



UNIVERSITY OF AGRONOMIC  
SCIENCES AND VETERINARY  
MEDICINE OF BUCHAREST



*International Conference*  
*"Agriculture for Life, Life for Agriculture"*

CONFERENCE PROGRAMME

June 6-8, 2024  
Bucharest, Romania



UNIVERSITY OF AGRONOMIC SCIENCES  
AND VETERINARY MEDICINE OF BUCHAREST

*International Conference*  
*“Agriculture for Life, Life for Agriculture”*

# CONFERENCE PROGRAMME

JUNE 6 – 8, 2024

BUCHAREST

*The International Conference  
"Agriculture for Life, Life for Agriculture"*

*June 6 – 8, 2024*

**Organized by:**



UNIVERSITY OF AGRONOMIC SCIENCES  
AND VETERINARY MEDICINE OF BUCHAREST, ROMANIA

**Under the patronage of the Ministry of Education**



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# CONFERENCE PROGRAMME

## Day 1 – Thursday, June 6

EEST TIME (UTC +3)	Activity	Venue
08:00 – 09:00	<b>REGISTRATION OF PARTICIPANTS</b> Venue: <i>University of Agronomic Sciences and Veterinary Medicine of Bucharest (USAMV of Bucharest)</i>	Building B - Horticulture, Ground floor, Main Hall
09:00 – 09:30	<b>OPENING &amp; WELCOME</b>	Building B - Horticulture, Aula "Nicolae Constantinescu"
<b>Welcome</b>	<b>Prof. Gina FÎNTÎNERU</b> , <i>Vice-rector for Research, University of Agronomic Sciences and Veterinary Medicine of Bucharest</i>	
<b>Official Opening</b>	<b>Prof. Sorin Mihai CÎMPEANU</b> , <i>Rector, University of Agronomic Sciences and Veterinary Medicine of Bucharest</i> <b>Ms. Ligia DECA</b> , <i>Minister of Education</i> <b>Mr. Bogdan-Gruia IVAN</b> , <i>Minister of Research, Innovation and Digitization</i> <b>Prof. Gigel PARASCHIV</b> , <i>Secretary of State, Ministry of Education</i> <b>Prof. Valentin NĂVRĂPESCU</b> , <i>President of ARACIS</i> <b>Mr. Mihnea COSTOIU</b> , <i>Rector of National University of Science and Technology - POLITEHNICA Bucharest</i>	
09:30 – 10:30	<b>Special Guest of the "Agriculture for Life, Life for Agriculture" 2024</b> <i>"Land and water management - Challenges for agriculture!"</i> <b>Mr. Massimiliano GIANANTI</b> , <i>Vice-President of COPA, "Land management and water resilience, European farmers point of view"</i> <b>Q &amp; A Session</b>	Building B - Horticulture Aula "Nicolae Constantinescu"
10:30 – 11:00	<i>Coffee Break</i>	Building B - Horticulture Open air – front lawn



11:00 – 13:00	<b>PLENARY SESSION: MEET OUR KNS</b>	Building B - Horticulture, Aula "Nicolae Constantinescu"
<b>Moderators</b>	<p><b>Assoc. Prof. Lizica SZILAGYI</b>, Faculty of Agriculture, University of Agronomic Sciences and Veterinary Medicine of Bucharest</p> <p><b>Prof. Ana VÎRSTA</b>, Faculty of Land Reclamation and Environmental Engineering, University of Agronomic Sciences and Veterinary Medicine of Bucharest</p> <p><b>Assoc. Prof. Mirela Alina SANDU</b>, Vice-Dean, Faculty of Land Reclamation and Environmental Engineering, University of Agronomic Sciences and Veterinary Medicine of Bucharest</p>	
<b>Speakers</b>	<p><b>Assoc. Prof. Sven-Erik JACOBSEN</b>, Managing director and Founder of the company Quinoa Quality ApS, "<i>Introduction of new climate proof crops for Romania</i>"</p> <p><b>Prof. Neven VOĆA</b>, Faculty of Agriculture, University of Zagreb, "<i>Environmental benefits: investigating the effects of sewage sludge on the productivity and energy quality of Miscanthus</i>"</p> <p><b>Prof. Radu Claudiu FIERASCU</b>, National Institute for Research &amp; Development in Chemistry and Petrochemistry - ICECHIM Bucharest, "<i>Phytonanotechnology – a multidisciplinary research area</i>"</p>	
	<b>Q &amp; A Session</b>	
13:00 – 14:00	<i>Lunch &amp; Networking Activities</i>	Building B - Horticulture Open air – front lawn
14:00 – 16:00	<p><b>Works on sections - See detailed sections programmes</b>  <i>Section 1 – Agronomy, Section 2 – Horticulture,  Section 3 – Animal Sciences, Section 4 – Veterinary Medicine,  Section 5 – Land Reclamation, Earth Observation &amp; Surveying,  Environmental Engineering, Section 6 – Biotechnology,  Section 7 – Management and Economics in Rural Areas</i></p>	
16:00 – 16:30	<i>Coffee break</i>	
16:30 – 17:30	<b>Poster display and discussions</b>	
19:00 – 21.30	<b>Official Gala Dinner Cultural Event</b>	CERES Restaurant, USAMV Campus

## Day 2 – Friday, June 7

### Works on sections - See detailed sections programmes

*Section 1 – Agronomy, Section 2 – Horticulture, Section 3 – Animal Sciences,  
Section 4 – Veterinary Medicine, Section 5 – Land Reclamation, Earth Observation & Surveying,  
Environmental Engineering, Section 6 – Biotechnology,  
Section 7 – Management and Economics in Rural Areas*

08:00 – 09:00	Arrival and registration of participants; Poster display
09:00 – 11:00	<b>Opening session and Paper presentation I</b>
11:00 – 11:30	<i>Coffee break</i> ; Viewing posters and discussions
11:30 – 13:30	<b>Paper Presentations II</b>
13:30 – 14:30	<i>Lunch</i>
14:30 – 16:30	<b>Paper Presentations III</b>
16:30 – 17:00	<i>Coffee break</i>
17:00 – 18:00	Viewing posters and discussions
18:00 – 18:30	Final Discussions and Conclusions

## Day 3 – Saturday, June 8

### Conference visits

08:00 – 18:00	<i>Conference visit 1:</i> Visit Field Seeds Academy, Buzău County
08:00 – 17:00	<i>Conference Technical Tour S2:</i> Pietroasa - Istrița Research and Development for Viticulture, Winemaking and Fruit Growing Visits
08:30 – 17:30	<i>Conference Technical Tour S3:</i> Exploring Technological Innovations in Livestock Farms
09:00 – 15:30	<i>Conference Technical Tour S4:</i> Visit to the Veterinary Teaching Hospital - Emergency Veterinary University Hospital “Prof. Dr. Alin Bîrțoiu”
09:00 – 14:30	<i>Conference Technical Tour S5:</i> Visit Moara Domnească Research and Development Station
08:00 – 17:00	<i>Conference Technical Tour S6:</i> Plant Genetic Resources for Vegetable, Flower, Aromatic and Medicinal Plants
08:30 – 19:00	<i>Conference Technical Tour S7:</i> Visit Prahova Valley

### Workshops within the conference

Day	EEST TIME (UTC +3) / Venue	Activity	Organizer
07.06.2024	11.00, A II 104, Building A	Circularity in mixed crop-livestock production - a priority for sustainable development	Faculty of Animal Productions Engineering and Management
07.06.2024	11.30, A I 69, Building A	Improving milk production in cows: challenges and innovation	Faculty of Animal Productions Engineering and Management
07.06.2024	12.30, A III 142, Building A	Innovative solutions for obtaining meat products with low caloric value	Faculty of Animal Productions Engineering and Management
07.06.2024	14:00, A.III.134, Building A	Implementation of future IPM strategies for maize crops in Romania. Barriers and opportunities at the external-farm level	Faculty of Agriculture
07.06.2024	14:00, Faculty of Biotechnology, Aula Magna “Prof. dr. Gheorghe Câmpeanu”, First Floor	Promoting the EHEDG concept in Romania for improving of food safety	Faculty of Biotechnology
07.06.2024	15.30, Faculty of Biotechnology, Aula Magna “Prof. dr. Gheorghe Câmpeanu”, First Floor	Food safety and trends in global legislative harmonization	Faculty of Biotechnology

## Conference topics

Topics / Subtopics	<p><b>Section 1 – Agronomy</b></p> <ul style="list-style-type: none"> <li>• Soil sciences</li> <li>• Crop sciences</li> <li>• Miscellaneous: Agroecosystems; Climatic changes and future challenges; Agricultural machinery and equipments in crop production; Precision farming in crop production; Crop biomass and biofuels; Organic farming in crop production</li> </ul>	<p><b>Section 4 - Veterinary Medicine</b></p> <ul style="list-style-type: none"> <li>• Fundamental sciences</li> <li>• Clinical sciences</li> <li>• Animal production, public health and food quality control</li> <li>• Veterinary education</li> <li>• Experimental Medicine</li> <li>• Miscellaneous: Complementary topics</li> </ul>
	<p><b>Section 2 – Horticulture</b></p> <ul style="list-style-type: none"> <li>• Fruit growing</li> <li>• Viticulture and Oenology</li> <li>• Vegetable growing</li> <li>• Floriculture, Ornamental Plants, Design and Landscape Architecture</li> <li>• Miscellaneous: Climate-resilient horticulture; Ecological horticulture systems; Permaculture; Urban horticulture; Waste management and alternative energies in horticulture</li> </ul>	<p><b>Section 5 - Land Reclamation, Earth Observation &amp; Surveying, Environmental Engineering</b></p> <ul style="list-style-type: none"> <li>• Environmental science and engineering</li> <li>• Sustainable development of rural area</li> <li>• Disaster management</li> <li>• Water resources management</li> <li>• Pollution control, land planning</li> <li>• Topography and cadastre</li> <li>• Earth observation and geographic information systems</li> <li>• Miscellaneous: Complementary topics</li> </ul>
	<p><b>Section 3 – Animal Science</b></p> <ul style="list-style-type: none"> <li>• Genetics and breeding</li> <li>• Nutrition</li> <li>• Reproduction, physiology, anatomy</li> <li>• Technologies of animal husbandry</li> <li>• Technologies of the agro food products processing</li> <li>• Wild life management, fishery and aquaculture</li> <li>• Miscellaneous: Machinery and installations for animal husbandry; Livestock building; Zoo-hygiene</li> </ul>	<p><b>Section 6 – Biotechnology</b></p> <ul style="list-style-type: none"> <li>• Agricultural biotechnology</li> <li>• Food Biotechnology</li> <li>• Medical and Pharmaceutical Biotechnology</li> <li>• Environmental Biotechnology</li> <li>• Miscellaneous: Food and Biotechnology legislation; Fermentation industry equipment and installations, insurance in biotechnology; GMO-legislation</li> </ul>
	<p><b>Section 7 - Management and Economics of Rural Areas</b></p> <ul style="list-style-type: none"> <li>• Production economics</li> <li>• Farm management and agromarketing</li> <li>• Agricultural policies</li> <li>• AgriBusiness and agricultural extension</li> <li>• Agritourism and rural development</li> <li>• Environmental economics</li> <li>• Educational management in agronomic education</li> <li>• Miscellaneous: Trade in agricultural products; Insurance and reinsurance in agriculture; Food legislation; Food industry equipment and installations; Rural Statistics</li> </ul>	





## Section 1

# **AGRONOMY**

## SCIENTIFIC COMMITTEE

- Sinisa BERJAN – University of East Sarajevo, Bosnia and Herzegovina
- Dimitrios BILALIS – Agricultural University of Athens, Greece
- Iovu-Adrian BIRIȘ – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Lancelot BUTTERS – University of Central Lancashire, United Kingdom
- Raimundo CABRERA – University of La Laguna, Phytopathology Unit, Spain
- Costică CIONTU – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Sorin Mihai CÎMPEANU – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Stelica CRISTEA – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Ionela DOBRIN – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Mihail DUMITRU – Research and Development Institute for Soil Science, Agrochemistry and Environmental Protection of Bucharest, Romania
- Lenuța Iuliana EPURE – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Senol Zafer ERDOGAN – Konya Food and Agriculture University, Turkey
- André FALISSE – University of Liège, Gembloux Agro-Bio Tech, Belgium
- Cristian HERA – Romanian Academy
- Beatrice-Michaela IACOMI – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Cristian IACOMI – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Leonard ILIE – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Florin IMBREA – University of Life Sciences "King Mihai I" from Timisoara, Romania
- Viorel ION – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Mohsen JANMOHAMMADI – University of Maragheh, East Azarbaijan, Iran
- Gheorghe JIGĂU – State University of Moldova, Republic of Moldova
- Gerard JITĂREANU – University of Life Sciences "Ion Ionescu de la Brad" from Iași, Romania
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- Yalcin KAYA – Trakya University, Plant Breeding Research Center, Turkey
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- Doru Ioan MARIN – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Mircea MIHALACHE – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Ioan PĂCURAR – University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania

