHYROIDISM

Botirov Sh., Ismailova K., Shukrullayeva Z., Gulomova A., Yusupova U.
National University of Uzbekistan named after Mirzo Ulugbek, Tashkent, Uzbekistan

32. FLAVONOID-MEDIATED RESTORATION OF THYROID HORMONE HOMEOSTASIS IN AUTOIMMUNE THYROIDITIS

Kayumov Kh., Kuchkarova L., Berdiyeva S., Romanova D., Qurbonaliyeva S., Rustamova M., Abdusamadova N., Mustanova M., Mirqosimova N., Sultonova L., Sultonmurodova N., G'aniyeva M., Abdulkarimova S., Xursandova S., Jumanova N., Olimjonova X., Abduraxmonov J.

National University of Uzbekistan named after Mirzo Ulugbek, Tashkent, Uzbekistan

33. EFFECT OF ATORVASTATIN AND ROSUVASTATIN ON CHANGES IN THE HEMOSTASIS SYSTEM IN MICE WITH EXPERIMENTAL DIABETES MELLITUS

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34. INFLUENCE OF ECOTOXICOLOGICAL SUBSTANCES ON REPRODUCTIVE AND MOLECULAR-PHYSIOLOGICAL PROCESSES IN THE TRANSGENERATIONAL STATE

Mardonov A.

National University of Uzbekistan named after Mirzo Ulugbek, Tashkent, Uzbekistan

35. PROSPECTS OF LOCUST PROTEIN AS A SUSTAINABLE AND FUNCTIONAL SOURCE

Mirzajonova P., Komilov J., Karimova I.

National University of Uzbekistan named after Mirzo Ulugbek, Tashkent, Uzbekistan

36. COMPARATIVE ANALYSIS OF BEHAVIORAL RESPONSES IN HEALTHY RATS AND RATS WITH EXPERIMENTALLY INDUCED PARKINSON'S DISEASE

Normuxamedova I., Abduraximova Zh., Baxtiyarova E., Turgunjanova Z., Fayzullayeva N., Xaydarova S., Murodova O., Musurmanova D., Tajiev I., Mukhtorov A., Djabbarova G.

National University of Uzbekistan named after Mirzo Ulugbek, Tashkent, Uzbekistan

- 37. THE EFFECT OF FEED ADDITIVES PREPARED FROM LOCUSTS ON THE GROWTH RATE AND FEED UTILIZATION INDICATORS OF CHICKS**
Ochilova M., Mirzajonova P., Oliomova L., Allamuratov M.
National University of Uzbekistan named after Mirzo Ulugbek, Tashkent, Uzbekistan
- 38. BIOIMPEDANCE-BASED EVALUATION OF VISCERAL OBESITY IN PATIENTS WITH TYPE 1, TYPE 2, AND POST-COVID DIABETES**
Olimova L., Akhmedova G., Zaripov B., Abdilnorov H.
National University of Uzbekistan named after Mirzo Ulugbek, Tashkent, Uzbekistan
- 39. INHIBITORY EFFECT OF CALCIUM IONS ON GLUCOSE ABSORPTION IN THE SMALL INTESTINE**
Achilov R., Bozorova M., Olimova Sh., Esamuratov R., Boltarva S., Jumanazarova I., Mavzudinkhanova N., Ulugbekova D., Qayyumov Kh., Abdurakhmanov J., Kuchkarova L., Berdiyoriya S.
National University of Uzbekistan named after Mirzo Ulugbek, Tashkent, Uzbekistan
Kokand University Andijan Branch, Andijan, Republic of Uzbekistan
- 40. THE SIGNIFICANCE OF LOCUST MEAL AS AN ALTERNATIVE PROTEIN SOURCE AND ITS EFFECTS ON THE ORGANISM**
Abdurazzoqova R., Xoshimova M., Rahmonqulova G., Azatova N.
National University of Uzbekistan named after Mirzo Ulugbek, Tashkent, Uzbekistan
- 41. THE EFFECT OF INTERMITTENT FASTING ON HEMATOLOGICAL PARAMETERS UNDER ALLOXAN-INDUCED DIABETES CONDITIONS**
Achilov R., Boltayeva S., Jumanazarova I., Kuchkarova L.
National University of Uzbekistan named after Mirzo Ulugbek, Tashkent, Uzbekistan
- 42. EFFECTS OF LOCUST PROTEIN ON THE IMMUNE SYSTEM OF CHICKS**
Roxataliyeva G., Zaripov B., Axmedova G., Komilov J.
National University of Uzbekistan named after Mirzo Ulugbek, Tashkent, Uzbekistan
- 43. STUDY OF THE EFFECT OF PLANT EXTRACTS ON BLOOD COAGULATION PARAMETERS IN RATS WITH ADRENALINE-INDUCED HEART INJURY**
Saburova D., Bokova A.
National University of Uzbekistan named after Mirzo Ulugbek, Tashkent, Uzbekistan
- 44. THE EFFECT OF GRASSHOPPER MEAL AND TRADITIONAL FEED ON WEIGHT GAIN AND FEED CONSUMPTION IN BROILER CHICKENS**
Shukhratillayeva R., Komilov J.
National University of Uzbekistan named after Mirzo Ulugbek, Tashkent, Uzbekistan
- 45. EFFECT OF EXPERIMENTAL HYPOTHYROIDISM ON PLATELET**

COUNT IN RATS

Tuychiboyev J., Yusupova U.

