



MOLDOVA STATE UNIVERSITY
Center of Functional Genetics, Faculty of Biology and Pedology
Doctoral School in Biological, Geonomic, Chemical and Technological Sciences
Scientific Association of Geneticists and Breeders of the Republic of Moldova

The National Conference with international participation

**LIFE SCIENCES IN THE DIALOGUE
OF GENERATIONS:
CONNECTIONS BETWEEN
UNIVERSITIES, ACADEMIA AND
BUSINESS COMMUNITY**

September 29-30, 2022, Chisinau, Republic of Moldova

PROGRAMME

Chisinau, 2022

Dear _____

We are pleased to invite you to the scientific conference entitled “*LIFE SCIENCES IN THE DIALOGUE OF GENERATIONS: CONNECTIONS BETWEEN UNIVERSITIES, ACADEMIA AND BUSINESS COMMUNITY*”, which will take place on September 29-30, 2022.

Venue: *Moldova State University, Conference Hall, 55/4 Hancesti Str.*

ORGANIZERS

Moldova State University

Center of Functional Genetics, Faculty of Biology and Pedology

Doctoral School in Biological, Geonomic, Chemical and Technological Sciences

Scientific Association of Geneticists and Breeders of the Republic of Moldova

SCIENTIFIC COMMITTEE

Chair

DUCA Maria, Prof. Dr. Sci., *Republic of Moldova*

Members

ANDRONIC Larisa, Dr. Sci., Assoc. Prof., *Republic of Moldova*

ARICU Aculina, Dr. Sci., Prof., *Republic of Moldova*

ARSENE Cecilia, Ph. D., Assoc. Prof., *Romania*

BEJENARU Luminita, Dr. Sci., Prof., *Romania*

CEPOI Liliana, Ph. D., Assoc. Prof., *Republic of Moldova*

COROPCEANU Eduard, Ph. D., Assoc. Prof., *Republic of Moldova*

GLADCHI Viorica, Ph. D., Assoc. Prof., *Republic of Moldova*

JORDAN Alexandra Raluca, Ph. D., Prof., *Romania*

MEREUTA Ion, Dr. Sci., Prof., *Republic of Moldova*

NICOARA Igor, Ph. D., Assoc. Prof., *Republic of Moldova*

ROSCA Ion, Ph. D., Assoc. Prof., *Republic of Moldova*

SOCHIRCA Vitalie, Ph. D., Assoc. Prof., *Republic of Moldova*

STEGARESCU Vasile, Ph. D., Assoc. Prof., *Republic of Moldova*

UNGUREANU Laurentia, Dr. Sci., Prof., *Republic of Moldova*

ORGANIZING COMMITTEE

Chair

DUCA Maria, Prof. Dr. Sci.

Members

CLAPCO Steliana, Ph. D., Assoc. Prof.

MARTEA Rodica, Ph. D., Assoc. Prof.

PORT Angela, Ph. D., Assoc. Prof.

SEVERIN Maricela

PROGRAMME

SEPTEMBER, 29

Moldova State University, Conference Hall, Hancesti 55/4 Str.