- Aurelian PENESCU – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Françoise PICARD-BONNAUD – University of Angers, France
- Teodor ROBU – University of Life Sciences “Ion Ionescu de la Brad” from Iași, Romania
- Gheorghe Valentin ROMAN – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Mihail RURAC – State Agrarian University of Moldova, Republic of Moldova
- Teodor RUSU – University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania
- Dumitru Ilie SĂNDOIU – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Philippe SIMONEAU – University of Angers, France
- Vasilica STAN – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Lizica SZILAGYI – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Marin ȘTEFAN – University of Craiova, Romania
- David C. WEINDORF – Texas Tech University, USA
- Hristina YANCHEVA – Agricultural University of Plovdiv, Bulgaria

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- Leonard ILIE
- Adrian Gheorghe BĂȘA



## SECTION 1 – AGRONOMY

*Agronomy Section Chairman:*

*Prof. Dr. Viorel ION*  
*Prof. Dr. Mircea MIHALACHE*  
*Prof. Dr. Costică CIONTU*

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**University of Agronomic Sciences and Veterinary Medicine of Bucharest**  
**Faculty of Agriculture**

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## THURSDAY, 6<sup>TH</sup> OF JUNE, 2024

*Building A - Faculty of Agriculture  
Third Floor, Gheorghe Ionescu-Șișești Amphitheatre*

- 14:00 – 14:15 *Conference Section Opening*
- 14:15 – 16:00 *Session 1 - Third Floor, Gheorghe Ionescu-Șișești Amphitheatre*
- 16:00 – 16:30 *Coffee break - Third Floor, Central Hall*
- 16:30 – 17:30 *Posters display and viewing – Third Floor, Central Hall*
- 19:00 – 21:30 *Official Gala Dinner – Cultural Event (Ceres Restaurant) – USAMV Campus*

### SESSION 1

**Time: 14:15 – 16:00**

*Third Floor, Gheorghe Ionescu-Șișești Amphitheatre*

**Session Moderators:** *Prof. Dr. Leonard ILIE  
Assoc. Prof. Dr. Mirela Elena DUȘA*

Time	Authors	Paper Title
14:15– 14:30	Daniela RĂDUICĂ	SYNGENTA - OUR CONTRIBUTION TO AGRICULTURE THROUGH INNOVATION AND PARTNERSHIP
14:30 – 14:45	Harry NEILL, Adam ECKERSLEY, Philip BOYLE, Lancelot BUTTERS	AN INVESTIGATION OF THE EFFECTS OF TRACTOR TYRE WIDTH ON SOIL COMPACTION AND CROP DAMAGE
14:45 – 15:00	Emil GEORGESCU, Maria TOADER, Lidia CANĂ, Luxița RĂȘNOVEANU	RESEARCH CONCERNING POSSIBLE ALTERNATIVES AT SEED TREATMENT WITH NEONICOTINOIDS FOR CONTROLLING THE <i>Tanymecus dilaticollis</i> Gyll. ATTACK AT SUNFLOWER CROPS
15:00 – 15:15	Daniela TRIFAN, Emanuela LUNGU, Alin Ionel GHIORGHE, Daniel George SERBAN	THE IMPORTANCE OF AGROFORESTRY CURTAINS FOR ANTI-EROSION PROTECTION AND INCREASING THE PRODUCTIVITY OF AGRICULTURAL CROPS

<b>Time</b>	<b>Authors</b>	<b>Paper Title</b>
15:15 – 15:30	Bilyana GRIGOROVA- PESHEVA, Boyka MALCHEVA, Asen PESHEV	MICROBIAL COMMUNITY DYNAMICS OF COMPOST MIXTURES AFTER APPLICATION OF MICROBIOLOGICAL ADDITIVE
15:30 – 15:45	Florența (JAFRI) PARASCHIV, Elena Mirela DUȘA, Vasilica STAN	NITROGEN MINERALIZATION DYNAMICS DURING THE MATURITY STAGE OF LAVENDER WASTE COMPOST
15:45 – 16:00	<i>Discussions</i>	
16:00 – 16:30	<i>Coffee break - Third Floor, Central Hall</i>	
16:30 – 17:30	<i>Posters display and viewing – Third Floor, Central Hall</i>	
19:00 – 21:30	<i>Official Gala Dinner – Cultural Event (Ceres Restaurant, USAMV Campus)</i>	

## **FRIDAY, 7<sup>TH</sup> OF JUNE, 2024**

*Building A - Faculty of Agriculture  
Third Floor, Gheorghe Ionescu-Șișești Amphitheatre*

08:00 – 09:00	<i>Arrival and registration of participants – Third Floor, Central Hall</i>
09:00 – 11:00	<i>Session 2 – Third Floor, Gheorghe Ionescu-Șișești Amphitheatre</i>
11:00 – 11:30	<i>Coffee break / Viewing posters and discussions – Third Floor, Central Hall</i>
11:30 – 13:30	<i>Session 3 – Third Floor, Gheorghe Ionescu-Șișești Amphitheatre</i>
	<i>Final Discussions and Concluding Remarks</i>
13:30 – 14:30	<i>Lunch – Third Floor, Central Hall</i>

## SESSION 2

**Time: 09:00 – 11:00**

*Building A - Faculty of Agriculture*

*Third Floor, Gheorghe Ionescu-Șișești Amphitheatre*

**Session Moderators:** *Prof. Dr. Viorel ION*  
*Assoc. Prof. Dr. Lenuța Iuliana EPURE*

Time	Authors	Paper Title
09:00 – 09:10	Bianca POP, Roxana VIDICAN, Larisa CORCOZ, Vlad STOIAN	THE EFFECT OF HISTORICAL POLLUTION ON MICROBIAL FUNCTIONAL KINETICS IN BIOREMEDIATED SOILS FROM BAI MARE
09:10 – 09:20	Deniz ISTIPLILER, Burcu GÖKBULUT	FIRST GROWING CYCLE PERFORMANCES OF PERENNIAL WHEAT GENOTYPES
09:20 – 09:30	Claudiu-Denis FILIP, Mirela COMAN	REGARDING THE LEVEL OF SOIL POLLUTION WITH HEAVY METALS (I)
09:30 – 09:40	Alexandra GHEORGHÎĂ, Roxana VIDICAN, Larisa CORCOZ, Vlad STOIAN	KINETICS OF THE MICROBIAL FUNCTIONAL PROFILE INVOLVED IN DECOMPOSITION SHAPPED BY LONG- TERM APPLICATION OF INPUTES
09:40 – 09:50	Nicolaie IONESCU, Diana Maria POPESCU	RESULTS WITH WEEDS COMPETITION AND THEIR CONTROL IN SOYBEAN CROP
09:50 – 10:00	Leonid POPOV, Tatiana DAVID	THE INFLUENCE OF MICROBIAL BIOFERTILIZERS ON THE BALANCE OF NUTRITIONAL ELEMENTS ON SOILS WITH DIFFERENT DEGREES OF EROSION
10:00 – 10:10	Mariana GROZA, Mihaela COMAN, Livia Dana ALDEA, Delia STEOPEI, Claudia COSTACHE	MELOIDOGYNE SPECIES THAT POSE A THREAT TO POTATO CROP IN ROMANIA
10:10 – 10:20	Ali COSKAN, Muvahhid KILICARSLAN	PGPR AS AN AVAILABILITY IMPROVER OF NATURAL IRON AND MANGANESE SOURCES

Time	Authors	Paper Title
10:20 – 10:30	Nela TĂLMACIU, Mihai TĂLMACIU, Monica HEREA, Ionela MOCANU, Ion MITREA	THE BIODIVERSITY OF COLEOPTERO- FAUNA FROM WHEAT CROPS IN THE CONDITIONS OF THE NEW CLIMATE CHANGES AND THE PREMERGING PLANT
10:30 – 10:40	Mihaela Ioana GEORGESCU, Alina Georgiana CÎŞLARIU, Mihai GÎDEA, Elena SĂVULESCU	PRELIMINARY DATA ABOUT THE INVASIVE ABILITY OF <i>Solidago canadensis</i> L. AND ITS ESTABLISHMENT IN CROPS IN OUR COUNTRY
10:40 – 10:50	Ahmed Ramadan Mohyeldeen M. ELSHAFAY, Özgür TATAR	COTTON FIBER PHYSIOLOGY AND QUALITY IN RESPONSE TO LIMITED WATERING CONDITIONS
10:50 – 11:00	<i>Discussions</i>	
11:00 – 11:30	<i>Coffee break - Third Floor, Central Hall</i>	

### SESSION 3

Time: 11:30 – 13:30

Building A - Faculty of Agriculture

Third Floor, Gheorghe Ionescu-Șișești Amphitheatre

**Session Moderators:** *Assoc. Prof. Dr. Gheorghe Adrian BĂȘA*  
*Lecturer Dr. Mala Maria STAVRESCU BEDIVAN*

Time	Authors	Paper Title
11:30 – 11:40	Daniel DUNEA, Lavinia BURULEANU, Corina POPESCU, Daniela AVRAM, Andreea GEORGESCU, George MURĂTOREANU, Dănuț TANISLAV, Roxana MĂRGĂRIT, Adrian FILIP	ASSESSMENT OF THE HERBACEOUS CANOPY RADIATION PROFILES AND FORAGE QUALITY IN THE MOUNTAIN GRASSLANDS FROM FUNDATA AREA, ROMANIA
11:40– 11:50	Georgiana-Andreea IGNAT, Mirela DUȘA, Nicoleta VRÎNCEANU, Monica Mara STAICU	THE EFFECT OF THE USE OF COMPOST AS A FERTILIZER MATERIAL FOR THE CROP OF LETTUCE ( <i>Lactuca sativa</i> L.)
11:50 – 12:00	Luiza Silvia CHIRIAC (MIHAI), Dumitru T. MURARIU	THE ECOLOGICAL ROLE OF SOME FUNCTIONAL GROUPS OF INVERTEBRATES
12:00 – 12:10	Marilena ONETE, Minodora MANU, Mihaela PAUCĂ-COMĂNESCU, Roxana-Georgiana NICOARĂ	CHANGES IN A PROTECTED, OLD-GROWTH <i>Abies alba</i> - <i>Fagus sylvatica</i> FOREST IN THE ROMANIAN CARPATHIANS FOR 37 YEARS
12:10 – 12:20	Simona MIHĂILESCU, Marilena ONETE, Florian-Paul BODESCU, Iuliana Florentina GHEORGHE, Daniela STRAT, Constantin-Tiberiu SAHLEAN, Roxana-Georgiana NICOARĂ, Luiza-Silvia CHIRIAC, Minodora MANU, John Owen MOUNTFORD	APPROACHES TO THE ASSESSMENT OF SOME HABITATS OF COMMUNITY IMPORTANCE IN ROMANIA
12:20 – 12:30	Rozalina KOLEVA, Boyka MALCHEVA, Bilyana GRIGOROVA-PESHEVA	INFLUENCE OF MICROFLORA IN IRRIGATION WATER ON THE SOIL AND SOIL-COMPOST MICROBIOM
12:30 – 12:40	Mariana Carmelia DRAGOMIR BĂLĂNICĂ, Alina Gabriela CIOROMELE, Nicoleta AXINTI, Valentina VOICU	THE STATISTICAL ANALYSIS OF THE PRODUCTIVITY AND THE BENEFIT OF PESTICIDES APPLICATION IN THE SOUTH-EAST REGION, ROMANIA

<b>Time</b>	<b>Authors</b>	<b>Paper Title</b>
12:40 – 12:50	Mariana Carmelia DRAGOMIR BĂLĂNICĂ, Alina Gabriela CIOROMELE, Nicoleta AXINTI, Valentina VOICU	THE CONSEQUENCES OF THE USE OF FERTILIZERS ON THE PRODUCTION OF THE MAIN CULTIVATED PLANTS, IN THE SOUTH-EAST REGION, ROMANIA
12:50 – 13:00	Yurii OLIFIR, Anna HABRYEL, Oleh HAVRYSHKO, Tetiana PARTYKA, Hryhorii KONYK, Halyna PANAKHYD, Nadiia KOZAK	THE CONTENT AND QUALITATIVE COMPOSITION OF IRON COMPOUNDS OF ALBIC PANTOSTAGNIC LUVISOL UNDER LONG-TERM AGROGENIC INFLUENCE
13:00 – 13:30	<i>Final Discussions and Concluding Remarks</i>	
13:30 – 14:30	<i>Lunch – Third Floor, Central Hall</i>	

