



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

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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, ANDRONIC Larisa <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.

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- 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 Gribincea 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

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- 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 – 15²⁵ Frunzete Mădălina Elena**
TAXUS BACCATA L.-MORPHO-STRUCTURAL CHARACTERS IN SPONTANEOUS AND CULTIVATED TAXA
-
- 15²⁵ – 15³⁰ Olaru Elena-Iren**
MICROMORPHOLOGICAL AND ANATOMICAL CHANGES INDUCED BY SALINE STRESS IN *OCIMUM BASILICUM* L. (VAR. GENOVESE), IN EXPERIMENTAL GROWTH CONDITIONS
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15 ³⁰ – 15 ⁴⁰	Mihășan 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 Sanocreatology, 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	Nistreanu 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 HINCEȘTI» 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 CHIȘINĂU 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 **Grajdieru 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 ARIA
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

Institute of Sanocreatology, Academiei 1 Str., room 352

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 METAILURUS) 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 Efmia 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	Tașca 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>

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