| | |
|-------------------------------------|---|
| 9 ⁰⁰ – 10 ⁰⁰ | REGISTRATION |
| 10 ⁰⁰ – 10 ⁴⁰ | OPENING CEREMONY Welcoming Speech from Rector of Moldova State University, Ph. D., Assoc. Prof. SAROV Igor |
| 10 ⁴⁰ – 14 ⁰⁰ | PLENARY SESSION Chairs: DUCA Maria, STEPANOV Georgeta, GLADCHII Viorica, SOCHIRCA Vitalie <i>Moldova State University, Conference Hall, Hancesti 55/4 Str.</i> Join Zoom Meeting: https://us02web.zoom.us/j/86297496399?pwd=bkFWMWhhaUdWSkovTUU3UmorSElWdz09 |
| 10 ⁴⁰ – 11 ⁰⁰ | Joita-Pacureanu Maria - Invited speaker IMPROVING SUNFLOWER CROP BIODIVERSITY, BY CREATING NEW, MORE PERFORMANT GENOTYPES |
| 11 ⁰⁰ – 11 ¹⁵ | Bacal Svetlana CONTRIBUTIONS TO THE STUDY OF SAPROXYLIC BEETLES (INSECTS: COLEOPTERA) FROM THE REPUBLIC OF MOLDOVA |
| 11 ¹⁵ – 11 ³⁰ | Bejan Iurie REALIZATION OF THE LAND COVER MAP FOR THE REPUBLIC OF MOLDOVA FOR THE PURPOSE OF ENVIRONMENTAL MONITORING |
| 11 ³⁰ – 11 ⁴⁵ | Cepoi Liliana COPPER COMPOUNDS AS STRESS FACTORS AND REGULATORS IN PHYCOBIOTECHNOLOGY |
| 11 ⁴⁵ – 12 ⁰⁰ | Ciocarlan Alexandru PRELIMINARY PHYTOCHEMICAL ANALYSIS OF CRUD EXTRACT FROM TANACETUM CORYMBOSUM (L.) SHI. BIP. |
| 12 ⁰⁰ – 12 ³⁰ | Coffee break |
| 12 ³⁰ – 12 ⁴⁵ | Clapco Steliana GENETIC DIFFERENTIATION AND RELATIONSHIPS OF <i>OROBANCHE CUMANA</i> POPULATIONS FROM DIFFERENT SUNFLOWER PRODUCING COUNTRIES |
| 12 ⁴⁵ – 13 ⁰⁰ | Climenco Oxana VARIABILITY OF QUANTITATIVE TRAITS OF CORN HYBRIDS AND INBRED LINES UNDER DROUGHT AND SALINITY |
| 13 ⁰⁰ – 13 ¹⁵ | Gherasim Elena THE ROLE OF <i>PELOPHYLAX RIDIBUNDUS</i> (PALLAS, 1771) IN THE FORMATION AND MAINTENANCE OF PARASITIC ZOONOSES |
| 13 ¹⁵ – 13 ³⁰ | Port Angela DIFFERENTIAL GENES EXPRESSION UNDER ANTERO- AND RETROGRADE CONTROL IN SUNFLOWER MICROSPOROGENESIS |
| 13 ³⁰ – 13 ⁴⁵ | Trofim Alina ANTIMICROBIAL ACTIVITY OF POLYSACCHARIDE-CONTAINING SPIRULINA EXTRACTS |
| 13 ⁴⁵ - 14 ⁰⁰ | Discussions |
| 14 ⁰⁰ - 15 ⁰⁰ | Lunch break |
| 15 ⁰⁰ – 17 ⁰⁰ | THEMATIC SESSIONS |

A. PLANT GENETICS, BREEDING AND PROTECTION

Chairs: **ANDRONIC Larisa, LUPASCU Galina, COTENCO Eugenia**

Moldova State University, Conference Hall, Hancesti 55/4 Str.

-
- 15⁰⁰ – 15¹⁰** **Makovey Milania**
USING MUTANT *ls* AND *br* GENES OF TOMATO TO CREATE A NEW SOURCE MATERIAL
-
- 15¹⁰ – 15²⁰** **Stingaci Aurelia**
BIOPESTICIDES - AN ALTERNATIVE AND ECO-FRIENDLY SOURCE FOR THE CONTROL OF PESTS
-
- 15²⁰ – 15³⁰** **Balmuş Zinaida**
PERFORMAND NEW VARIETIES OF *SALVIA SCLAREA* (CLARY SAGE)
-
- 15³⁰ – 15⁴⁰** **Batiru Grigore**
PECULIARITIES OF STORAGE PROTEIN POLYMORPHISM IN THE ENDOSPERM OF MUTANT MAIZE LINES
-
- 15⁴⁰ – 15⁵⁰** **Elisovetcaia Dina**
ADAPTIVE CAPACITY OF THE *FAGUS SYLVATICA* L. POPULATION FROM THE SLOVAK REPUBLIC
-
- 15⁵⁰ – 16⁰⁰** **Pintea Maria**
LOCAL PLUM VARIETIES OF REP. MOLDOVA FOR BREEDING AND PRACTICAL PURPOSES
-
- 16⁰⁰ – 16¹⁰** **Mihaila Victoria**
BIOMORPHOLOGICAL PECULIARITIES OF SOME SPECIES OF THE GENUS *CUPHEA* IN CONDITIONS OF INTRODUCTION
-
- 16¹⁰ – 16²⁰** **Grinincea Vladimir**
ASSESSMENT OF GERMPLASM DIVERSITY USED IN THE MAIZE INBRED LINES DEVELOPMENT
-
- 16²⁰ – 16³⁰** **Savranschii Denis**
EVALUATION OF *SOPHORA FLAVESCENS* EXTRACT FOR COMBAT THE RED MITE (*TETRANYCHUS URTICAE*) TO THE TOMATO CROP IN GREENHOUSE
-
- 16³⁰ – 16⁴⁰** **Erhan Tatiana**
EVALUATION, ESTIMATION AND MONITORING *DIABROTICA VIRGIFERA VIRGIFERA* LE CONTE
-
- 16⁴⁰ – 17⁰⁰** **Discussions**