## POSTER SESSION

Time: 8:00 – 17:30

*Building A - Faculty of Agriculture; Third Floor – Central Hall*

**Session Moderators:** *Prof. Dr. Doru Ioan MARIN*  
*Assoc. Prof. Dr. Alina Nicoleta UDROIU*

No.	Authors	Paper Title
<b>SOIL SCIENCES</b>		
1.	Angela Cristina AMUZA, Ilie LEONARD	RESEARCH ON EARTHWORM COMMUNITY IN MAIZE CROP IN BORCEA, CALARASI
2.	Sorin ANGHEL	UTILIZATION OF GEOPHYSICAL METHODS IN PRECISION AGRICULTURE AND ARCHAEOLOGICAL PROSPECTION
3.	Mihaela BĂLAN, Oana Alina NIȚU, Cristian POPESCU	THE EVOLUTION OF SOIL AGROCHEMICAL PROPERTIES, UNDER THE INFLUENCE OF MINERAL FERTILISATION AND WATER EROSION, ON A NATURAL GRASSLAND LOCATED AT THE PREAJBA EXPERIMENTAL CENTRE IN THE GORJ COUNTY
4.	Aleksandra BENZA, Ivan MAGDIĆ, Jana KRKALO, Nikolina JURKOVIĆ BALOG, Aleksandra PERČIN	LAND USE IMPACT ON SELECTED CHEMICAL PROPERTIES OF HUMOFLUVISOLS IN PERI-URBAN AREA IN ZAGREB (CROATIA)
5.	Tatiana CIOLACU, Gheorghe JIGĂU, Cristian JIGĂU, Angela CANȚÎR	THE EVOLUTION OF THE COMPACTNESS OF ARABLE CHERNOZEMS IN CONDITIONS OF THE INTERCALATED IMPACT OF AGROGENESIS AND CLIMATE CHANGES
6.	Mihaela COSTEA, Dumitru-Marian MOTELICĂ, Nicoleta-Olimpia VRÎNCEANU, Mirela Alina SANDU, Costică CIONTU	APPLICATION OF AMENDMENTS OBTAINED THROUGH PROCESSING LIMESTONES FOR THE IMMOBILIZATION OF HEAVY METALS IN CONTAMINATED SOILS
7.	Ilie Cătălin DINUȚĂ, Maria Magdalena PODEA, Doru Ioan MARIN	THE INFLUENCE OF THE CONSERVATIVE TILLAGE SYSTEM ON THE PEA CROP IN THE PEDOCLIMATIC CONDITIONS OF A.R.D.S. PITESTI
8.	Mihaela DOGARU, Mircea MIHALACHE, Gabriela POPA, Damian DRAGOMIR, Alexandra ION, Cosmin GHEORGHE	THE EFFECT OF THE CULTURE SUBSTRATE ON THE CONTENT OF BIOACTIVE COMPOUNDS IN SOME BLACKBERRY GENOTYPES



No.	Authors	Paper Title
9.	Irena DUKA, Eridana ÇUNI, Seit SHALLARI	DETERMINATION OF PHYSICAL AND CHEMICAL PROPERTIES OF SOME SOILS FOR AGRICULTURAL USE IN FIER DISTRICT OF ALBANIA
10.	Saida FEIER-DAVID, Dorin TARAU, Ioan PET, Gheorghe DAVID, Daniel Dorin DICU	ECOPEDOLOGICAL CONDITIONS THAT DEFINE THE LANDS FAVORABILITY FROM TIMIȘ LOW PLAIN FOR THE MAIN CROPS
11.	Andrei-Mihai GAFENCU, Andreea-Mihaela FLOREA, Florin-Daniel LIPȘA, Eugen ULEA	DYNAMICS OF SOIL BACTERIAL COMMUNITIES UNDER WINTER WHEAT IN THE NORTH-EAST PART OF ROMANIA
12.	Adriana Iulia GRAFU, Ion CREANGA, Mihaela LUNGU	SOIL ACIDITY AND EXCHANGEABLE ALUMINIUM IN SOIL OF THE HIGH PITEȘTI PLAIN, ARGEȘ COUNTY, ROMANIA
13.	Mădălina IORDACHE, Romina MAZARE, Iacob BORZA	USING THE BULK DENSITY AND PARTICLE SIZE COMPOSITION OF SOIL AS SUSTAINABILITY INDICATORS TO CHARACTERIZE A SILVOARABLE ECOSYSTEM OF ROMANIA
14.	Gheorghe JIGĂU, Sergiu DOBROJAN, Galina DOBROJAN, Boris TURCHIN, Iurie MOSOI, Tatiana CIOLACU, Cristian JIGĂU, Angela STADNIC, Valentin GABERI	THE AGRO-ECOSYSTEM APPROACH TO THE HEALTH AND FERTILITY MANAGEMENT OF ARABLE CHERNOZEMS WITHIN THE ACTUAL AGRICULTURAL SYSTEMS
15.	Gheorghe JIGĂU, Sergiu DOBROJAN, Galina DOBROJAN, Boris TURCHIN, Iurie MOSOI, Tatiana CIOLACU, Cristian JIGĂU, Valentin GABERI, Angela STADNIC	THEORETICAL AND APPLICABLE FRAMEWORK OF ECOLOGIZATION OF THE AGROPHYSICAL PROPERTIES OF ARABLE CHERNOZEMS IN THE FRAMEWORK OF ACTUAL AGRICULTURAL SYSTEMS
16.	Angela KUTOVA, Larysa SHEDIEI, Ievgen SKRYLNIK, Volodymyr MYKHAYLYN, Ivan SEMENENKO	SOIL CARBON SEQUESTRATION AND STOCKS FOLLOWING LAND-USE TYPES CHANGE
17.	Vasile LUNGU, Tamara LEAH, Nicolai LEAH, Vera PANU, Elena SAVIN	NITROGEN BALANCE IN THE LONG-TERM EXPERIMENTS ON THE LEACHED CHERNOZEM FROM CENTRAL ZONE OF THE REPUBLIC OF MOLDOVA
18.	Eugen MARIN, Dragoș MANEA	DESIGN AND OPTIMIZATION OF AN CHISEL-TYPE ACTIVE BODY INTENDED FOR SOIL WORK EQUIPMENT WITHOUT TURNING THE FURROW
19.	Marian MUȘAT, Valentina Mihaela VASILE, Costel DOLOCAN, Georgian ARGATU	RESEARCH ON LAND SUITABILITY IN CUNEȘTI AREA, CĂLĂRAȘI COUNTY, FOR THE ESTABLISHMENT OF FOREST PLANTATIONS ON SANDY LANDS

No.	Authors	Paper Title
20.	Marian MUȘAT, Roxana MADJAR, Lavinia BURTAN, Alina NIȚU	PEDOLOGICAL AND AGROCHEMICAL STUDY ON THE AREA IN PERIȘORU AREA, CĂLĂRAȘI COUNTY
21.	Lucian Dumitru NIȚĂ, Simona NIȚĂ, Florin IMBREA, Karel Iaroslav LAȚO, Anișoara DUMA COPCEA, Ioana Alina HÎNDA, Ștefan Laurențiu BĂTRÎNA	PHYSICO-GEOGRAPHICAL CONDITIONS DEFINING THE QUALITY AND QUANTITY OF RESOURCES IN VALEA ALMĂJULUI AREA, CARAȘ SEVERIN COUNTY
22.	Nataliia PALAMAR, Oleksandr KAZIUTA	THE ROLE OF IRON COMPOUNDS IN THE FORMATION OF THE FERTILITY OF HYDROMORPHIC SOILS OF THE FLOODPLAINS OF THE LEFT BANK FOREST STEPPE OF UKRAINE
23.	Irina PLISKO, Kateryna ROMANCHUK, Svitlana KRYLACH, Karina KUTSOVA	ASSESSMENT OF SPATIAL HETEROGENEITY OF AGROPHYSICAL PROPERTIES OF ARABLE SOILS FOR PRECISION TILLAGE
24.	Cristian POPESCU	PEDOLOGICAL STUDY IN THE SOUTHWESTERN PART OF MEHEDINȚI COUNTY VRANCEA AREA
25.	Cristian POPESCU, Mihaela BĂLAN, Gabriel BĂDESCU	THE INFLUENCE OF MODELING WORKS ON PROTISOILS WITH SPECIFIC GENETIC BEDROCK, IN THE CHARACTERISTIC RELIEF AREA OF DOLJ COUNTY
26.	Alexandra Teodora RADU, Mariana BURCEA	LOSSES OF SOIL THROUGH EROSION TO THE CHERNOZEM SUBTYPE ARGIC FROM THE PERIMETER OF THE STATION FOR STUDY OF SOIL EROSION LOCATED IN THE HILL AREA OF BUZĂU COUNTY- ROMANIA IN 2023
27.	Daniela RĂDUCU, Irina-Carmen CALCIU, Alina-Carmen GHERGHINA, Alexandrina MANEA, Olga VIZITIU, Anca-Rovena LĂCĂTUȘU	THE IMPURE CLAY COATINGS AS IMPORTANT PEDOFEATURES OF THE PHAEZEM FERTILITY BEARING
28.	Daniela RĂDUCU, Alina-Carmen GHERGHINA	THE CALCIUM CARBONATE EVOLUTION INFLUENCING THE PHYSICO-CHEMICAL CHARACTERISTICS OF THE LONG TERM IRRIGATED CHERNOZEMS AND THEIR CLASSIFICATION
29.	Larisa Elena RÎPA (TOPÂRCEANU), Viorel GHIORȚAN, Georgeta GUȚĂ, Leonard ILIE	RESEARCH ON THE CHARACTERIZATION OF SOIL RESOURCES SPECIFIC TO THE TERRACE AREA IN ROȘEȚI COMMUNE, CĂLĂRAȘI COUNTY

No.	Authors	Paper Title
30.	Alexandru SÎNTU-LĂSAT	RESEARCH ON SOIL AND CROP MACROELEMENTS CONTENT CORELATED WITH LAND RECLAMATION WORKS
31.	Andrei SIURIS, Tamara LEAH	THE INFLUENCE OF ORGANIC FERTILIZERS ON THE QUALITY OF ERODED COMMON CHERNOZEM
32.	Vera STEFANOVA, Manol DALLEV, Petya GENKOVA	A NEW BODY INVESTIGATION FOR SURFACE SOIL FRAGMENTATION BY USING GIS
33.	Daniela TRIFAN, Alin Ionel GHIORGHE, Emanuela LUNGU, Daniel George SERBAN, Vlad MIHAILA	METHODS OF REMEDIATION OF SALINE SOILS IN LONG-TERM EXPERIENCES AND THROUGH RICE CULTIVATION AT ARDS BRAILA
34.	Valentina Mihaela VASILE, Mircea MIHALACHE	THE USE OF SECONDARY PRODUCTS FROM THE STEEL INDUSTRY ON AGRICULTURAL CROPS
35.	Ludmila VOROTYNTSEVA, Sviatoslav BALIUK, Maryna ZAKHAROVA, Evgen SKRYLNIK, Volodymyr GAVRILYUK	AGRONOMIC ASSESSMENT OF THE SUITABILITY OF BOTTOM SEDIMENTS OF PONDS FOR INCREASING SOIL FERTILITY
36.	Nedyalka YORDANOVA, Nikolay MINEV, Svetla KOSTADINOVA	EFFICIENCY OF NITROGEN FERTILIZATION IN WHEAT AND BARLEY GROWN UNDER DIFFERENT FERTILIZATION SYSTEMS

### CROP SCIENCES

1.	Lorena ADAM, Manuela HERMEZIU, Nichita NEGRUSERI	IDENTIFICATION OF SOME POTATO CLONES WITH RELATIVE RESISTANCE TO LATE BLIGHT ( <i>Phytophthora infestans</i> ) IN CENTRAL PART OF ROMANIA
2.	Roxana-Georgiana AMARGHIOALEI, Paula-Lucelia PINTILIE, Elena TROTUȘ, Andreea Sabina PINTILIE, Monica HEREA, Mihai TĂLMACIU	FLIGHT DYNAMICS OF THE SPECIES <i>Diabrotica virgifera virgifera</i> Le Conte IN MAIZE CROPS IN CENTRAL MOLDOVA, IN THE PERIOD 2021-2023
3.	Florin Gabriel ANTON, Laura CONTESCU, Maria JOIȚA-PĂCUREANU, Mihaela POPA, Victor PETCU	PERFORMANCE OF SEVERAL SUNFLOWER HYBRIDS UNDER SEMICONTINENTAL CLIMATE OF SOUTHERN ROMANIA