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46. THE SIGNIFICANCE OF LOCUST MEAL AS AN ALTERNATIVE PROTEIN SOURCE AND ITS EFFECTS ON THE ORGANISM

Xoshimova M., Abdurazzoqova R., Rahmonqulova G., Allamuratov M.

National University of Uzbekistan named after Mirzo Ulugbek, Tashkent, Uzbekistan

47. EFFECT OF MOROCCAN LOCUST MEAL SUPPLEMENTATION ON FISH GROWTH AND FEED EFFICIENCY

Bekchonova M., Mardiyeva B.

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48. EFFECT OF IMMUNOSTIMULATORS ON THE IMMUNE SYSTEM IN EXPERIMENTAL HEPATITIS

Qaxorov B., Absamatova M.

National University of Uzbekistan named after Mirzo Ulugbek, Tashkent, Uzbekistan

49. ANALYSIS OF BIOLOGICALLY ACTIVE SUBSTANCES IN ECHINACEA PURPLE EXTRACTS THAT AFFECT ANTIOXIDANT ACTIVITY DEPENDING ON THE EXTRACTING AGENTS

Zharskaya N.

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50. CYTOMORPHOLOGICAL CHARACTERISTICS OF BUCCAL EPITHELIAL CELLS IN SMOKERS AND NON-SMOKERS

Dadko K., Lozinskaya O.

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51. DIFFERENTIAL INDUCTION OF CYTOCHROME P450 ENZYMES BY PHENOBARBITAL IN LYMPHOCYTES: IMPLICATIONS FOR IMMUNOTOXICITY AND DRUG METABOLISM

Ghaith M.

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52. PSYCHOLOGICAL EFFECTS OF SLEEP ON HUMAN HEALTH

Perry M., Dadko K., Chigir S.

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53. APPLICATION OF CHITOSAN-BASED BIOPOLYMERS IN MEDICAL ECOLOGY

Sergievich A., Zinchenko A.

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- 54. EPIDEMIOLOGICAL ASSESSMENT OF THE INCIDENCE OF PNEUMONIA AMONG CHILDREN'S POPULATION**
Branovets D., Gerasimovich N.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 55. PHARMACEUTICALS AS A POLLUTANT IN THE ACQUATIC ENVIRONMENT**
Kovalchuk E., Yurkevich M.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 56. MITOCHONDRIAL MECHANISMS REGULATING APOPTOSIS, AUTOPHAGY, AND THE INFLAMMATORY RESPONSE**
Chen X., Sysa A., Vasiukevich A.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 57. ISOLATION OF ENDOPHYTES FROM CATHARANTHUS ROSEUS AND THEIR ROLE IN SECONDARY METABOLITE SYNTHESIS AND ECOLOGICAL SIGNIFICANCE IN BIODIVERSITY CONSERVATION**
Norqo'ziyeva O.
National University of Uzbekistan named after Mirzo Ulugbek, Tashkent, Uzbekistan
- 58. FEATURES OF THE MANIFESTATION OF THE MAIN SYMPTOMS OF CHRONIC PANCREATITIS**
Poznyak Z.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 59. CHRONIC INFLAMMATORY DEMYELINATING POLYNEUROPATHY (CIDP): CHARACTERISTICS OF AUTOANTIGENS AND GROWTH FACTORS**
Ladutko M.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 60. METHODS OF ISOLATION OF DENDRITIC CELLS**
Krakovskaya D., Vialichka A.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 61. MOLECULAR ASSESSMENT OF microRNA EXPRESSION IN CUTANEOUS MELANOMA**
Aobo Z., Smolyakova R., Shpadaruk E.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 62. MOLECULAR-BIOLOGICAL ASSASSMENT OF NON-SMALL CELL LUNG CANCER AND ITS DIAGNOSTIC SIGNIFICANCE**
MaoShiyu, Smolyakova R., Shpadaruk E.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

- 63. RISK CRITERIA FOR THE DEVELOPMENT OF BONE METASTASES IN HORMONE-DEPENDENT BREAST CANCER**
Yurchenkova K., Smolyakova R., Shpadaruk E.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 64. ASSESSMENT OF THE EPIZOOTIC SITUATION ON PARASITIC PATHOLOGY OF THE MUTANT SWAN IN THE MINSK REGION**
Klimashevskis V., Liakh Yu., Yakimovich K., Sadovskaya E.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 65. THE ROLE OF FRESHWATER MOLLUSKS IN MAINTAINING TREMATODOSAL BIOTOPES IN THE REPUBLIC OF BELARUS**
Liakh Yu., Yakimovich K., Sadovskaya E., Klimashevskis V.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 66. STRUCTURAL DETERMINANTS OF OXIDATIVE TOXICITY OF MODIFIED NUCLEOSIDES AND THE PROTECTIVE ROLE OF QUERCETIN**
Katanos T.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 67. COMPARATIVE ANALYSIS OF THE INCIDENCE OF MALIGNANT NEOPLASMS OF THE PROSTATE IN THE REPUBLIC OF BELARUS**
Sviridenko A., Gerasimovich N.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 68. ANALYSIS OF THE INCIDENCE OF CIRCULATORY DISEASES IN THE ADULT POPULATION OF THE GOMEL REGION**
Gorbenkova L.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 69. HEALTHY LIFESTYLE AS AN INVESTMENT IN THE FUTURE**
Nekrasova T., Meliukh O., Chigir S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 70. EFFECT OF AIR POLLUTION ON DEVELOPMENT OF BRONCHIAL ASTHMA**
Bokhvalova A., Rusakovich A., Kulagina D., Kakhanovich E., Levchenko K., Chigyr S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 71. IMMUNOHISTOCHEMICAL DETERMINATION OF THE EXPRESSION OF INDIVIDUAL TISSUE ANTIGENS IN GASTROINTESTINAL STROMAL TUMORS**
Badylevich A., Smolyakova R., Shpadaruk E.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