B. PLANT, ANIMAL AND MICROBIAL BIOTECHNOLOGY

Chairs: **CEPOI Liliana, NASTAS Tudor, VOLOSCIUC Leonid**

Institute of Microbiology and Biotechnology, Academy 1 Str., room 252

-
- 15⁰⁰ – 15¹⁰** **Bivol Alexei**
RESEARCH ON THE INVASIVE IMPACT OF HARMFUL INSECT COMPLEXES ASSOCIATED WITH PARASITIC NEMATODES AND PATHOGENIC VIRUS VECTORS IN PRODUCTIVE PLUM ORCHARDS
-
- 15¹⁰ – 15²⁰** **Chitan Raisa**
INITIATION OF THE *IN VITRO* CULTURE OF THE *MACROCARPON VACCINIUM* AITON VARIETY 'EARLY BLACK'
-
- 15²⁰ – 15³⁰** **Frunzete Mădălina Elena**
TAXUS BACCATA L.-MORPHO-STRUCTURAL CHARACTERS IN SPONTANEOUS AND CULTIVATED TAXA
-
- 15³⁰ – 15⁴⁰** **Mihăşan Marius**
PROTEOMICS ANALYSIS OF NICOTINE METABOLISM REGULATION IN PAENARTHROBACTER NICOTINOVORANS
-

| | |
|-------------------------------------|---|
| 15 ⁴⁰ – 15 ⁵⁰ | Țurcan Olga VIABILITY AND STABILITY OF AQUATIC FUNGI OF BIOTECHNOLOGICAL INTEREST AFTER LYOPHILIZATION |
| 15 ⁵⁰ – 16 ⁰⁰ | Sitnic Veaceslav DENSITY DYNAMICS OF RODENT SPECIES IN AGROCENOSES IN THE REPUBLIC OF MOLDOVA IN 2021 |
| 16 ⁰⁰ – 16 ¹⁰ | Stingaci Aurelia COMPLEX APPLICATION OF <i>BACILLUS SPP.</i> AND BIOREGULATORS FOR THE CONTROL OF PESTS |
| 16 ¹⁰ – 16 ²⁰ | Tofan Elena VALORIZATION OF WINE YEAST SEDIMENTS AS A SOURCE OF LIPID PREPARATIONS |
| 16 ²⁰ – 16 ³⁰ | Țugulea Cristina NEW FAUNISTIC RECORDS OF THE ENDANGERED SPECIES <i>PROSERPINUS PROSERPINA</i> (LEPIDOPTERA: SPHINGIDAE) FROM THE REPUBLIC OF MOLDOVA |
| 16 ³⁰ – 16 ⁴⁰ | Volosciuc Leonid ACTINOBACTERIA AS BIOCONTROL AGENTS FOR COMBATING PEST INSECTS |
| 16 ⁴⁰ – 17 ⁰⁰ | Discussions |