No.	Authors	Paper Title
4.	Claudia Ramona AVRAM, Ștefan Laurențiu BĂTRÎNA, Ilinca IMBREA, Lucian BOTOȘ, Simona NIȚĂ, Florin CRISTA, Saida FEIER DAVID, Florin IMBREA	STUDY OF AGRONOMIC CHARACTERISTICS OF AN ASSORTMENT OF SWEET CORN HYBRIDS
5.	Andrei BĂNICĂ	THE INFLUENCE OF TILLAGE METHODS AND FERTILIZATION ON TWINNING AND THE OBTAINING OF PRODUCTIVE SIBLINGS IN THE GRAIN SORGHUM IN THE CONDITIONS OF SĂRĂȚENI, IALOMIȚA
6.	Teodora BARAKOVA	INFLUENCE OF THE VEGETATION- APPLIED HERBICIDES “ENVOKE” AND “STAPLE” ON SOME STRUCTURAL ELEMENTS OF PRODUCTIVITY AND YIELD OF COTTON ( <i>Gossypium hirsutum</i> L.)
7.	Ancuța BĂRBIERU	CORRELATION DEPENDENCES OF QUANTITATIVE TRAITS IN WINTER PEA GENOTYPES
8.	Diana BATÎR RUSU, Danela MURARIU, Domnica Daniela PLĂCINTĂ, Cristian TUDOSE, Elena Liliana CHELARIU, Oana MÎRZAN, Margareta NAIE	PHENOTYPIC DIVERSITY OF COMMON BEAN ( <i>Phaseolus vulgaris</i> L.) GERMPASM, A POTENTIAL CROP FOR ENSURING FOOD SECURITY
9.	Halyna BILOVUS, Yulia LISOVA, Oleksandra VOLOSHCHUK, Roman ILCHUK, Mariia VOROBEL, Halyna PANAKHYD, Natalia RUDAVSKA, Valentine HLYVA, Igor VOLOSHCHUK	THE MOST COMMON DISEASES OF WINTER WHEAT IN THE CONDITIONS OF THE WESTERN FOREST-STEPPE OF UKRAINE
10.	Halyna BILOVUS, Maria TERLETSKA, Yulia LISOVA, Halyna MARUKHNIAK, Oleksandra VOLOSHCHUK, Ilchuk ROMAN, Mariia VOROBEL, Ludmyla GAVRYLYUK, Oksana AFANASIEVA, Mykhailenko SVITLANA	RESISTANCE OF WINTER BARLEY TO FUNGAL DISEASES DEPENDING ON THE VARIETY
11.	Alexei BIVOL, Sergiu BĂDĂRĂU, Elena IURCU-STRĂISTARU, Eliza BIVOL, Natalia CĂRLIG	THE RESULTS OF THE RESEARCH OF SOME NEW REMEDIES WITH FUNGICIDAL ACTION ON THE AUTUMN BARLEY CROP IN THE CONDITIONS OF THE REPUBLIC OF MOLDOVA

No.	Authors	Paper Title
12.	Tatyana BOZHANSKA, Magdalena PETKOVA, Minko ILIEV, Mariya GEORGIEVA, Diyan GEORGIEV, Denitsa HRISTOVA	BOTANICAL AND BASIC CHEMICAL COMPOSITION OF FORAGE FROM PERENNIAL GRASS CROPS GROWN IN MONOCULTURE AND MIXED GRASSLAND UNDER MOUNTAIN CONDITIONS
13.	Petre Marian BREZEANU, Mariana CALARA, Andreea Beatrice CATANĂ, Denisa SEVERIN, Andreea ANTAL TREMURICI, Creola BREZEANU	GENOMIC APPROACHES AND GERMPLASM DIVERSITY FOR CHICKPEA IMPROVEMENT
14.	Ciprian BUZNA, Marinel Nicolae HORABLAGA, Florin SALA	IMAGING ANALYSIS IN CORN CROP EVALUATION UNDER HYDRIC STRESS CONDITION
15.	Andrei CHIRILOAIE-PALADE, Mihai GÎDEA, Viorel FĂTU, Roxana ZAHARIA	RESEARCH ON THE INFLUENCE OF CLIMATIC PARAMETERS ON THE GEOGRAPHICAL DISTRIBUTION OF THE PEST <i>Tanymeus dilaticollis</i> Gyll. IN THE ROMANIAN PLAIN
16.	Andrei CHIRILOAIE-PALADE, Mihai GÎDEA, Valentin-Marius CIONTU, Raluca-Gabriela GEORGESCU	MAIZE INSECT PEST MANAGEMENT IN A CHANGING CLIMATE - A REVIEW
17.	Lilia CHIȘNICEAN, Tamara JELEZNEAC, Zinaida VORNICU	COMMON BASIL IN THE REPUBLIC OF MOLDOVA - ACHIEVEMENTS AND PROSPECTS
18.	Elena CIOCAN (NUNCĂ), Șerban Cătălin DOBRE, Doru Ioan MARIN	RESEARCH ON WHEAT SEED GERMINATION AS A FUNCTION OF TEMPERATURE, UNDER THE INFLUENCE OF TREATMENT WITH BIOSTIMULATORS AND AT DIFFERENT LEVELS OF FERTILIZATION
19.	Valentin-Marius CIONTU, Daniel JALOBĂ, Marga GRĂDILĂ, Mihai GÎDEA	RESEARCH ON THE INFLUENCE OF TILLAGE AND VARIETY ON CHICKPEA PRODUCTION IN PEDOCLIMATIC CONDITIONS FROM MOARA DOMNEASCĂ, ROMANIA
20.	Catalina Beatrice COJOCARIU, Ilinca Merima IMBREA, Diana OBIȘTIOIU, Gheorghe DAVID, Georgeta POP	EVALUATION OF THE ANTIMICROBIAL ACTIVITY OF THE MONOECIOUS HEMP ( <i>Cannabis sativa</i> L.) SEED OIL, VARIETY MARA 21
21.	Bogdan COZMA, Ilinca Merima IMBREA, Ștefan Laurențiu BĂTRÎNA, Antoanela COZMA, Florin IMBREA	THE CURRENT STATE OF KNOWLEDGE REGARDING OAT CULTIVATION TECHNOLOGY

No.	Authors	Paper Title
22.	Raluca Monica CRISTEA, Marga GRĂDILĂ, Daniel JALOBĂ, Valentin-Marius CIONTU, Doru Ioan MARIN	INFLUENCE OF SOWING TIME ON YIELD COMPONENTS OF WINTER BARLEY ( <i>Hordeum vulgare</i> L.)
23.	Raluca Monica CRISTEA, Marga GRĂDILĂ, Daniel JALOBĂ, Valentin-Marius CIONTU, Doru Ioan MARIN	EFFECT OF SOWING DENSITY ON QUANTITY AND QUALITY OF PRODUCTION IN WINTER BARLEY ( <i>Hordeum vulgare</i> L.)
24.	Zinaida DEHTIAROVA, Olena ZAIARNA, Yurii DEHTIAROV, Victor BUDYONNY	PECULIARITIES OF SUNFLOWER DISEASES DEVELOPMENT IN THE LEFT-BANK FOREST-STEPPE OF UKRAINE
25.	Vanya DELIBALTOVA, Svetlana MANHART, Istiliyan STOYCHEV, Martin NEDYALKOV	COMPARATIVE RESEARCH OF PRODUCTIVE AND QUALITATIVE INDICATORS IN LAVENDER VARIETIES CULTIVATED IN EASTERN BULGARIA
26.	Milica DIMA, Reta DRĂGHICI, Aurelia DIACONU, Ștefan NANU, Maria-Florentina BĂJENARU, Mirela PARASCHIVU	RESULTS ON THE CORRELATION BETWEEN FLOWERING AND PRODUCTIVITY IN SOME PEANUTS GENOTYPES GROWN ON SANDY SOILS IN SOUTHERN OLTENIA
27.	Evgeniy DIMITROV, Zlatina UHR, Rangel DRAGOV, Teodora ANGELOVA	PHENOTYPIC DISTANCE OF BULGARIAN AND HUNGARIAN COMMON WINTER WHEAT GENOTYPES
28.	Georgi DIMITROV	GROWING POTATOES WITH REDUCED TILLAGE
29.	Valentina DIMITROVA, Spasimira NEDYALKOVA, Minka KOLEVA	HETEROSIS BASED ON MALE STERILITY IN COTTON
30.	Ana Maria DODOCIOIU, Gilda-Diana BUZATU	THE INFLUENCE OF MINERAL FERTILIZERS ON THE DYNAMICS OF THE ACCUMULATION OF MAIN MACROELEMENTS IN THE SOIL AND IN WHEAT PLANTS
31.	Rangel DRAGOV, Evgeniy DIMIRTOV, Teodora ANGELOVA, Zlatina UHR	GRAIN YIELD STABILITY ANALYSIS USING PARAMETRIC AND NONPARAMETRIC STATISTICS OF BULGARIAN AND HUNGARIAN COMMON WINTER WHEAT GENOTYPES

No.	Authors	Paper Title
32.	Carmen Claudia DURĂU, Codruța CHIS, Nicolae Marinel HORABLAGA, Christianna-Maria ISTRATE- SCHILLER, Dorin RECHIȚEAN, Casiana Doina MIHUȚ, Daniela SCEDEI, Daniel DICU	PRODUCTIVITY ASPECTS OF SOME ANNUAL FORAGE MIXTURES IN THE CONDITIONS OF BANAT PLANE
33.	Elena Mirela DUȘA, Mihaela VASILE, Ana-Maria STANCIU, Ciprian BOLOHAN, Mădălin RADU, Vasilica STAN	YIELD AND GRAIN QUALITY OF WINTER WHEAT UNDER SHORT-TERM ORGANIC AND MINERAL FERTILIZATION IN A SYLVOSTEPPE AREA FROM ROMANIA
34.	Stanimir ENCHEV, Tzvetan KIKINDONOV, Georgi KIKINDONOV	ENRICHMENT OF THE SALAD BEET GENE POOL
35.	Adrian FILIP, Niculae DINCĂ, Ana-Maria STANCIU, Daniel DUNEA	CANOPY STRUCTURE AND LIGHT INTERCEPTION IN <i>Dactylis glomerata</i> , <i>Medicago sativa</i> and <i>Trifolium repens</i> : A NEXUS AMONG BIOLOGICAL EFFICIENCY AND FORAGE PRODUCTION
36.	Jakub FRANKOWSKI, Dominika SIERACKA, Anna PRZYBYLSKA-BALCEREK	CULTIVATION OF SORGHUM IN POLAND AND ITS BIOACTIVE COMPOUNDS CONTENT
37.	Stoyan GEORGIEV, Stefan RASHEV, Nedyalka PALAGACHEVA, Sara IVANOVA	DEVELOPMENT OF DURUM WHEAT ( <i>Triticum turgidum</i> subsp. <i>durum</i> (Desf.) Husn.) GROWN AFTER A DIFFERENT PREDECESSOR UNDER ORGANIC FARMING CONDITIONS
38.	Rumyana GEORGIEVA	SESSMENT OF THE PRODUCTIVE POTENTIAL AND ESSENTIAL OIL QUALITY OF <i>Salvia sclarea</i> AFTER LEAF TREATMENT
39.	Tonya GEORGIEVA, Yordan YORDANOV, Malgozhata BEROVA	YIELD AND STRUCTURAL COMPONENTS OF THE SPIKE OF LOCAL SPECIES OF <i>Triticum dicoccum</i> Sch., <i>Triticum spelta</i> L. AND <i>Triticum monococcum</i> L. IN THE CONDITIONS OF CENTRAL SOUTH BULGARIA
40.	Veska GEORGIEVA, Valentin KAZANDJIEV, Stoyan GEORGIEV, Stephan RASHEV, Daniela VALKOVA, Gallina MIHOVA, Dragomr VALCHEV, Vesselina DOBREVA	AGRO-CLIMATIC CONDITIONS FOR GROWING OF SUNFLOWER IN DIFFERENT CLIMATIC AREA IN BULGARIA

No.	Authors	Paper Title
41.	Robert Marian GHEORGHE, Georgeta TRĂȘCĂ, Cristina GHIORGHE	THE INFLUENCE OF SEED TREATMENT ON GRAIN YIELD AND THEIR QUALITY IN SOME VARIETIES AND LINES OF WHEAT ( <i>Triticum aestivum</i> L.)
42.	Alin-Ionel GHIORGHE, Gabriela Alina CIROMELE, Daniela TRIFAN, Nicoleta AXINTI, Luxița RÎȘNOVEANU, Marian BRĂILĂ, Emanuela LUNGU	COMPARATIVE ANALYSIS OF VARIOUS WINTER WHEAT VARIETIES CULTIVATED UNDER THE CLIMATIC CONDITIONS OF ARDS BRAILA
43.	Mykola GRABOVSKYI, Mykola LOZINSKYI, Leonid KOZAK, Yriy FEDORUK, Taras PANCHENKO, Oleksandr GORODETSKYI, Serhii NIMENKO	FORMATION OF PRODUCTIVITY AND QUALITY INDICATORS OF SOYBEAN GRAIN DEPENDING ON THE ELEMENTS OF ORGANIC CULTIVATION TECHNOLOGY
44.	Ana GUȚU, Victor ȚÎȚEI, Igori CASIAN, Ana CASIAN, Mihaela ABABII, Natalia CÎRLIG, Victor MELNIC, Alexei ABABII	SOME AGROBIOLOGICAL PECULIARITIES AND QUALITY INDICES OF BIOMASS OF <i>Macleaya cordata</i> "MIHAELA"
45.	Iryna HASANOVA, Yanina ASTAKHOVA, Nataliia NOZDRINA, Mykola SOLODUSHKO, Oleksandr PEDASH, Olena DRUMOVA, Natalia ZAVALYPICH	FORMATION OF YIELD AND BIOCHEMICAL PARAMETERS OF WINTER WHEAT GRAIN DEPENDING ON AGRONOMIC PRACTICES OF CULTIVATION
46.	Ioana Alina HÎNDA, Ștefan Laurențiu BĂTRÎNA, Lucian BOTOȘ, Simona NIȚĂ, Florin IMBREA	RESEARCH REGARDING THE INFLUENCE OF INTERMEDIATE CROPS ON POTATO HARVEST AND QUALITY FOR CONSUMPTION
47.	Paula IANCU, Marin SOARE, Ovidiu Florin PĂNIȚĂ	EFFECT OF MICRONUTRIENTS APPLIED TO WINTER WHEAT
48.	Elena IURCU-STRĂISTARU, Ion TODERAȘ, Alexei BIVOL, Ștefan RUSU, Natalia CÎRLIG, Eliza BIVOL, Ana GUȚU	HELMINTOLOGICAL BIOLOGICAL CONTROL IN SOYBEAN ( <i>Glycine max</i> L.) UNDER THE CONDITIONS OF THE REPUBLIC OF MOLDOVA
49.	Gergana IVANOVA-KOVACHEVA, Iliana IVANOVA, Lyubomir IVANOV, Galın GINCHEV	EFFECT OF DIFFERENT TYPES OF MINERAL FERTILIZATION ON YIELDS AND RESISTANCE TO PHYTOPATHOGENS AND ENVIRONMENTAL STRESS IN WHEAT
50.	Florin Mădălin JENARU	THE INFLUENCE OF DIFFERENT TYPES OF COMPLEX FERTILIZERS DEPENDING ON THE METHOD OF APPLICATION ON THE PRODUCTION OF THE SUNFLOWER CROP