72. ANALYSIS OF THE INCIDENCE OF THE GENITOURINARY SYSTEM OF THE POPULATION IN THE REPUBLIC OF BELARUS

Ilyankova K., Kravchenko V.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

73. FEATURES OF ONCOGENESIS AND LIMITATIONS OF ANTITUMOR THERAPY IN CHILDREN WITH LOUIS-BAR SYNDROME

Sokolova Y., Bobovich E., Badylevich A.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

74. THE EFFECT OF SUSPENDED PARTICLES ON TYPE 2 DIABETES

Polonskaya N., Chebotarev D., Rossolov A., Chigir S.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

75. USE OF PROBIOTIC BACTERIA OF THE GENUS LACTOBACILLUS FOR THE TREATMENT OF DERMATOLOGICAL DISEASES

Muzychenko A., Gritskevich E.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

76. EFFECT OF TURMERIC EXTRACT FROM DIFFERENT MANUFACTURERS ON THE GROWTH OF COMMON BACTERIA

Proskuryakova A., Bogdanova N., Stepuk D., Maltsev M.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

77. COMPARATIVE ANALYSIS OF ACTIVE SITES OF CYTOCHROME P450 ISOFORMS

Yanukovich M., Bakunovich A.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

78. QUANTITATIVE ASSESSMENT OF RESPIRATORY DISTORTIONS OF TUMOR VOLUME DURING PET/CT IMAGING

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79. ANALYSIS OF CLINICAL DATA AND EGFR/HER-2/NEU EXPRESSION LEVELS IN PATIENTS WITH BRAIN-DEAD STATUS FOLLOWING GASTRIC CANCER

Zhang Yu, Shpadaruk E., Smolyakova R.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

80. LABORATORY DIAGNOSIS OF ALZHEIMER'S DISEASE

Buiko V., Atrosh S., Tarasova E.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

- 81. THE ROLE OF AIR POLLUTION IN THE DEVELOPMENT AND EXACERBATION OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE**
Shalunova A., Chigir S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 82. COMPARATIVE ANALYSIS OF DISEASE-FREE SURVIVAL IN PATIENTS WITH DIFFERENT MOLECULAR-BIOLOGICAL SUBTYPES OF BREAST CANCER**
Kushner A., Shpadaruk E., Smolyakova R.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 83. EFFECTIVENESS OF ZOLEDRONIC ACID IN IMPROVING BONE MINERAL DENSITY IN PROSTATE CANCER PATIENTS RECEIVING ANDROGEN DEPRIVATION THERAPY: A SYSTEMATIC REVIEW AND META-ANALYSIS**
Bai L., Huawu Li, Petrenko S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 84. CT/MRI-BASED FINITE ELEMENT MODEL CONSTRUCTION AND BIOMECHANICAL ANALYSIS OF ACETABULAR QUADRILATERAL FRACTURES**
Huawu Li, Bai L., Petrenko S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 85. RETROSPECTIVE ANALYSIS OF THE INCIDENCE OF DIGESTIVE DISEASES IN THE ADULT POPULATION OF BOBRUISK (2019-2023)**
Khokhol I.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 86. MOLECULAR AND GENETIC ASSESSMENT OF BRCA1, BRCA2, AND CYP2C8.3 GENE POLYMORPHISMS IN PATIENTS WITH ADVANCED OVARIAN CANCER**
Starova K., Smolyakova R., Shpadaruk E.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 87. DEVELOPMENT OF A DEVICE FOR EXPERIMENTAL ASSESSMENT OF THE FIXATION CHARACTERISTICS OF AUXILIARY DEVICES FOR SIMULATION OF RADIATION MAMMARY GLAND**
¹Polevich V., ²Petkevich M., ³Chikova T.
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- 88. ANALYSIS OF MORBIDITY IN THE CHILDREN'S POPULATION SERVED BY THE BOBRUISK CITY CHILDREN'S POLYCLINIC No. 2**
Shmygun E.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 89. ANTHROPOGENETIC POTENTIAL OF GAME SPORTS ATHLETES (USING YOUNG HOCKEY PLAYERS AS AN EXAMPLE)**
Kurnosava V.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 90. ENVIRONMENTAL IMPACT ON WOMEN'S REPRODUCTIVE HEALTH**
Kazakevich A., Kokorina N., Alferovich E.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 91. THE INFLUENCE OF THE CHEMICAL STRUCTURE OF DEXTRAN- AND POLY-N-ISOPROPYLACRYLAMIDE-BASED STAR COPOLYMERS ON THE ADSORPTION OF TETRAPYRROLE COMPOUNDS**
Kablov I.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 92. COMPARATIVE ANALYSIS OF THE CONTRIBUTION OF COL1A1 AND COL1A2 GENES TO THE DEVELOPMENT OF OSTEOGENESIS IMPERFECTA IN BELARUSIAN PATIENTS**
Kavaleuskaya P., Marozik P.
Belarusian State University, Minsk, Republic of Belarus
- 93. STUDY OF THE EFFECT OF ELECTROMAGNETIC RADIATION (RADIO FREQUENCY - 39.5 GHZ, WAVELENGTH - 7.5 MM) ON THE HEMATOLOGICAL CHARACTERISTICS OF AN ORGANISM IRRADIATED AT A DOSE OF 1 GU**
Bushkevich N., Bulanava K.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 94. DEMOGRAPHIC AND BMI CHARACTERISTICS OF HEMODIALYSIS PATIENTS IN IRAQI PATIENTS INFECTED WITH HEPATITIS B VIRUS**
Ammar H., Bakunovich A.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 95. BIOMONITORING OF SOIL IN THE CITY OF GOMEL WITH THE HELP OF CLOVER**
Levchenko K., Shpadaruk E., Smolyakova R.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