C. MOLECULAR BIOLOGY AND BIOMEDICINE

Chairs: CIOCHINA Valentina, CRIVOI Aurelia, SACARA Victoria

Institute of Sanoecreatology, Academiei 1 Str., room 352

| | |
|-------------------------------------|---|
| 15 ⁰⁰ – 15 ¹⁰ | Crivoi Aurelia IMPACT OF THE PHYTOPREPARATUS APUSET-6 ON THE ENDOCRINE PANCREAS-THYROID AXIS |
| 15 ¹⁰ – 15 ²⁰ | Coliban Iulia THE LINK BETWEEN CLINICAL MANIFESTATIONS OF SMA AND UNBALANCED GENOMIC CHANGES |
| 15 ²⁰ – 15 ³⁰ | Leorda Ana THE PERSPECTIVE OF THE USE OF PREBIOTICS IN METABOLIC DISORDERS |
| 15 ³⁰ – 15 ⁴⁰ | Secu Doina OVERLAP OF CLINICAL MANIFESTATIONS IN MITOCHONDRIAL DISEASES |
| 15 ⁴⁰ – 15 ⁵⁰ | Secu Gheorghe THE BENEFITS OF L-ARGININE IN PREECLAMPSIA |
| 15 ⁵⁰ – 16 ⁰⁰ | Usurelu Dan-Cristian DIFFERENTIATION OF THE FORMS OF PHENYLKETONURIA BASED ON GENETIC DETERMINISM |
| 16 ⁰⁰ – 16 ³⁰ | Discussions |

D. ENVIRONMENT PROTECTION AND NATURAL RESOURCES MANAGEMENT

Chairs: UNGUREANU Laurenția, BEJAN Iurie, BOIAN Ilie

Institute of Zoology, Academiei 1 Str., room 321

| | |
|-------------------------------------|--|
| 15 ⁰⁰ – 15 ¹⁰ | Sochirca Vitalie GEOPAEDOLOGICAL INVESTIGATIONS AT THE ARCHAEOLOGICAL SITE LIPOVENI II- <i>LA NISIPĂRIE</i> FROM CIMISLIA DISTRICT |
| 15 ¹⁰ – 15 ²⁰ | Bejan Iurie THE PARTICULARITIES OF THE SPATIAL DISTRIBUTION OF DEGRADED LANDS IN THE REPUBLIC OF MOLDOVA |

| | |
|---|--|
| 15 ²⁰ – 15 ³⁰ | Nistoreanu Victoria TROPHIC SPECTRUM OF THE LONG-EARED OWL (<i>ASIO OTUS</i>) IN THE REPUBLIC OF MOLDOVA |
| 15 ³⁰ – 15 ⁴⁰ | Grigoraş Nicolae CLIMATIC VULNERABILITY OF FOREST ECOSYSTEMS IN THE EMERALD SITE «PADUREA HINCESTI» THROUGH THE DE MARTONNE INDEX |
| 15 ⁴⁰ – 15 ⁵⁰ | Bogdan Nina BACTERIAL VIABILITY AFTER 15 YEARS STORAGE |
| 15 ⁵⁰ – 16 ⁰⁰ | Bogdan Nina OPEN SCIENCE PRACTICE USED IN STRENGTHENING THE NATIONAL COLLECTION OF NON-PATHOGENIC MICROORGANISMS |
| 16 ⁰⁰ – 16 ¹⁰ | Caraman Natalia INERSPECIFIC BEHAVIOUR BETWEEN <i>APODEMUS FLAVICOLLIS</i> AND <i>APODEMUS SYLVATICUS</i> FEMALES FROM URBAN ECOSYSTEMS OF CHIŞINĂU CITY, REPUBLIC OF MOLDOVA |
| 16 ¹⁰ – 16 ²⁰ | Țugulea Andrian FIXED SOURCES OF ATMOSPHERIC AIR POLLUTION IN THE BALTI URBAN ECOSYSTEM |
| 16 ²⁰ – 16 ³⁰ | Calestru Livia CONTRIBUTIONS TO THE KNOWLEDGE OF LEAF BEETLES (<i>CHRYSOMELIDAE</i>) FROM ALFALFA |
| 16 ³⁰ – 16 ⁴⁰ | Iurcu-Străistaru Elena THE ASSOCIATIVE AND INVASIVE IMPACT CAUSED BY COMPLEXES OF PARASITIC INSECTS AND NEMATODES WITH THE APPLICATION OF CHEMICAL MANAGEMENT IN MAIZE PLANTATIONS UNDER THE CONDITIONS OF THE REPUBLIC OF MOLDOVA |
| 16 ⁴⁰ – 17 ⁰⁰ | Discussions |
| E. CHEMISTRY AND CHEMICAL COMPOUNDS IN BIOLOGY, AGRICULTURE AND MEDICINE | |
| Chairs: ARICU Aculina, DUCA Gheorghe, LUPASCU Tudor <i>Institute of Chemistry, Academiei 3 Str., room 349</i> | |
| 15 ⁰⁰ – 15 ¹⁰ | Bîrcă Natalia SELECTIVE EXTRACTION OF POLYPHENOLIC COMPOUNDS FROM <i>HIPPOPHAE RHAMNOIDES</i> SEEDS |
| 15 ¹⁰ – 15 ²⁰ | Bolocan Natalia STOPPED-FLOW STUDIES OF THE INTERACTION OF DFH ₄ AND ITS DERIVATIVES WITH DPPH* |
| 15 ²⁰ – 15 ³⁰ | Ciocarlan Alexandru CHEMICAL ANALYSIS OF SOME REPRESENTATIVES OF THE FLORA OF MOLDOVA |
| 15 ³⁰ – 15 ⁴⁰ | Lungu Lidia SYNTHESIS OF NEW POTENTIAL ACTIVE HOMODRIMANE SESQUITERPENIDS WITH BENZIMIDAZOLE FRAGMENT |
| 15 ⁴⁰ – 15 ⁵⁰ | Bolocan Natalia ESTIMATION OF ADMET PROPERTIES OF DFH ₄ AND ITS NOVEL DERIVATIVES |
| 16 ⁰⁰ – 16 ³⁰ | Discussions |