No.	Authors	Paper Title
51.	Raul Cristian JURCUT, Florin IMBREA, Ștefan Laurențiu BĂTRÎNA, Lucian BOTOȘ, Alexandra Ioana IBRIC	ANALYZING THE IMPACT OF CLIMATE VARIATIONS AND FERTILIZER APPLICATION ON SOYBEAN CULTIVATION ACROSS WESTERN, SOUTHERN AND CENTRAL REGION OF ROMANIA
52.	Neli KERANOVA	STUDY OF THE ECOLOGICAL STABILITY OF SOME ESSENTIAL-OIL AND OILSEED TECHNICAL CROPS IN BULGARIA
53.	Hristofor KIRCHEV, Rumyana GEORGIEVA, Vanya DELIBALTOVA	VARIABILITY OF SOME INDICATORS OF TRITICALE VARIETIES (× <i>Triticosecale</i> Wittm.) COMPARED TO THE GRAIN YIELD
54.	Tanko KOLEV, Zhivko TODOROV	TESTING NEW DURUM WHEAT VARIETIES FOR PRODUCTIVITY
55.	Minka KOLEVA, Neli VALKOVA, Spasimira NEDYALKOVA	NEW BULGARIAN HIGH YIELDING COTTON VARIETIES - KRISTAL, ORFEY AND SNEJINA
56.	Vira KONOVALOVA, Volodymyr KONOVALOV, Andrii TYSHCHENKO, Olena TYSHCHENKO, Viktor SHARII, Kateryna FUNDIRAT, Serhii ROI, Nadiia REZNYCHENKO	INFLUENCE OF IRRIGATION METHODS AND REGIMES ON SESAME SEED YIELD
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36.	Victor ȚÎȚEI	THE EVALUATION OF THE BIOMASS QUALITY OF TALL OATGRASS, <i>Arrhenatherum elatius</i> (L.) Beauv, AND PROSPECTS OF ITS USE IN MOLDOVA
37.	Fulvia Florica VLAD, Beatrice Michaela IACOMI	PATHOGENIC MYCOBIOTA OF ORNAMENTAL PLANTS FROM GREEN AREA IN THE CITY OF BUCHAREST, ROMANIA
38.	Veselka VLAHOVA	ENVIRONMENTAL ADVANTAGES OF THE USE OF BIOFERTILIZERS IN THE AGROECOSYSTEM - A REVIEW
39.	Ioan ALEXANDRU, Elena Ștefania IVAN	RESEARCH ON THE ATTACK OF MONILIOSIS ON PLUM, LOCATION SOIMARI, COUNTY, PRAHOVA, IN THE PERIOD 2017-2019



## Section 2

# HORTICULTURE

## SCIENTIFIC COMMITTEE OF THE SECTION 2 - HORTICULTURE

- Bekir Erol AK - University of Harran, Sanliurfa, Turkey
- Arina Oana ANTOCE - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Adrian ASĂNICĂ - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Liliana BĂDULESCU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Valentina BOZHKOVA - Fruit Growing Institute, Plovdiv, Bulgaria
- Daniela CICHI - University of Craiova, Romania
- Mirela CORDEA - University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania
- Sina COSMULESCU - University of Craiova, Romania
- Elena DELIAN - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Alin DOBREI - University of Life Sciences "King Mihai I" from Timișoara, Romania
- Elisabeta DOBRESCU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Lucia DRAGHIA - "Ion Ionescu de la Brad" University of Life Sciences of Iași, Romania
- Franco FAMIANI - Università degli Studi di Perugia, Italy
- Gheorghe GLĂMAN - President of the Romanian Horticultural Society, Romania
- Luca Corelli GRAPPADELLI - University of Bologna, Italy
- Dorel HOZA - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Károly HROTKÓ - Corvinus University of Budapest, Hungary
- Olimpia IORDĂNESCU - University of Life Sciences "King Mihai I" from Timișoara, Romania
- Karsten KLOPP - Obstbauversuchsanstalt Jork, Germany
- Mekjell MELAND - Norwegian Institute of Agricultural and Environmental Research - Bioforsk, Norway
- Carmen MANOLE - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Viorel MITRE - University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania
- Adrian PETICILĂ - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Silvano SANSVINI - University of Bologna, Italy
- Radu SESTRĂȘ - University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania
- Alvaro STANDARDI - University of Perugia, Italy
- Florin STĂNICĂ - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania

- Dorin SUMEDREA - National Research-Development Institute for Biotechnology in Horticulture Stefanesti-Arges, Romania
- Florin TOMA - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Valerica TUDOR - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Cristos XILOYANNIS - University of Pisa, Italy

#### **ORGANIZING COMMITTEE OF THE SECTION 2 - HORTICULTURE**

- Adrian PETICILĂ
- Adrian ASĂNICĂ
- Cosmin MIHAI
- Sorina PETRA
- Elisabeta DOBRESCU
- Lenuța CHIRA

## SECTION 2 – HORTICULTURE

*Horticulture Section Chairman:*  
*Assoc. Prof. Dr. Adrian PETICILĂ*

*Horticulture Section Co-Chair:*  
*Prof. Dr. Adrian ASĂNICĂ*

*Horticulture Section Rapporteur:*  
*Prof. Dr. Liliana BĂDULESCU*

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**Venue:**

**University of Agronomic Sciences and Veterinary Medicine of Bucharest  
Horticulture Faculty**

**Web:** <https://agricultureforlife.usamv.ro>; <https://www.horticultura-bucuresti.ro>

## DAY 1 – THURSDAY, JUNE 6

### *Horticulture Faculty*

14:00-16:00	<i>Opening session and Papers Presentations</i>	<i>Horticulture Faculty, Aula Nicolae Constantinescu</i>
16:00-16:30	<i>Coffee break</i>	<i>Ground Floor, Main Hall</i>
16:30 -17:30	<i>Posters display and viewing</i>	<i>Ground Floor, Main Hall</i>
19:00-21:30	<i>Official Gala Dinner- Cultural Event -</i>	<i>CERES Restaurant, USAMV Campus</i>

## DAY 2 – FRIDAY, JUNE 7

### *Horticulture Faculty*

08:00-09:00	<i>Arrival and registration of participants; Poster display</i>	<i>Ground Floor, Main Hall</i>
09:00-11:00	<i>Papers presentation I</i>	<i>Horticulture Faculty, Aula Nicolae Constantinescu</i>
11:00-11:30	<i>Coffee break; Viewing posters and discussions</i>	<i>Ground Floor, Main Hall</i>
11:30-13:30	<i>Papers Presentations II</i>	<i>Horticulture Faculty, Aula Nicolae Constantinescu</i>
13:30-14:30	<i>Lunch</i>	<i>Ground Floor, Main Hall</i>
14:30-15:30	<i>Papers Presentations III</i>	<i>Horticulture Faculty, Aula Nicolae Constantinescu</i>
15:30-16:00	<i>Coffee break</i>	<i>Ground Floor, Main Hall</i>
16:00-17:30	<i>Viewing posters and discussions</i>	<i>Ground Floor, Main Hall</i>
17:30-18:00	<i>Final Discussions and Conclusions</i>	<i>Horticulture Faculty, Aula Nicolae Constantinescu</i>



THURSDAY, 6<sup>th</sup> JUNE, 2024

## ORAL PAPER PRESENTATIONS

*Session Moderators:* Prof. Dr. Adrian ASĂNICĂ  
Prof. Dr. Liliana BĂDULESCU  
Prof. Dr. Mihaela GEORGESCU  
Assoc. Prof. Dr. Adrian PETICILĂ

*Horticulture Faculty,  
Aula Nicolae Constantinescu*

No	Time	Authors	Paper Title
14:00 <b>Opening Session</b>			
<i>Papers Presentations</i>			
1	14:15	<b>Dorin Ștefan DUȘA,</b> Robert Traian HEIZER, Mirela Gabriela HEIZER, Sabin Ioan BANIȚĂ, Anamaria CĂLUGĂR, Dragoș George CONSTANTINESCU, Alin DOBREI, Claudiu Ioan BUNEA	CABERNET SAUVIGNON VARIETY BEHAVIOURAL ANALYSIS IN ROMANIAN VINEYARDS AREAS UNDER THE CLIMATE CHANGE INFLUENCES
2	14:30	<b>Luminița Antonela ZAGRAI,</b> Ioan ZAGRAI, Georgeta Maria GUZU, Smaranda Doina ROȘU-MAREȘ, Claudiu MOLDOVAN	IS SYMPTOMATOLOGY A RELIABLE TOOL FOR PLUM POX VIRUS MONITORING?
3	14:45	<b>Patricia Maria POPA,</b> Maria DINU, Sina Niculina COSMULESCU	RESEARCH ON THE VARIABILITY OF PHENOLOGICAL CHARACTERISTICS IN GARLIC GENOTYPES AND THE INFLUENCE OF ENVIRONMENTAL FACTORS ON DIFFERENT VEGETATIVE STAGES

No	Time	Authors	Paper Title
4	15:00	<b>Alexandru MEXI,</b> Daniela-Ioana GUJU, Gabor-Giovani LUCA	A CULTURAL LANDSCAPE OF CASTLE AND MANOR PARKS AND GARDENS NEAR AND AROUND BUCHAREST. CASE STUDY OF THE CATARGIU ESTATE IN MAIA
5	15:15	<b>Daniel RĂDUȚOIU</b>	THE IMPACT OF THE SPECIES <i>ELODEEA NUTTALLII</i> ON NATURAL AQUATIC HABITATS IN OLTENIA, ROMANIA
6	15:30	<b>Smaranda Doina ROȘU-MAREȘ,</b> Luminita Antonela ZAGRAI, Ioan ZAGRAI, Zsolt JAKAB-ILYEFALVI, Anca Maria CHIOREAN, Vasile FLORIAN	CLIMATE CHANGE AND THE NATURAL INFECTION OF APPLE TREES WITH <i>ERWINIA</i> <i>AMYLOVORA</i> BURRILL IN NORTHERN TRANSYLVANIA
7	15:45	<b>Adrian ASĂNICĂ</b>	CLIMATE SMART FARMING IN ROMANIA - THE VEGETAL SECTOR
	16:00- 16:30	<i>Coffee break</i>	<i>Ground Floor, Main Hall</i>
	16:30- 17:30	<i>Posters display and viewing</i>	<i>Ground Floor, Main Hall</i>
	19:00- 21:30	<i>Official Gala Dinner</i> <i>- Cultural Event -</i>	<i>CERES Restaurant,</i> <i>USAMV Campus</i>

FRIDAY, 7<sup>th</sup> JUNE, 2024

## ORAL PAPER PRESENTATIONS

*Session Moderators:* Prof. Dr. Adrian ASĂNICĂ  
Prof. Dr. Liliana BĂDULESCU  
Prof. Dr. Mihaela GEORGESCU  
Assoc. Prof. Dr. Adrian PETICILĂ

*Horticulture Faculty,  
Aula Nicolae Constantinescu*

No	Time	Authors	Paper Title
1	09:00	<b>Adrian ASĂNICĂ,</b> Raluca CIUBOTĂRAȘU, Monica STURZEANU, Oana HERA	MORPHOLOGICAL TRAITS OF SOME <i>LONICERA</i> SP. VARIETIES AFTER FIRST YEARS GROW IN ROMANIA
2	09:15	<b>Alexandru BUCUR,</b> Ana Cornelia BUTCARU, Cosmin Alexandru MIHAI, Florin STĂNICĂ	WINFOLIA SYSTEM – INSTRUMENT FOR PEST AND DISEASE ATTACK EVALUATION IN PEACH AND NECTARINE ORCHARD
3	09:30	<b>Arina Oana ANTOCE,</b> George Adrian COJOCARU	IMPACT ON UV-VISIBLE SPECTROSCOPY PARAMETERS OF TAMAIOASA ROMANEASCA WINES FROM MUSTS CLARIFIED WITH PEA PROTEIN BASED FINING AGENTS
4	09:45	<b>Aurica SOARE,</b> Ștefania Claudia DRAGOMIR	A RESEARCH ON THE USE OF ORGANIC FERTILIZERS APPLIED TO TOMATO PRODUCTION -
5	10:00	<b>Daniela Clara MIHAI,</b> Mihaela Ioana GEORGESCU, Alina Georgiana CÎȘLARIU, Mioara DUMITRAȘCU, Petronela CAMEN-COMĂNESCU, Florin TOMA	ANATOMICAL RESEARCH OF THE VEGETATIVE BODY OF <i>IMPATIENS GLANDULIFERA</i> , AN ORNAMENTAL PLANT THAT HAS BECOME INVASIVE