- 96. EPIDEMIOLOGICAL ANALYSIS OF POTENTIALLY MALIGNANT DISEASES OF THE ORAL CAVITY IN THE REPUBLIC OF BELARUS**
Antonovich D., Pisarik V., Kolyadich Zh.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 97. INFLUENCE OF ENVIRONMENTAL FACTORS ON THE DEVELOPMENT OF ANEMIA**
Vashchylo Y.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 98. STIMULATING EFFECT OF LOW-INTENSITY LASER IRRADIATION ON GROWTH PROCESSES OF SOLANACEAE CROPS UNDER VIRAL INFECTION**
Kravchenko V., Osipova O.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 99. MODERN METHODS OF EPILEPSY DIAGNOSIS**
Hryhoryeva V., Shylau V.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 100. CHARACTERISTIC OF POLLUTANTS IN THE ATMOSPHERIC AIR OF BELARUS**
Petrochenko A., Yurkevich M.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 101. DISEASES ASSOCIATED WITH GROWTH HORMONE DEFICIENCY**
Khmelnitskaya D., Shulgina K., Chigir S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 102. ANTIBACTERIAL ACTIVITY OF BAZIRON AGAINST CUTIBACTERIUM ACNES (PROPIONIBACTERIUM ACNES) AND STAPHYLOCOCCUS EPIDERMIDIS**
Linich A., Scorina N., Tarasova E.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 103. LOW-MOLECULAR INHIBITORS FACTOR XII / XIIa**
Kot A., Bakunovich A.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 104. LEAD AS A CAUSE OF CHRONIC KIDNEY DISEASE**
Petrenko M., Chigir S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 105. SYNTHESIS OF SECO-NUCLEOSIDES**
Khmelnitskaya D., Goroshko P., Vatsura V., Kvasyuk E.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

106. CLINICAL, BIOCHEMICAL AND PATHOMORPHOLOGICAL FEATURES OF LIPOPOLYSACCHARIDE-INDUCED ACUTE LUNG INJURY

Skorina N., Linich A.

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107. NEURODEGENERATION: EFFECT OF EXOGENOUS TOXINS AND CHRONIC STRESS

Davidovich A., Yushkevich V., Chigir S.

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108. POTENTIAL OF THE PRECIPITATION METHOD FOR DETECTION OF CIRCULATING IMMUNE COMPLEXES OF DIFFERENT SIZES

Yushkevich V., Yurkevich M.

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109. COMBINED EFFECT OF THE POLYPHENOL G-11 AND Mg^{2+} ON CALCIUM TRANSPORT IN RAT BRAIN SYNAPTOSOMES

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110. MODERN CONCEPTS OF THE EFFECTS OF LOW DOSES AND LOW-INTENSITY IONIZING RADIATION ON A LIVING ORGANISM

Bushkevich N., Bulanava K.

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111. QUANTUM-CHEMICAL MODELING OF (R)-2-AMINO-5-OXO-4-(5-PHENYLISOXANOL-3-YL)-4,5,6,7-TETRAHYDROCYCLOPENTA[B]PYRAN-3-CARBONITRILE

Kurkova A., Atroshko M., Shahab S.

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112. ANTIBACTERIAL ACTIVITY OF HEXANE EXTRACT OF SAUSSUREA COSTUS

Baruta S., Tarasova E., Bogdanova N.

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113. MALIGNANT NEOPLASMS OF THE MAMMARY GLAND. EARLY DIAGNOSTICS AND PREVENTION

Malash A., Shavalda Y.

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114. BIOELEMENT STATUS OF YOUNG PEOPLE IN TURKMENISTAN

Tagarchikov B., Zhyltsova Yu.

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115. ACHONDROPLASIA IN CHILDREN

Shulhina K., Cocorina N.