9⁰⁰ – 12⁰⁰ THEMATIC SESSIONS

A. PLANT GENETICS, BREEDING AND PROTECTION

Chairs: ANDRONIC Larisa, LUPASCU Galina, COTENCO Eugenia

Moldova State University, Conference Hall, Hancesti 55/4 Str.

9⁰⁰ – 9¹⁰ **Bahsiev Aighiuni**
MOLECULAR DIAGNOSIS OF PHYTOPLASMA IN THE WILD TOMATO SPECIES *SOLANUM HABROCHAITES*

9¹⁰ – 9²⁰ **Burcovschi Ion**
IMPACT OF ENVIRONMENTAL CONDITIONS ON THE PRODUCTIVITY OF SUNFLOWER HYBRIDS

9²⁰ – 9³⁰ **Grajdiu Cristina**
MOLECULAR ASSESSMENT OF F. GRAMINEARUM IN SEVERAL MOLDAVIAN MAIZE GENOTYPES

9³⁰ – 9⁴⁰ **Cristea Nicolae**
MANIFESTATION OF TRANSGRESSIONS ON THE TRAITS OF SPIKE PRODUCTIVITY IN F₂ POPULATIONS OF COMMON WHEAT

9⁴⁰ – 9⁵⁰ **Moldovan Cristina**
STUDY OF LAKE FUNGI BIODIVERSITY IN FROM THE *LA IZVOR* LAKE (CHISINAU MUNICIPALITY)

9⁵⁰ – 10⁰⁰ **Cassir Polina**
LEUCOJUM AESTIVUM (AMARYLLIDACEAE) – NEW SPECIES FOR THE LOWER PRUT FLORA

10⁰⁰ – 10¹⁰ **Tanachi Tatiana**
BIO-ECOLOGICAL PECULIARITIES OF SOME NEW TAXA OF *BERBERIS THUNBERGII* DC.

10¹⁰ – 10²⁰ **Gladei Mihail**
THE DEVELOPMENT OF VITICULTURE THROUGH THE REQUIREMENTS PRISM OF GREEN ECONOMY

10²⁰ – 10³⁰ **Talpalaru Dumitru**
THE GROWTH AND FRUCTIFICATION OF APPLE VARIETIES DEPENDING ON VARIETY AND THE PRUNING SYSTEM

10³⁰ – 10⁵⁰ **Discussions**

B. PLANT, ANIMAL AND MICROBIAL BIOTECHNOLOGY

Chairs: CEPOI Liliana, NASTAS Tudor, VOLOSCIUC Leonid

Institute of Microbiology and Biotechnology, Academy 1 Str., room 252

9⁰⁰ – 9¹⁰ **Balacci Sergiu**
DIRECTING THE GROWTH OF CARP LARVAE THROUGH THE APPLICATION OF THERMAL FACTOR

9¹⁰ – 9²⁰ **Bogdan Victoria**
SPECIFIC STREPTOCOCCI OF THE DIGESTIVE TRACT AND THEIR SUITABILITY FOR INCLUSION IN PROBIOTIC PREPARATIONS

9²⁰ – 9³⁰ **Ghereg Melania**
ASEPTICIZATION OF PLANT MATERIAL OF SOME SPECIES OF FAM. *AMARYLLIDACEAE* L.