No	Time	Authors	Paper Title
6	10:15	<b>Valentina PONOMARENKO</b> , Lyudmila VEGERA, Tetiana KOPYLOVA, Olha POROKHNIAVA, Yurii RUMIANOV	THE ROLE OF OLD-GROWTH TREES IN THE COMPOSITIONAL STRUCTURE OF THE ELYSIAN FIELDS SITE OF THE SOFIYIVKA NATIONAL DENDROLOGICAL PARK AND THE PROBLEMS OF THEIR CONSERVATION AND RESTORATION
7	10:30	<b>Ina VLADIMIR (ASIMINEI)</b> , Mirela COJOCARIU	THE USE OF NATURAL MATERIALS IN THE DESIGN OF URBAN PLAYGROUNDS: A SUSTAINABLE APPROACH IMPORTANT FOR THE COMMUNITY
8	10:45	<b>Stefka ATANASSOVA</b> , Mima TODOROVA, Stanislava ATANASSOVA, Dimitar YORGOV, Vania SKILA, Petya VELEVA, Galina PEVICHAROVA	NON-DESTRUCTIVE ASSESSMENT OF STRAWBERRY FRUIT QUALITY
	<b>11:00-11:30</b>	<b>Coffee break</b>	<b>Ground Floor, Main Hall</b>
9	11:30	<b>Kristina Ilektra MAKNEA</b> , Nikolaos THYMAKIS, Julia Nerantzia TZORTZI, Adrian Constantin ASANICA	CITIZENS AND URBAN HORTICULTURE RELATIONSHIP AFTER COVID-19 PANDEMIC: FACTS FROM ROMANIA, GREECE AND CYPRUS
10	11:45	<b>Alina - Ștefana OZARCHEVICI</b> , Maria APOSTOL, Ciprian CHIRUȚĂ, Roberto BERNARDIS RENATO, Lucia DRAGHIA	THE BEHAVIOR OF SOME DECORATIVE VARIETIES OF <i>IPOMOEA BATATAS</i> IN DIFFERENT CULTURE SYSTEMS AND TYPES OF SUBSTRATE
11	12:00	<b>Mihaela IORDĂCHESCU</b> , <b>Anca-Amalia UDRIȘTE</b> , <b>Liliana BĂDULESCU</b>	FROM GENES TO COLORS: MYB1 VARIABILITY IN ROMANIAN APPLE VARIETIES

No	Time	Authors	Paper Title
12	12:15	<b>Claudia Loredana DRAGOMIR</b> , Gheorghita HOZA, Alexandra BECHERESCU, Liliana BĂDULESCU, Aurora DOBRIN, Mihai FRÎNCU, Dorel HOZA	THE INFLUENCE OF BENEFICIAL BACTERIA ON SOIL AND TOMATO ROOTS
13	12:30	<b>Amelia PETRESCU</b> , Dorel HOZA	A REVIEW OF BLACKCURRANT CULTURE TECHNOLOGY
14	12:45	<b>Dorin Ștefan DUȘA</b> , Robert Traian HEIZER, Mirela Gabriela HEIZER, Sabin Ioan BANIȚĂ, Anamaria CĂLUGĂR, Dragoș George CONSTANTINESCU, Alin DOBREI, Claudiu Ioan BUNEA	ROMANIAN VINEYARD AREAS AND THE EVOLUTION OF WINES WITH TRACEABILITY IN THE PERIOD 2007-2022, USING EUROPEAN RESTRUCTURING/ RECONVERSION FUNDS
15	13:00	<b>Elena MELUȚ</b> , Mihaela Ioana GEORGESCU	MORPHOLOGICAL AND BIOLOGICAL STUDIES ON <i>IRIS SUAVEOLENS</i> BOIS. & REUT. IN THE SOUTHERN REGION OF ROMANIA
16	13:15	<b>Roxana CICEOI</b> , Oana VENAT	COLD PLASMA TECHNOLOGY IN ENHANCING POST-HARVEST MANAGEMENT AND SECURITY
17	13:30	<b>Daniel RĂDUȚOIU</b> , Laurențiu BĂLONIU	NATURA 2000 HABITATS FROM OLTENIA AFFECTED - INVASIVE AND POTENTIALLY INVASIVE SPECIES (II)
	<b>13:30-14:30</b>	<b>Lunch</b>	<b>Ground Floor, Main Hall</b>
18	14:30	<b>Vlăduț Alexandru OPRIȚĂ</b>	DETERMINATIONS REGARDING THE PERCENTAGE OF KERNELS OBTAINED THROUGH DIRECTED HYBRIDIZATION OF THE APRICOT SPECIES AT SCDP CONSTANȚA

19	14:45	<b>Alina BUTU</b> , Marian BUTU, Steliana RODINO	PLANT BASED EDIBLE COATINGS FOR BUILDING THE SUSTAINABILITY OF THE FOOD CHAIN TOWARDS BIOECONOMY
20	15:00	<b>Ciprian CHIRUȚĂ</b> , Iulian STOLERIU, Marius CĂLIN, Emilian BULGARIU, Mirela COJOCARIU	A MULTIPLE LINEAR REGRESSION MODEL TO ESTIMATE THE PLANT COVERAGE OF A GREEN WALL SYSTEM
21	15:15	<b>Larisa Theodora TILINCA</b> , Florin STANICĂ.	INFLUENCE OF THE PROTECTIVE NETS ON FRUIT PRODUCTION IN MODERN ORCHARDS - A REVIEW
	15:30- 16:00	<i>Coffee break</i>	<i>Ground Floor, Main Hall</i>
	16:00- 17:30	<i>Viewing posters and discussions</i>	<i>Ground Floor, Main Hall</i>
	17:30- 18:00	<i>Final Discussions and Conclusions</i>	<i>Horticulture Faculty, Aula Nicolae Constantinescu</i>

# POSTER SESSION

## FRUIT GROWING

*Ground Floor, Main Hall*

No	Authors	Paper Title
1.	Valerian BĂLAN, Sergiu VAMASESCU, Corneliu BUZA, Dumitru TALPALARU, Stanislav RUSSU	THE IMPACT OF THE CULTIVATION SYSTEM ON THE YIELD AND QUALITY OF SWEET CHERRIES
2.	Inna BILICI	STRUCTURE OF THE VEGETATIVE ASSEMBLY OF APPLE TREES ACCORDING TO AGE AND THE BIOLOGICAL CHARACTERISTICS OF THE VARIETY
3.	Mihai CHIVU, Mihaela PARASCHIV, Madalina BUTAC, Adrian ASĂNICĂ	PHYTOCHEMICAL COMPOSITION CHANGES OF SWEET CHERRY FRUITS RELATED TO APPLICATION OF SOME TREATMENTS TO REDUCE SWEET CHERRY FRUIT CRACKING
4.	Mihai CHIVU, Mihaela PARASCHIV, Madalina BUTAC, Adrian ASĂNICĂ	CORRELATION BETWEEN SWEET CHERRY QUALITY TRAITS AND FRUIT CRACKING INDEX AT THREE ROMANIAN VARIETIES
5.	Mihai CICHI	THE SPECIFICS OF ROOTING, GROWTH AND FRUITING OF SOME APPLE VARIETIES IN THE CONDITIONS OF THE SOUTH OF THE COUNTRY
6.	Oana Elena TOAȘCĂ (COJOCARU), Cristina PETRIȘOR, Catalin Viorel OLTENACU, Mihai GÎDEA	IMPROVING FRUIT QUALITY AND STORABILITY USING POSTHARVEST TREATMENTS WITH BENEFICIAL MICROBES AND NATURAL COMPOUNDS – AN OVERVIEW
7.	Ionuț DASCĂLU, Olimpia Alina IORDĂNESCU, Isidora RADULOV, Adina BERBECEA, Ersilia ALEXA, Ileana COCAN	THE EFFECT OF SOME FOLIAR FERTILIZERS ON FRUIT QUALITY OF PEACH

No	Authors	Paper Title
8.	Mihaela DOGARU, Mircea MIHALACHE, Gabriela POPA, Viorel Catalin OLTENACU, Nicoleta BUTISEACA, Maria STOIAN	THE EFFECT OF THE CULTURE SUBSTRATE ON THE CONTENT OF BIOACTIVE COMPOUNDS IN SOME RASPBERRY GENOTYPES
9.	Maria GEORGIEVA, Diyan GEORGIEV, Tatyana BOZHANSKA	ASSESSMENT OF THE BIOCHEMICAL QUALITIES AND COLOUR PARAMETERS OF FRESH AND FROZEN FRUITS OF HIGHBUSH BLUEBERRIES GROWN IN BULGARIA
10.	Diyan GEORGIEV, Maria GEORGIEVA, Denitsa HRISTOVA, Tatyana BOZHANSKA	THE IMPACT OF VARIOUS FERTILIZING SCHEMES ON THE BIOCHEMICAL COMPOSITION OF ARONIA FRUITS
11.	Iuliana Elena GOLACHE, Monica HEREA, Ionel PERJU, Iulia MINEAȚĂ, Ionuț Vasile UNGUREANU, Mihai TĂLMACIU	OBSERVATIONS ON ARTHROPODS EXISTING IN SOME ARONIA PLANTATIONS IN THE NE AREA OF ROMANIA
12.	Oana HERA, Elena PĂDUROIU (BUNDĂ), Ioana Teodora MĂRGĂRITescu, Loredana Elena VÎJAN	EVALUATION OF BLUEBERRY FRUITS AND JUICE OF SOME CULTIVARS GROWN IN PITESTI - MARACINENI, ROMANIA
13.	Oana HERA	THE ORIGIN OF ROMANIAN BLUEBERRY CULTIVARS
14.	Oana HERA, Monica STURZEANU, Mezyana Georgiana PIRVA, Andreea Irina MOISE, Loredana Elena VIJAN	EVALUATION OF SOME BLACKCURRANT CULTIVARS ACCORDING TO FRUIT QUALITY PARAMETERS
15.	Theodora HRIBAN, Florin STANICA	IN VITRO CULTURE OF KIWIFRUIT SPECIES ( <i>ACTINIDIA</i> SP.) – A REVIEW
16.	Mihaela IORDĂCHESCU, Anca-Amalia UDRIȘTE, Liliana BĂDULESCU	FROM GENES TO COLORS: MYB1 VARIABILITY IN ROMANIAN APPLE VARIETIES
17.	Velika KUNeva, Galya DOBREVSKA, Manol DALLEV	ASSESSMENT OF TECHNOLOGICAL APPROACHES FOR THE PRODUCTION OF APPLE MAT M9 BASED ON MATHEMATICAL AND STATISTICAL ANALYSIS



No	Authors	Paper Title
18.	Eugenia GHERGHINA (MAREȘI), Mihaela PARASCHIV, Mădălina MILITARU, Dorel HOZA	COMERCIAL AND BIOCHEMICAL QUALITY OF ROMANIAN PEAR GENOTYPES
19.	Cosmin Alexandru MIHAI, Ana Cornelia BUTCARU, Florin STĂNICĂ	GRAFTING METHODS FOR <i>DIOSPYROS VIRGINIANA</i> L. AND <i>DIOSPYROS KAKI</i> THUNB. HYBRIDS PROPAGATION
20.	Teodora MIHOVA, Petko MINKOV	PERSPECTIVE VARIETIES AND FORMS OF <i>PRUNUS CERASIFERA</i> FROM THE TROYAN REGION, EXHIBITING RESILIENCE TO EXTREME CLIMATIC FACTORS
21.	Casiana MIHUȚ, Daniela SCEDEI, Vlad Dragoslav MIRCOV, Codruța CHIȘ	INFLUENCE OF SOIL AND CLIMATE CONDITIONS ON SOME QUALITATIVE INDICES IN SOME CULTIVARS OF <i>PRUNUS CERASUS</i>
22.	Ionel PERJU, Iulia MINEAȚĂ, Ionuț Vasile UNGUREANU, Sorina SÎRBU, Iuliana Elena GOLACHE, Elena IUREA	AGROPRODUCTIVE EVALUATION OF SOME SWEET CHERRY CULTIVARS IN THE PEDOCLIMATIC CONDITIONS OF N-E ROMANIA
23.	Petko MINKOV, Nedyalka PALAGACHEVA, Diyani GEORGIEV, Vasiliy DZHUVINOV, Ivan ARABADZHIEV	DAMAGE - <i>DROSOPHILA SUZUKII</i> MATSUMURA FRUITS OF BLACKCURRANT CULTIVAR TITANIA
24.	Cristina MOALE, Leinar SEPTAR	USE OF ECOLOGICAL METHODS TO CONTROL PATHOGENS AND PESTS IN APRICOT THE SOUTHERN AREA OF ROMANIA
25.	Sabin MOLNAR, Doina CLAPA, Amal DAGNI, Loredana LEOPOLD, Monica HÂRȚA, Ioan Claudiu BUNEA	MORPHO-BIOCHEMICAL RESPONSE OF BLUEBERRY CULTIVAR HORTBLUE PETITE UNDER DROUGHT STRESS INDUCED - PEG 6000
26.	Silvia NICOLAE, Mădălina BUTAC, Mihai CHIVU	COMPARATIVE STUDY IN THE NURSERY OF VEGETATIVE PLUM ROOTSTOCKS, 'MIRODAD 1' AND 'SAINT JULIEN A'