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116. COMPARATIVE ANALYSIS OF THE EFFECT OF ANTIBIOTICS AND PLANT EXTRACTS ON PATHOGENIC AND SYMBIOTIC GUT MICROBIOTA

Timoshkova E., Fursik S., Muzychenko B., Ikonnikova N.

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117. EFFECTS OF THE HEAVY METAL LEAD ON THE HUMAN BODY

Rassolau A., Bulanova K.

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118. BIOELEMENT STATUS OF YOUNG PEOPLE IN AFRICA

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119. PHYSIOLOGICAL ROLE OF HORMONES IN THE REGULATION OF METABOLISM AND PROTEIN SYNTHESIS

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120. ISOLATION OF FRUIT-ROTTING MICROORGANISMS AND IDENTIFICATION OF THEIR ANTAGONISTS

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121. SELECTION OF CULTURE MEDIA AND DISHES AS A TOOL FOR OPTIMIZING CULTIVATION CONDITIONS AND IMPROVING THE QUALITY OF PREIMPLANTATION EMBRYOS IN IVF.

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122. EFFECT OF LUTEOLIN ON THE FORMATION OF MALONIC DIALDEHYDE UNDER OXIDATIVE STRESS

¹Payzieva O., ²Abdulhamidova Sh., ³Ergashev N., ³Yo'ldoshev B., ³Komilov E., ³Asrarov M.

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POSTER PRESENTATIONS

1. FEATURES OF THE INCIDENCE OF ORAL AND PHARYNGEAL CANCER IN THE MALE AND FEMALE POPULATION OF THE REPUBLIC OF BELARUS

Yurevich K., Shylau V.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

2. ANALYSIS OF PRIMARY MORBIDITY IN THE ADULT POPULATION OF THE MOLODECHNOYE DISTRICT IN 2020-2024

Sitsko A.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

3. RETROSPECTIVE ANALYSIS OF THE INCIDENCE OF DIABETES MELLITUS IN MINSK

Sashko K., Kuzmitskaya A.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

4. RETROSPECTIVE ANALYSIS OF TUBERCULOSIS MORBIDITY OF THE POPULATION OF THE REPUBLIC OF BELARUS

Prud M.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

5. RETROSPECTIVE ANALYSIS OF THE INCIDENCE OF DIABETES MELLITUS IN THE REPUBLIC OF BELARUS

Kuzmitskaya A., Sashko K.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

6. RESEARCH ADVANCES IN GREEN EXTRACTION TECHNOLOGIES FOR PLANT-DERIVED MEDICINES

Su C.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

7. RETROSPECTIVE ANALYSIS OF THE INCIDENCE OF CIRCULATORY DISEASES IN THE GORETSKY DISTRICT

Bakurova A.

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Section 3, website youtube.com

PROBLEMS OF MODERN ENVIRONMENTAL SAFETY (BIO-MONITORING, BIO-INDICATION, BIOREMEDIATION, RADIOECOLOGY AND RADIATION SAFETY, ENVIRONMENTAL MONITORING, MANAGEMENT AND AUDIT. INFORMATION SYSTEMS AND TECHNOLOGIES IN ECOLOGY)

Chairman: Golovatiy S.E. – Doctor of Science in Agriculture, Head of the Chair of Environmental Monitoring and Management, ISEU BSU;

Co-Chairman: Kopicaya V.N. – Ph.D. in Biology, Associate Professor of the Chair of Environmental Monitoring and Management, ISEU BSU;

Secretary: Emelyanenko N.V. – Deputy Dean of the Faculty of Environmental Monitoring for Ideological and Educational Work, ISEU BSU.