9³⁰ – 9⁴⁰ **Lungu Andrei**
INFLUENCE OF EXTERNAL FACTORS ON THE DEVELOPMENT OF *S. SPINOSA* ON THE LIQUID MEDIUM

| | |
|---|---|
| 9 ⁴⁰ – 9 ⁵⁰ | Guțu Nadejda CONDITIONALLY PATHOGENIC AGENTS OF THE FAMILY ENTEROBACTERIACEAE CAUSING ACUTE DIARRHEA DISEASES |
| 9 ⁵⁰ – 10 ⁰⁰ | Mustya Mikhail ATHERINA (<i>ATHERINA BOYERI</i> RISSO, 1810) OF KUCHURGAN RESERVOIR |
| 10 ⁰⁰ – 10 ¹⁰ | Paladi Viorica PRESENCE OF THE SPECIES <i>GLAREOLA PRATINCOLA</i> (CHARADRIIFORMES, GLAREOLIDAE) IN THE LOWER PRUT AREA |
| 10 ¹⁰ – 10 ²⁰ | Postovan Ruslan REFERINȚE ASUPRA CONDIȚIILOR GEOGRAFICE ȘI A CERINȚELOR DE PROIECT PENTRU REPARAȚIA PODULUI PESTE RÂUL RĂUT ÎNTRE LOCALITĂȚILE USTIA ȘI ZOLONCENI DIN RAIONUL CRIULENI |
| 10 ²⁰ – 10 ³⁰ | Tolstenco Dorina CAPACITY OF MICROBIAL MULTIPLICATION DEPENDING ON THE FORM OF PREPARATION OF SOME ONCOPROTECTIVE PLANTS |
| 10 ³⁰ – 10 ⁴⁰ | Timuș Ion IMPACT OF NANOPARTICLES IN THE CULTIVATION MEDIUM ON THE VIABILITY AND STABILITY OF MICROMYCETES AFTER LYOPHILIZATION |
| 10 ⁴⁰ – 10 ⁵⁰ | Rusu Iuliana PRELIMINARY DATA ON THE DEVELOPMENT OF THE INVASIVE SPECIES <i>HALYOMORPHA HALYS</i> (STAL) 1855, (HEMIPTERA; PENTATOMIDAE) IN THE REPUBLIC OF MOLDOVA |
| 10 ⁵⁰ – 11 ⁰⁰ | Codreanu Liviu CYANOBACTERIUM <i>NOSTOC LINCKIA</i> GROWTH UNDER DIFFERENT CONCENTRATIONS OF COPPER(II) IONS |
| 11 ⁰⁰ – 11 ¹⁰ | Yushin Nikita EUROPIUM BIOACCUMULATION BY <i>ARTROSPIRA PLATENSIS</i> AND ITS EFFECT ON BIOMASS |
| 11 ¹⁰ – 11 ³⁰ | Discussions |
| C. MOLECULAR BIOLOGY AND BIOMEDICINE | |
| Chairs: CIOCHINA Valentina, CRIVOI Aurelia, SACARA Victoria <i>Institute of Sanocreatology, Academiei 1 Str., room 352</i> | |
| 9 ⁰⁰ – 9 ¹⁰ | Babileva Anastasia THE INFLUENCE OF NUTRIENTS ON THE METABOLISM DEPENDING ON THE TYPE OF STRESS REACTIVITY |
| 9 ¹⁰ – 9 ²⁰ | Listopadova Liudmila PROPHYLAXIS OF RESPIRATORY SYNDROMES BY NEUROIMMUNOMODULATORY ACTION OF NATURAL ENVIRONMENTAL FACTORS |
| 9 ²⁰ – 9 ³⁰ | Dorif Alexandr DEVELOPMENT OF METHOD FOR SHORT REPEATS EXPANSION CAUSED ATAXIAS DIAGNOSTIC |
| 9 ³⁰ – 9 ⁴⁰ | Garbuzneac Anastasia CONDITIONED REFLEX LEARNING AND MEMORY OF WHITE RATS OF DIFFERENT AGES UNDER THE INFLUENCE OF THE BIOMASS OF STREPTOMYCETES ISOLATED FROM THE SOILS OF THE REPUBLIC OF MOLDOVA |
| 9 ⁴⁰ – 9 ⁵⁰ | Grosul-Raileanu Olesea ACTIVITY OF DIGESTIVE ENZYMES OF THE SMALL INTESTINE OF RATS WITH DIFFERENT CONSTITUTIONAL STRESS REACTIVITY |