No	Authors	Paper Title
27.	Maria OJOG, Mihaela IORDĂCHESCU, Adrian ASĂNICĂ, Dan POPESCU, Liliana BĂDULESCU	SENSORIAL ANALYSIS FOR SOME ROMANIAN AND FOREIGN BLUEBERRY VARIETIES
28.	Catalin Viorel OLTENACU	PRODUCTIVITY AND FRUIT QUALITY OF SOME CHERRY VARIETIES CONDITIONED - TECHNOLOGICAL AND CLIMATIC ELEMENTS IN THE ROMANIAN PLAIN
29.	Valentin-Ion PĂUN, Dorin Ioan SUMEDREA, Florin STANICĂ, Adrian ASĂNICĂ	REGENERATIVE AGRICULTURE
30.	Mihaela PARASCHIV1, Eugenia MARESI, Mădălina MILITARU, Dorel HOZA	INFLUENCE OF GENOTYPES AND THE STORAGE TIME ON PEARS QUALITY INDICATORS
31.	Mihaela PARASCHIV, Amelia PETRESCU	FRUIT QUALITY OF NINE BLACKCURRANTS ( <i>RIBES NIGRUM</i> L.) CULTIVARS SELECTED IN MEADOW ARGES
32.	Ionel PERJU, Iulia MINEAȚĂ, Ionuț Vasile UNGUREANU, Sorina SÎRBU, Iuliana Elena GOLACHE, Elena IUREA	AGROPRODUCTIVE EVALUATION OF SOME SWEET CHERRY CULTIVARS IN THE PEDOCLIMATIC CONDITIONS OF N-E ROMANIA
33.	Ananie PEȘTEANU	INFLUENCE OF THE BIOLOGICAL CHARACTERISTICS OF THE VARIETY ON THE PRODUCTIVITY OF THE PLANTATION AND THE QUALITY OF THE APRICOT FRUITS DURING THE FRUITING PERIOD
34.	Georgeta Sofia POPESCU, Ariana VELCIOV, Antoanela COZMA, Florina RADU, Despina BORDEAN	MULBERRY FRUITS SOURCE OF BIOMINERALS AND BIOACTIVE COMPOUNDS
35.	Augustina PRUTEANU, Oana-Romina BOTORAN, Nicoleta Alexandra VANGHELE, Eugen MARIN, Iulian VOICEA	ANALYSIS OF THE PHENOPHASES OF GROWTH AND FRUITING OF RASPBERRY VARIETIES IN THE CLIMATIC CONDITIONS OF BUCHAREST

No	Authors	Paper Title
36.	Maria RADA, Simion ALDA, Ariana VELCIOV, Daniela SCEDEI, Iasmina Madalina ANGHEL, Alina DOBREI, Eleonora NISTOR, Marcel DANJI	EVALUATION OF SOME ESSENTIAL ELEMENTS IN WALNUT KERNEL
37.	Ioan Viorel RATI	THE INFLUENCE OF SOME ENVIRONMENTAL FACTORS ON APPLE AND CHERRY TREE OF FLOWERING PHENOPHASES
38.	Daniela Nicoleta SCEDEI, Olimpia Alina IORDĂNESCU, Maria RADA, Marcel Vasile DANJI, Marius Valentin BOLDEA, Alina DOBREI, Casiana MIHUȚ, Alin CĂRĂBEȚ, Carmen DURĂU, Ramona ȘTEF	THE MINERAL PROFILE OF SOME PLUM ( <i>PRUNUS DOMESTICA</i> ) VARIETIES
39.	Leinar SEPTAR, Cristina MOALE, Ion CAPLAN	PEACH RESPONSE TO WATER DEFICIT UNDER THE CLIMATIC CONDITIONS OF SOUTH-EASTERN ROMANIA
40.	Florin Daniel STAMIN, Sina Niculina COSMULESCU	MORPHOLOGICAL VARIABILITY OF SOME ROSEHIP FRUITS ( <i>ROSA CANINA</i> L.) FROM THE SPONTANEOUS FLORA OF OLT COUNTY, ROMANIA
41.	Ioana Adelina STAN, Mădălina BUTAC, Dorel HOZA	SOUR CHERRY GERMPLASM RESOURCES AND BREEDING IN ROMANIA
42.	Vera STEFANOVA, Galya DOBREVSKA	COMPARISON APPLE BIO PRODUCTION ON CULTIVATED AND GRASSED AREA
43.	Boryana STEFANOVA, Petko MINKOV, Georgi POPSKI, Teodora MIHOVA	CHANGES IN PHENOLOGY OF SERBIAN PLUM VARIETIES UNDER AGROECOLOGICAL CONDITIONS OF THE CENTRAL BLAKAN MOUNTAIN REGION IN BULGARIA
44.	Ana-Maria STOENESCU, Sina Niculina COSMULESCU, Nicolae GHEORGHIU	THE INFLUENCE OF INTERANNUAL CLIMATE VARIATION ON THE PHENOLOGY OF SOME WILD FRUIT SPECIES AND THEIR RELATION WITH AVIFAUNA

No	Authors	Paper Title
45.	Viorel STOICA, Mihaela PARASCHIV, Dorel HOZA	FRUIT QUALITY OF APPLE VARIETIES CULTIVATED IN AN ORGANIC SYSTEM
46.	Viorel STOICA, Dorel HOZA	RESEARCH ON THE INFLUENCE OF ORGANIC FERTILIZERS ON THE AGROCHEMICAL INDICATORS OF THE SOIL
47.	Monica STURZEANU, Oana HERA	FRUIT QUALITY ASSESSMENT IN RASPBERRY BREEDING
48.	Monica STURZEANU, Oana HERA	QUALITY OF SOME STRAWBERRY CULTIVARS IN RELATION WITH CONSUMER PREFERENCES
49.	Oana Elena TOAȘCĂ (COJOCARU), Cristina PETRIȘOR, Catalin Viorel OLTENACU, Mihai GÎDEA	EFFECTS OF MODIFIED ATMOSPHERE PACKAGING ON QUALITY FEATURES OF 'FAVORIT' APRICOT CULTIVAR DURING COLD STORAGE
50.	Silvena TODOROVA, Petko MINKOV, Boryana STEFANOVA, Georgi POPSKI	BIOLOGICAL AND ECONOMIC CHARACTERISTICS OF PLUM CULTIVARS GROWN IN TWO PLUM-PRODUCING REGIONS OF BULGARIA
51.	Mihaela DOGARU, Mircea MIHALACHE, Gabriela POPA, Viorel Catalin OLTENACU, Nicoleta BUTISEACA, Maria STOIAN	THE EFFECT OF THE CULTURE SUBSTRATE ON THE CONTENT OF BIOACTIVE COMPOUNDS IN SOME RASPBERRY GENOTYPES
52.	Carmen Mihaela TOPALA, Mihaela Elena LEITNER, Loredana Elena VIJAN, Mihai BOTU	ANALYSIS OF THE TOTAL LIPID CONTENT IN THE KERNELS OF SEVERAL TEMPERATE NUT CROPS ACCESSIONS FROM THE GERMPLASM COLLECTIONS OF UCv-SCDP VÂLCEA, ROMANIA
53.	Boryana TSENOVA, Veska GEORGIEVA, Metodi DINEV	FROST EVENTS FORECAST USING MACHINE LEARNING IN BULGARIA

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54.	Lavinia-Mihaela UDREA, Violeta Alexandra ION, Andreea BARBU, Mihai FRÎNCU, Andrei-Cătălin PETRE, Liliana BĂDULESCU, Oana-Crina BUJOR	SENSORIAL EVALUATION OF ORGANIC STRAWBERRIES AND RASPBERRIES: EFFECTS OF COMPANION PLANTS
55.	Nicoleta- Alexandra VANGHELE, Oana-Romina BOTORAN, Augustina PRUTEANU, Eugen MARIN, Valentin VLĂDUȚ	RESEARCH ON THE DEVELOPMENT OF RASPBERRY CULTIVATION IN CONDITIONS OF ORGANIC AGRICULTURE
56.	Irina TITIRICĂ, Florentina NETCU, Milica DIMA, Cristina BÎRSOGHE	NORTHERN BANANA OR PAW-PAW GROWN IN SOUTHERN ROMANIA SANDY SOILS
57.	Elena Andreea VOCHIN, Valentina ISAC, Florin STĂNICĂ	RESULTS REGARDING THE STERILIZATION EFFECTIVENESS OF PLANT MATERIAL IN SOME STONE FRUIT SPECIES ROOTSTOCKS
58.	Cristina ZLATI, Mihai ISTRATE, Roxana PAȘCU, Roberto BERNARDIS	AN ASSESSMENT OF CURRENT STATUS, FUTURE TRENDS AND OPPORTUNITIES FOR IMPROVING EXOTIC AND UNDERUTILIZED POME FRUIT SPECIES PRODUCTION IN ROMANIA

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## VITICULTURE AND OENOLOGY

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1	Maria-Florentina BĂJENARU, Reta DRĂGHICI, Milica DIMA, Cristina BÎRSOGHE, Ștefan NANU, Nicolae GIUGEA	THE BIOLOGY OF THE DEVELOPMENT PROCESS IN SOME GRAPE CULTIVARS FOR RED WINES STUDIED ON THE SANDY SOILS OF SOUTHERN OLTENIA
2	Géza BALLA, Zsolt SZEKELY-VARGA, Endre KENTELKY	EFFECT PHYTOTECNOLOGICAL FACTORS ON TWO RED WINE GRAPE VARIETIES
3	Sabin Ioan BANIȚĂ, Anamaria CĂLUGAR, Dorin DUSA, Adriana SESTRAS, Florin Dumitru BORA, Andrea BUNEA, Claudiu Ioan BUNEA	THE INFLUENCE OF TREATMENTS WITH AMINO-ACIDS AFTER HAIL FALL ON FETEASCĂ NEAGRĂ GRAPE HARVEST
4	Florina Mădălina BĂNUȚĂ, Ramona STAN, Răzvan Ionuț TEODORESCU	THE EFFECTS OF CLIMATE CHANGE ON VINES IN THE MAIN GROWING COUNTRIES IN EUROPE
5	Georgeta Mihaela BUCUR, Liviu DEJEU	PHENOLOGICAL AND SOME ENO- CARPOLOGICAL TRAITS OF THIRTEEN NEW ROMANIAN GRAPEVINE VARIETIES FOR WHITE WINE ( <i>VITIS VINIFERA</i> L.) IN THE CONTEXT OF CLIMATE CHANGE
6	Georgeta Mihaela BUCUR, Elena DELIAN, Marinela Vicuța STROE, Marian ION, Liliana PÎRCĂLABU	RESEARCH ON INCREASING THE ADAPTATION CAPACITY OF GRAPEVINE TO CLIMATE CHANGE - TREATMENTS WITH KAOLIN AND ZEOLITES
7	Ramona CĂPRUCIU, Daniela Doloris CICHI, Dorin Constantin COSTEA, Liviu Cristian MĂRĂCINEANU	CARBOHYDRATE DYNAMICS IN SOME GRAPEVINE ( <i>VITIS VINIFERA</i> L.) CULTIVARS DURING DORMANCY
8	Daniela DOLORIS CICHI, Ramona CĂPRUCIU, Felicia STOICA, Mihai CICHI, Dorin COSTEA	AMPELOGRAPHIC AND BIOPRODUCTIVE CHARACTERISTICS OF CABERNET SAUVIGNON CLONES IN OLTENIA WINEGROWING REGION, SOUTH-WEST ROMANIA