ORAL PRESENTATION

1. KISSPEPTIN-10 INHIBITS PAPILLARY THYROID CANCER PROGRESSION BY REGULATING P38 MAPK/P53 AND VEGF SIGNALING PATHWAYS

Lu Y., Petrenko S.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

2. USING ARTIFICIAL INTELLIGENCE TO MONITOR QUALITY AND RESTORATION OF SURFACE WATER RESOURCES

Shi Z., Rodzkin A.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

3. IMPACT AND PREDICTION OF CLIMATE CHANGE ON BIODIVERSITY AND ECOLOGICAL PROCESSES IN MOUNTAIN GLACIER ECOSYSTEMS

Xiu D., Zhuravkov V.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

4. AIR POLLUTION CHARACTERISTICS AND THEIR RELATIONSHIP WITH METEOROLOGICAL FACTORS IN SHANXI PROVINCE

Deng H., Tonkonogov B.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

- 5. ANALYSIS OF ENVIRONMENTAL IMPACT OF PHOSPHORUS FERTILIZER PRODUCTION WASTE STORAGE FACILITIES ON SOIL COVER**
Brahin I., Golovaty S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 6. ENERGY EFFICIENCY OF A SMALL HYDROPOWER PLANT ON THE COLD WATER RETURN CHANNEL OF A NATURAL-DRAFT EVAPORATIVE COOLING TOWER AT THE NUCLEAR POWER PLANT**
Cherkashev A., Artsiamchuk S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 7. ECOLOGICAL REHABILITATION OF POST-INDUSTRIAL TERRITORIES: FROM MAN-MADE LANDSCAPES TO SUSTAINABLE URBAN ECOSYSTEMS**
Khaenasova A.
Peoples' Friendship University of Russia named after Patrice Lumumba, RUDN, Moscow, Russia
- 8. BIOMONITORING OF URBANIZED TERRITORIES AS A TOOL FOR ASSESSING THE ECOLOGICAL SAFETY OF MAN-MADE ECOSYSTEMS**
Pukhalina S.
Peoples' Friendship University of Russia named after Patrice Lumumba, RUDN, Moscow, Russia
- 9. POCKET PARKS EMPOWER SUSTAINABLE URBAN DEVELOPMENT**
Yiwen W.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 10. OPTIMIZATION RESEARCH ON LOW-CARBON AND HIGH-EFFICIENCY WATER TREATMENT SYSTEMS INTEGRATING AI AND MEMBRANE TREATMENT TECHNOLOGY**
WangKe, Kapitsa U.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 11. RESEARCH OF PHYSICAL AND CHEMICAL PROPERTIES OF SOIL IN AREAS OF POTASH PRODUCTION**
¹Borisevich A., ¹Khromchenko P., ¹Pinchuk T., ²Zelenukho E., ²Skuratovich I.
¹*Belarusian State University, ISEI BSU, Minsk, Republic of Belarus*
²*Belarusian National Technical University, Minsk, Republic of Belarus*
- 12. ENVIRONMENTAL DEVELOPMENT RATING DYNAMICS OF THE REGIONS OF THE REPUBLIC OF BELARUS FOR 2020–2023**
Brahin I., Golovaty S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

- 13. REVIEW OF CHERNOBYL CONTAMINATION REMEDIATION AND ENVIRONMENTAL MONITORING IN BELARUS**
Zhu K., Shalkevich P.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 14. NEURAL NETWORKS ARCHITECTURES FOR PREDICTING POLLUTANT MIGRATION IN SOIL**
Nikolaenko E., Shalkevich P., Minaeva E.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 15. ELEMENTAL COMPOSITION OF GERMAN CHAMOMILE (MATRICARIA RECUTITA L.)**
Achilova G., Zhiltsova Y.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 16. ALUMINUM IN SOILS. BIOECOLOGICAL ASPECT**
Kuzmich K., Golovaty S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 17. APPLICATION OF BRACKET FUNGUS IN ECO-LEATHER PRODUCTION**
Melnikova M.
Moscow State Institute of International Relations, Moscow. Russia
- 18. REDUCING ENVIRONMENTAL RISKS IN THE WATER TREATMENT SYSTEM OF ENERGY PLANTS**
Kulagina T., Bashun V.
Siberian Federal University, Krasnoyarsk, Russian Federation
- 19. MOLECULAR GENETIC METHODS FOR SEX DETERMINATION IN POPULATION OF THE EURASIAN BEAVER**
Salavei A.
State Scientific and Production Association Scientific and Practical Center for Bioresources of the National Academy of Sciences of Belarus, Minsk, Republic of Belarus

ABSENTEE PARTICIPATION

- 1. ECHINOCYSTIS (ECHINOCÝSTIS LOBÁTA) AND ITS DISTRIBUTION IN BELARUS**
Liakh Yu., Klimkova S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

- 2. POCKET PARKS EMPOWER SUSTAINABLE URBAN DEVELOPMENT**
Yiwen W.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 3. A COMPARATIVE ANALYSIS OF IMAGE GENERATION PLATFORM: CAPABILITITES, WORKFLOWS, AND ECONOMIC EFFICIENCY**
Podhaiskaya Y.
Belarusian National Technical University, FMME, Minsk, Republic of Belarus
- 4. GEOECOLOGICAL ASSESSMENT OF SOIL POLLUTION ON TEMPORARY SNOW STORAGE SITES IN MINSK**
Gubskaya A., Kovalchik N.
Faculty of Geography and Geoinformatics of Belarusian State University, Minsk, Republic of Belarus
- 5. COMPREHENSIVE MORPHO-ANATOMICAL ANALYSIS OF HARDWOOD AS A PROMISING METHOD FOR BIOINDICATION OF URBAN ECOSYSTEM STATE**
Zanko J., Chernetskaya A.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 6. ANALYSIS OF THE DEVELOPMENT OF THE GREEN ECONOMY IN CHINA**
Dongjian, Golovatyi S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 7. ANALYZING ENVIRONMENTAL POLLUTANTS, AFFECTING FERROPTOSIS, THEIR POSSIBLE CONSEQUENCES AND PREVENTION STRATEGIES**
Geldimamedov Ch., Koval A.
Gomel State Medical University, Gomel, Republic of Belarus
- 8. ECOLOGY AS AN AREA OF APPLICATION OF NEUROMODELING**
Kuvik I., Borzenetz D., Zagrekova A., Fralou A.
Belarusian state university of foreign languages, Minsk, Republic of Belarus
- 9. AGRICULTURAL CROPS AND THEIR TROPHIC IMPORTANCE FOR THE CONSERVATION OF WILD ANIMALS AND BIRDS POPULATIONS IN BELARUS**
Liakh Yu., Nekrasova T., Melyuh O.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 10. RARE EARTH MATERIALS, THEIR PROPERTIES AND APPLICATIONS**
Krasovsky V., Vasin A., Melekhovets M.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