| | |
|-------------------------------------|---|
| 9 ⁵⁰ – 10 ⁰⁰ | Mangul Olga MEMBRANE HYDROLYSIS OF MALTOSE IN THE SMALL INTESTINE UNDER THE INFLUENCE OF DIETS WITH DIFFERENT CONTENT OF CARBOHYDRATES IN EARLY POSTNATAL ONTOGENESIS |
| 10 ⁰⁰ – 10 ¹⁰ | Raischi Ion DESIGNING OF THE BEST SLEEP PROTOCOL ACCORDING TO THE PSYCHOPHYSIOLOGICAL NEED |
| 10 ¹⁰ – 10 ²⁰ | Scraliuc Maria AUTOPHAGY ROLE IN MODULATING INFLAMMATORY MARKERS RESPONSE IN KERATINOCYTES |
| 10 ²⁰ – 10 ³⁰ | Zainea Pusica PSYCHOGENIC STRESS IN HOSPITALIZED PERSONS |
| 10 ³⁰ – 10 ⁵⁰ | Discussions |

D. ENVIRONMENT PROTECTION AND NATURAL RESOURCES MANAGEMENT

Chairs: UNGUREANU Laurenția, BEJAN Iuric, BOIAN Ilie

Institute of Zoology, Academiei 1 Str., room 321

| | |
|-------------------------------------|---|
| 9 ⁰⁰ – 9 ¹⁰ | Bejan Alexandru EVALUATION OF TRENDS IN CHANGING THE LANDSCAPE STRUCTURE ON THE EXAMPLE OF THE CUBOLTA HYDROGRAPHIC BASIN |
| 9 ¹⁰ – 9 ²⁰ | Belous Stefan "IRIS VARIEGATA (IRIDACEAE) IN THE FLORA OF LANDSCAPE RESERVE" CĂRBUNA" |
| 9 ²⁰ – 9 ³⁰ | Botnari Aliona SPATIAL MODELING OF DANGEROUS FROSTS IN THE REPUBLIC OF MOLDOVA |
| 9 ³⁰ – 9 ⁴⁰ | Cazac Valeriu CLIMATIC AND HYDROMETEOROLOGICAL PHENOMENA OF RISK ON THE TERRITORY OF THE REPUBLIC OF MOLDOVA |
| 9 ⁴⁰ – 9 ⁵⁰ | Colibaba Liudmila THE ROLE OF CLIMATE FACTORS IN THE PROCESS OF AGRICULTURAL PRODUCTION IN MOLDOVA |
| 9 ⁵⁰ – 10 ⁰⁰ | Eroshenkova Victoria ASSESSMENT OF THE ANTHROPOGENIC IMPACT ON THE WATER QUALITY OF THE LOWER DNIESTER TRIBUTIES |
| 10 ⁰⁰ – 10 ¹⁰ | Grozdeva Svetlana NEW SPECIES OF <i>MACROSTELAS</i> (HEMIPTERA, AUCHENORRHYNCHA) IN THE REPUBLIC OF MOLDOVA |
| 10 ¹⁰ – 10 ²⁰ | Marareskul Vladislav FOSSIL FELIDAE (GENUS <i>METAILURUS</i>) IN THE MIOCENE OF THE REPUBLIC OF MOLDOVA |
| 10 ²⁰ – 10 ³⁰ | Romanovich Nicolai APPLICATION OF BIOTECHNICAL STRUCTURES TO IMPROVE BREEDING CONDITIONS OF WETLAND BIRDS IN THE YAGORLYK NATURE RESERVE |
| 10 ³⁰ – 10 ⁴⁰ | Shova Efimia THE IMPACT OF REGIONAL CLIMATE CHANGE ON THE SUSTAINABLE DEVELOPMENT OF THE AGRICULTURAL SECTOR IN THE REPUBLIC OF MOLDOVA |
| 10 ⁴⁰ – 10 ⁵⁰ | Stadnic Anjela ELEMENTS OF AGROGENIC EVOLUTION OF THE AGGREGATIC STRUCTURE OF CLAYEY-LOAMY AND LOAMY-CLAYEY MODERATE HUMIFERUS CHERNOZEMS |