- 11. DIVERSITY OF MITOCHONDRIAL DNA IN THE NOBLE CRAYFISH (ASTACUS ASTACUS) IN BELARUS**
Śliwińska K.
Scientific and Practical Center for Bioresources, National Academy of Sciences of Belarus, Minsk, Republic of Belarus
- 12. IMPROVING THE ENERGY EFFICIENCY OF LASER CUTTING STEEL MATERIALS USING HYDROABRASIVE PRETREATMENT**
Oganesyan D., Bizhan U., Kolyada V., Chistokletova S., Belyavsky D., Basich E.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 13. THE RELATIONSHIP BETWEEN THE LEVEL OF HEAVY METAL CONTAMINATION IN DRINKING WATER AND THE PREVALENCE OF URINARY TRACT DISEASES**
Burak V., Chigir S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 14. CARBON AEROGEL FROM COTTON AS EFFICIENT AND RECYCLABLE SORBENT FOR OIL WASTE**
^{1,2}A. Bahdanava, ¹G. Gorokhov, ¹N. Valynets, T. ¹Kulahava
¹*Institute for Nuclear Problems of Belarusian State University, Minsk, Republic of Belarus*
²*Belarusian State University, ISEI BSU, Minsk, Republic of Belarus*
- 15. DECISION-MAKING IN ECOLOGY: HOW GIS TECHNOLOGIES HELP MANAGE ENVIRONMENTAL QUALITY**
Ludchik A.
Belarusian National Technical University, Minsk, Republic of Belarus
- 16. MOLECULAR GENETIC METHODS FOR SEX DETERMINATION IN POPULATION OF THE EURASIAN BEAVER**
Salavei A.
State Scientific and Production Association "Scientific and Practical Center for Bioresources of the National Academy of Sciences of Belarus", Minsk, Republic of Belarus
- 17. ENVIRONMENTAL RISKS ASSOCIATED WITH NUCLEAR POWER**
Adamovich I.
Belarusian National Technical University, Minsk, Republic of Belarus
- 18. PROSPECTS FOR USING CHEMICAL NICKEL PLATING WASTE AS MODIFIERS FOR SILUMINS**
Stanchyk I., Shmakau Y., Gusakova O.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 19. IRON AVAILABILITY OF YOUNG PEOPLE IN MINSK**
Melnikova A., Zhyltsova Yu.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

- 20. DUST-FILTERING CAPACITY OF WOODY PLANTS USING THE EXAMPLE OF THE LOSHITSKY ESTATE AND PARK COMPLEX IN MINSK**
Strigelskaya N., Kravchenya N., Chernetskaya A.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 21. SPECIES DIVERSITY OF ANURAN AMPHIBIANS IN THE LOYEV DISTRICT**
Shumigai A.
Francisk Skorina Gomel State University, Gomel, Republic of Belarus
- 22. TOXIC SUBSTANCES IN THE ENVIRONMENT AND THEIR RELATIONSHIP WITH CANCER**
Part S., Melnik K., Babariko R., Chigir S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 23. ASSESSMENT OF THE OCCURRENCE OF AUXOTROPHIC FORMS OF SANITARY-INDECENT MICROORGANISMS IN SOILS OF RECREATIONAL AREAS OF MINSK**
Shalunova A., Gritskevich E., Serchenya V.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 24. CRITERIA FOR SELECTING THE REFERENCE PERSON AND REPRESENTATIVE PERSON FOR ASSESSING RADIATION DOSES FROM TRITIUM IN VARIOUS EXPOSURE SITUATIONS**
^{1,2,3}Skibinskaya H.
¹*Belarusian State University, ISEI BSU, Minsk, Republic of Belarus*
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³*Republican center for hygiene, epidemiology and public health, Minsk, Republic of Belarus*
- 25. ANALYSIS OF ESTIMATES OF THE ECONOMIC VALUE OF ECOSYSTEM SERVICES**
Golovenchits A.
Institute of International Trade and Sustainable Development, Moscow State Institute of International Relations, IMTUR MGIMO University, Moscow, Russia
- 26. INFLUENCE OF SALINITY AND IONIZING RADIATION FACTORS ON AGRICULTURAL PLANTS: WINTER RAPESEED**
Melnik K., Sheverdov V.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

POSTER PRESENTATIONS

1. DEVELOPMENT OF AN INTEGRATED MONITORING SYSTEM FOR VEGETATION HEALTH AND ILLEGAL LANDFILL DETECTION USING UAV AND SATELLITE REMOTE SENSING

Volosyuk E.

The Faculty of biology and biotechnology, BSU, Minsk, Republic of Belarus

2. DETERMINATION OF THE ACTIVITY OF NATURAL RADIONUCLIDES BY GAMMA SPECTROMETRY

Filichkina A., Dashkevich T.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

3. EFFECTS OF HEAVY METAL EXPOSURE ON OXIDATIVE STRESS IN HEPG2 CELLS

Zheng J.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

4. DEVELOPMENT OF AQUACULTURE EFFLUENT TREATMENT IN WATER ENVIRONMENT PREVENTION AND CONTROL

Zheng J.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

5. MECHANISM ANALYSIS OF MULTI-OMICS INTEGRATION IN SOIL MICROPLASTIC-HEAVY METAL COMBINED POLLUTION MONITORING

Wang X.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

Section 4, website [youtube.com](https://www.youtube.com)

BIOINFORMATICS

Chairperson: Shahab S. – Doctor of Chemical Sciences, Head of the Chair of Environmental Chemistry and Biochemistry, ISEU BSU;

Co-Chairperson: Bakunovich A.V. – Ph.D. in Biology, Associate Professor of the Chair of Environmental Chemistry and Biochemistry, ISEU BSU;

Secretary: Stepanova E.N. – Specialist the Chair of Environmental Chemistry and Biochemistry, ISEU BSU.

ORAL PRESENTATION

1. INVESTIGATION OF ELECTRICAL PROPERTIES AND ANTIOXIDANT ACTIVITY OF TENTOXIN

Zayats V., Shahab S.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

2. DEPENDENCE OF THE STANDARD DEVIATION AND COEFFICIENT OF VARIATION ON MEAN HEIGHT

¹Makovetskaya A., ²Ivanyukovich V.

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3. AUTOMATED SCHEDULE PARSING AND NOTIFICATION THROUGH TELEGRAM BOT

Logvin T., Lefanova I.

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ABSENTEE PARTICIPATION

1. IN SILICO STRUCTURAL ANALYSIS OF ABC TRANSPORTERS FROM BREVI-CORYNE BRASSICAE

Bogutskii A., Voronova-Bartet N.

Belarusian State University, Minsk, Republic of Belarus

2. SYNTHESIS OF 8-BROMO DERIVATIVES OF PURINE NUCLEOSIDES

Buiko V., Gladkaya A., Piskun M., Babariko R., Kvasnyuk E.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

3. MOLECULAR DOCKING STUDY OF MENIN

Shih Hsuan C., Bakunovich A.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

4. HUMO AND LUMO ZONES OF CHALCON DERIVATIVE ANALYSIS

Goreglyad D., Shahab S.

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5. MOLECULAR DOCKING OF PHE-GLY-GLY TRIPEPTIDE WITH HUMAN NICOTINIC $\alpha 4\beta 2$ RECEPTOR ID:5KXI

Zhybul D., Shahab S.

Belarusian State University, ISEI BSU, Minsk, Republic of Belarus

- 6. COMPARATIVE ANALYSIS OF PHASE II GENES OF THE PROCESS OF BIOTRANSFORMATION OF XENOBIOTICS IN THE GENOMES OF APHIDS WITH DIFFERENT FOOD SPECIALIZATION**
Makarova D., Rabchun A., Voronova-Bartet N.
Belarusian State University, Minsk, Republic of Belarus
- 7. REGULATORY REGIONS MAPPING IN THE GENOME OF PRIMARY ENDOSYMBIONT OF MACROSIPHUM ROSAE – BUCHNERA APHIDICOLA**
Yakhnitskaya E., Meshich N., Voronova-Bartet N.
Belarusian State University, Minsk, Republic of Belarus
- 8. VIRTUAL SCREENING OF murA INHIBITORS BY MOLECULAR DOCKING**
Shang F., Bakunovich A.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 9. APPLICATIONS AND ADVANCES OF DEEP LEARNING IN DRUG DISCOVERY**
Shang F., Wang H., Bakunovich A.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 10. PHYSICOCHEMICAL AND BIOLOGICAL PROPERTIES OF METFORMIN**
Kovalchuk L., Shahab S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 11. IN SILICO AND DFT INVESTIGATION OF MOLECULES PREVENTING INSULIN AGGREGATION IN TYPE II DIABETES**
Padbiarozkina A., Shahab S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 12. DOCKING OF C-MET PROTEIN WITH CABOZANTINIB ZGWATINIB AND TIVANTINIB**
Ziyi Q., Bakunovich A.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 13. BIOLOGICAL ACTIVITY OF DEHYDROCOSTUS LACTONE COMPOUND**
Baruta S., Shahab S., Tarasova E., Bogdanova N.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 14. COMPARATIVE ANALYSIS OF THE NUCLEOTIDE COMPOSITION IN THE MI-TOCHONDRIAL GENOMES OF ACYRTHOSIPHON CARAGANAE AND BREVI-CORYNE BRASSICAE**
Levykina S., Shved A.
Belarusian State University, Minsk, Republic of Belarus

- 15. PHYSICOCHEMICAL PARAMETERS AND ANTIOXIDANT ACTIVITY STUDY OF ARTEMETIN FROM THE MEDICINAL PLANT ARTEMISIA ABSINTHIUM L. BY IN SILICO METHOD**
Tsikalo M., Tarasova E., Shahab S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 16. QUANTUM-CHEMICAL MODELING OF THUJOL FROM ARTEMISIA ABSINTHIUM L. ESSENTIAL OIL BY THE SEMI-EMERIC METHOD PM6**
Tsikalo M., Tarasova E., Shahab S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 17. COMPARATIVE ANALYSIS OF THE GEOMETRIC PARAMETERS OF THEOBROMINE AND CAFFEINE MOLECULES**
Burak V., Shahab S.
Belarusian State University, ISEI BSU, Minsk, Republic of Belarus
- 18. STRUCTURAL MODELING OF AN ABC TRANSPORTER IN MYZUS PERSICAE**
Levykina S., Loktseva V.
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FOR NOTES

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