| | |
|--|--|
| 10 ⁵⁰ – 11 ⁰⁰ | Dibolscaia Natalia BAT FAUNA (MAMMALIA, CHIROPTERA) FROM LIMESTONE MINES OF MOLOVATA NOUĂ |
| 11 ⁰⁰ – 11 ¹⁰ | Stratan Liliana CLIMATE INFLUENCES ON THE LANDSCAPES OF THE NARNOVA HYDROGRAPHIC BASIN |
| 11 ¹⁰ – 11 ²⁰ | Zakharov Denis FINDING OF THE REMAINS OF A FROG AND VARAN FROM THE PLIOCENE LOCALITY PRIOZERNOE |
| 11 ²⁰ – 11 ⁴⁰ | Discussions |
| E. CHEMISTRY AND CHEMICAL COMPOUNDS IN BIOLOGY, AGRICULTURE AND MEDICINE | |
| Chairs: ARICU Aculina, DUCA Gheorghe, LUPASCU Tudor <i>Institute of Chemistry, Academiei 3 Str., room 349</i> | |
| 9 ⁰⁰ – 9 ¹⁰ | Popescu Violeta CHEMICAL COMPOSITION OF DAMASK ROSE (<i>ROSA DAMASCENA</i> MILL.) CONCRETE OF MOLDAVIAN ORIGIN |
| 9 ¹⁰ – 9 ²⁰ | Mîndru Alexei IRON(III) CLUSTERS WITH 3-FORMYLSALICYLIC ACID |
| 9 ²⁰ – 9 ³⁰ | Neguța Andrei SYNTHESIS OF SOME THIOSEMICARBAZONES DERIVED FROM 1-PYRIDIN-2-YL-3-PHENYL-PROP-2-EN-1-ONES (CHALCONES) SUBSTITUTED IN THE PHENYL RING |
| 9 ³⁰ – 9 ⁴⁰ | Rusnac Anna COPPER COMPLEXES WITH N ⁴ (2-ETHYL BENZOATE) THIOSEMICARBAZONE OF 2-ACETILPYRIDINE |
| 9 ⁴⁰ – 9 ⁵⁰ | Talmaci Natalia Cu(II) COMPLEXES WITH 1,5-BIS(2-HYDROXY-3-METHOXYBENZYLIDENE)CARBONOHYDRAZIDE |
| 9 ⁵⁰ – 10 ⁰⁰ | Țașca Corina THE INFLUENCE OF TOMATIN BAC ON THE PROCESS OF ALCOHOLIC FERMENTATION OF WASTE BIOMAS |
| 10 ⁰⁰ – 10 ¹⁰ | Ulchina Ianina Cu(II) COMPLEXES WITH 4-ALLYLTHIOSEMICARBAZONE AS POSSIBLE ANTIOXIDANT AGENTS |
| 10 ¹⁰ – 10 ²⁰ | Ureche Dumitru SYNTHESIS, STUDY OF THE PROPERTIES AND MOLECULAR ARCHITECTURE OF COORDINATION COMPOUNDS OF „S” AND „D” METALS WITH POLYFUNCTIONAL LIGANDS |
| 10 ²⁰ – 10 ³⁰ | Vasiliev Alexei SYNTHESIS OF NEW <i>EPI</i> -MANOYLOXIDE DERIVATIVES WITH AZIDE AND <i>gamma</i> -LACTAM FUNCTIONAL GROUPS |
| 10 ³⁰ – 10 ⁴⁰ | Vicol Crina PHENOLIC COMPOUNDS AND ANTIOXIDANT ACTIVITY OF SOME MOLDOVAN WHITE AND RED GRAPE VARIETIES AT DIFFERENT MATURATION PERIODS |
| 10 ⁴⁰ – 11 ⁰⁰ | Discussions |
| 12 ⁰⁰ – 13 ⁰⁰ | CLOSING REMARKS <i>Moldova State University, Conference Hall, Hancesti 55/4 Str.</i> |