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9	Dragoş George CONSTANTINESCU, Monica BUTNARIU, Alina Georgeta DOBREI, Eleonora NISTOR, Dorin Stefan DUSA, Florin SALA, Ioan Claudiu BUNEA, Alin DOBREI	ASSESSMENT AND PREDICTION OF GRAPE AND WINE TRACEABILITY: A CASE STUDY OF FETEASCĂ NEAGRĂ AND PINOT NOIR CULTIVATED IN VARIOUS WINE-GROWING REGIONS
10	Dorin Constantin COSTEA, Daniela Doloris CICHI, Constantin BĂDUCĂ - CÎMPEANU, Ramona CĂPRUCIU	RESEARCHES CONCERNING THE INFLUENCE OF ENVIRONMENTAL RESOURCES ON THE PHYSIOLOGICAL AND BIOPRODUCTIVE PARAMETERS OF GRAPEVINE
11	Laura-Dorina DINU, George Adrian COJOCARU, Cornel BANITA, Emanuel VAMANU, Arina-Oana ANTOCE	EVALUATION OF THE POLYPEHNOL EXTRACTS FROM VINE CANES ( <i>VITIS VINIFERA</i> L.) OBTAINED - AN IMPROVED EXTRACTION METHOD
12	Alin DOBREI, Eleonora NISTOR, Alina Georgeta DOBREI, Mihaela MĂLĂESCU, Dragoş George CONSTANTINESCU, Teodor CRISTEA, Anca DRĂGUNESCU	THE IMPACT OF COPPER APPLICATION TIMING AND THE FREQUENCY OF TREATMENTS ON PHYSIOLOGICAL, BIOCHEMICAL, AND PRODUCTIVE PARAMETERS IN A VINEYARD
13	Ferihan EMURLOVA, Antoniya STOYANOVA	IMPACT OF SUMMER GREEN PRUNING ON THE PHENOLIC CONTENT OF GRAPES FROM SYRAH CULTIVAR
14	Ferihan EMURLOVA, Antoniya STOYANOVA	MONITORING OF A VINEYARD - FLYING OVER WITH A UAV
15	Mihai FRÎNCU, Corina DUMITRACHE, Andrei Cătălin PETRE, Iuliana Diana BĂRBULESCU, Răzvan Ionuţ TEODORESCU	PHYSICO-CHEMICAL COMPOSITION OF DIFFERENT GRAPE VARIETIES FROM PIETROASA VINEYARD
16	Evelina GHERGHINA, Gabriela LUTA, Daniela BALAN, Stefana JURCOANE	ENHANCING OF BIOAVAILABILITY OF VALUABLE COMPOUNDS FROM GRAPE POMACE - ENZYMATIC TREATMENT

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17	Ioana Sorina GIURCA, Liliana Lucia TOMOIAGĂ, Maria Doinița MUNTEAN, Maria COMȘA, Alexandra Doina SÎRBU, Horia Silviu RĂCOARE, Veronica Sanda CHEDEA	BIOLOGICAL ASPECTS AND MANAGEMENT APPROACHES OF THE GRAPEVINE PEST, <i>PULVINARIA VITIS</i> , IN THE CLIMATE CHANGE CONTEXT
18	Alina MAIER, Vasile PĂDUREANU, Cristina CANJA, Mirabela Ioana LUPU, Geronimo Răducu BRĂNESCU, Cristina PĂDUREANU, Mariana-Atena POIANĂ	INFLUENCE OF HIGH-POWER ULTRASOUND TREATMENT ON RED WINE QUALITY PARAMETERS
19	Mihaela MĂLĂESCU, Alin DOBREI, Eleonora NISTOR, Alina Georgeta DOBREI, Giancarla VELICEVICI, Cristina TOȚA, Anca DRĂGUNESCU, Teodor CRISTEA, Daniela POȘTA	PERFORMANCES EVALUATION OF SOME WINE GRAPE CULTIVARS GROWN IN NORTH WEST OF ROMANIA
20	Eleonora NISTOR, Alina Georgeta DOBREI, Gabriel CIORICA, Mihaela MALAESCU, Simion ALDA, Marcel DANCI, Alin DOBREI	TRAINING TYPE, CROP LOAD AND SHADING EFFECT ON QUALITY COMPONENTS OF ITALIAN RIESLING GRAPE VARIETY
21	Liliana PÎRCĂLABU, Steliana Paula BARBU, Irina BĂLĂNESCU, Georgeta TUDOR	RESEARCH CONCERNING THE UTILIZATION OF THE UNDERGROUND DRIP IRRIGATION IN ORDER TO CONTROL THE WATER STRESS OF GRAPEVINE
22	Liliana PÎRCĂLABU, Steliana Paula BARBU, Irina BĂLĂNESCU, Georgeta TUDOR	CLIMATE CHANGE TREND AND EFFECTS ON VINE CULTIVATION IN DEALU MARE VINEYARD
23	Anelia POPOVA, Ludmil ANGELOV	EFFECT OF BUNCH THINNING ON THE GRAPES QUALITY IN CLONES 174 AND 470 FROM SYRAH VARIETY



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25	Boyan STALEV, Marko MIHAYLOV, Ludmil ANGELOV, Valentin BAMBALOV, Hristo KOZAROV	CHALLENGES CAUSED - CLIMATE CHANGE IN ORGANIC GRAPE PRODUCTION IN THE SOUTHWESTERN WINE-GROWING REGION
26	Mirela STĂNUȘ (RUJOIU), Alina Georgeta DOBREI, Eleonora NISTOR, Teodor CRISTEA, Anca Iulia TÂC (FAUR), Alin DOBREI	THE LOCAL GRAPEVINE VARIETIES - A SOURCE OF TYPICITY, AUTHENTICITY, AND ADAPTABILITY, WITHIN THE FRAMEWORK OF SUSTAINABLE VITICULTURAL TECHNOLOGIES
27	Felicia STOICA, Camelia MUNTEAN, Constantin BĂDUCĂ CĂMPEANU, Daniela Doloris CICHI	STUDIES ON THE CONTENT OF VOLATILE AROMATIC COMPOUNDS AND UNDESIRABLE COMPOUNDS IN VARIOUS FRUIT-DISTILLED BEVERAGES
28	Marinela STROE, Georgeta Mihaela BUCUR, Laura BRAUMAN	STUDY ON THE QUALITATIVE PROFILE OF SOME SEEDLESS VINE VARIETIES IN A TEMPERATE CLIMATE
29	Anamaria TĂNASE, Aurora RANCA, Ana NEGRARU, Traian Ștefan COSMA, Kwon MINKYUNG	THE ASSESSMENT OF PURITY AND TYPOLOGY OF THE 'PINOT GRIS' CULTIVAR, CULTIVATED IN THE MURFATLAR WINE-GROWING CENTER, THROUGH SYSTEMS BASED ON AMPELOMETRY

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2	Alexandru Ioan APAHIDEAN, Gheorghita HOZA, Mihai CARBUNAR, Mariana BEI, Maria DINU, Alexandru COJOCARU, Sandor ROZSA	THE INFLUENCE OF CULTIVAR AND ORGANIC FERTILIZATIONS ON PLANT GROWTH, PRODUCTION AND QUALITY OF SWISS CHARD, IN WESTERN ROMANIA
3	Dan Ioan AVASILOAIEI, Claudia BĂLĂIȚĂ, Denisa SEVERIN, Petre Marian BREZEANU, Mariana CALARA	ENHANCING <i>PHYSALIS IXOCARPA</i> L. CROP YIELD QUANTITY AND QUALITY USING BIOCHAR, WOOD VINEGAR AND CROPMAX: A SUSTAINABLE APPROACH
4	Claudia BALAITA, Silvica AMBARUS, Petre Marian BREZEANU, Mariana CALARA, Dan Ioan AVASILOAIE, Elena Maria DRAGHICI	PRELIMINARY STUDIES ON THE INFLUENCE OF DIFFERENT SUBSTRATES ON THE CULTIVATION OF PEPPERS ( <i>CAPSICUM ANNUUM</i> L.)
5	Alexandru BUTE, Creola BREZEANU, Silvica AMBĂRUȘ, Andreea ANTAL-TREMURICI, Petre Marian BREZEANU1, Neculai MUNTEANU	ANALYSES OF MORPHOLOGICAL DYNAMICS INTO THE VEGETATIVE PHASE OF WHITE CABBAGE ( <i>B. OLERACEA</i> VAR. <i>CAPITATA</i> F. <i>ALBA</i> ) ACROSS DIVERSE PLANTING SCHEDULES
6	Ioana BUȚERCHI, Gabriel-Ciprian TELIBAN, Lorena-Diana POPA, Marian BURDUCEA, Ioan PUIU, Nicolae-Valentin VLĂDUȚ, Alina Laura AGAPIE, Gheorghe MATEI, Ilie BODALE, Liviu-Mihai IRIMIA, Alexandru COJOCARU, Mădălina TENIE, Vasile STOLERU	QUALITATIVE AND AGROPRODUCTIVE RESULTS REGARDING SUCCESSIVE CROP OF SWEET PEPPER IN PROTECTED SPACES
7	Viktor BICHEV, Vera PETROVA	IMPACT OF URBAN CONDITION ON BRASSICACEAE DEVELOPMENT

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8	Daniela BĂLAN, Gabriela LUTA, Maria STANCA, Ovidiu JERCA, Stefana JURCOANE, Carmen GAIDAU, Mihaela NICULESCU, Aykut SANCAKLI, Aysegul UZUNER DEMİR	EFFECT OF BIOSTIMULANT TREATMENT ON THE ANTIOXIDANT ACTIVITY IN TOMATO FRUIT
9	Elena BARCANU, Ovidia Loredana AGAPIE, Ion GHERASE, Eliza TEODORESCU	CHALLENGING THE UNBEATABLE: <i>HELICOVERPA ARMIGERA</i> INFESTATION IN <i>MOMORDICA CHARANTIA</i> - A NOVEL CASE STUDY
10	Alexandra BECHERESCU, Maria DINU, Florin SALA	ELEMENTS OF PRODUCTIVITY IN TOMATO PLANTS IN RELATION TO FOLIAR FERTILIZATION
11	Creola BREZEANU, Silvica AMBĂRUȘ, Mariana CALARA, Andreea ANTAL TREMURICI, Alexandru BUTE, Dan Ioan AVASILOAIEI, Petre Marian BREZEANU	ASSESSMENT OF GENETIC DIVERSITY OF COMMON BEAN ( <i>PHASEOLUS VULGARIS</i> L.) GERMPLASM RESOURCES, USING MORPHOLOGICAL CHARACTERIZATION
12	Alexandra BECHERESCU, Maria DINU, Florin SALA	ELEMENTS OF PRODUCTIVITY IN TOMATO PLANTS IN RELATION TO FOLIAR FERTILIZATION
13	Mariana CALARA, Neculai MUNTEANU, Dan Ioan AVASILOAIEI, Creola BREZEANU, Petre Marian BREZEANU, Claudia BĂLĂIȚĂ, Mihai HLIHOR	ASSESSING THE ALLELOPATHIC POTENTIAL OF VARIOUS SPECIES FOR WEED CONTROL IN ORGANIC FARMING ON A CLIMBING BEAN CROP
14	Gheorghe COTEȚ, Aurelia DIACONU, Alina PARASCHIV, Cristina BÎRSOGHE, Ștefan NANU, Maria BĂJENARU	STUDY ON THE EFFECTIVENESS OF SOME INSECTO-FUNGICIDE COMBINATIONS IN THE CONTROL OF PATHOGENS AND PESTS IN SWEET POTATO CROP IN THE FIELD
15	Raluca CIUBOTĂRAȘU, Elena DOBRIN, Lenuța CHIRA, Claudia BĂLĂIȚĂ, Elena Maria DRĂGHICI	REVIEW ON THE IMPACT OF CULTIVATION CONDITIONS ON THE GROWTH AND DEVELOPMENT OF MALABAR SPINACH ( <i>BASELLA</i> SP.) IN ROMANIA

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16	Antoanela COZMA, Casiana MIHUȚ, Ariana VELCIOV, Codruța CHIȘ, V.D. MIRCOV, Sofia POPESCU, Ersilia ALEXA, Maria RADA	DETERMINATION OF THE NUTRITIONAL COMPOSITION OF CARROT POMACE
17	Georgi DIMITROV, Lilyana KOLEVA, Pavlina PETROVA	RESISTANCE OF LOCAL GENOTYPES AND MODERN TOMATO CULTIVARS TO ROOT-KNOT NEMATODES ( <i>MELOIDOGYNE</i> SPP.)
18	Katya DIMITROVA, Yordanka KARTALSKA, Nikolay PANAYOTOV	EFFECT OF APPLICATION OF BIOSTIMULANT PROTIFERT LN 6.5 ON THE EPIPHYTIC AND RHIZOSPHERE BACTERIA OF PEPPER SEEDLINGS
19	Elena Maria DRĂGHICI, Elena DOBRIN, Adrian CHIRA, Lenuța CHIRA, Daniela BĂLAN, Gabriela LUȚĂ	STUDY REGARDING THE INFLUENCE OF SOME TECHNOLOGICAL FACTORS ON THE QUALITY OF SWEET POTATO PLANTING MATERIAL
20	Felicia FRĂTUȚU, Ștefan NANU, Cristina BIRSOGHE, Loredana SFÎRLOAGĂ	THE BEHAVIOR OF SOME MELON GENOTYPES ( <i>CUCUMIS MELO</i> L.) GROWN ON SANDY SOILS FROM SCDCPN DABULENI
21	Gheorghita HOZA, Maria DINU, Alexandra BECHERESCU, Claudia-Loredana DRAGOMIR	INFLUENCE OF OPAQUE WALL GREENHOUSE MICROCLIMATE ON MELON GROWTH AND FRUITING
22	Petya IVANOVA, Blagoj ELENOV, Elena GRANCHAROVA	INFLUENCE OF IRRIGATION AND FERTIGATION ON SENSORY CHARACTERISTICS OF FRUITS OF WHITE STRAWBERRY ( <i>FRAGARIA</i> X <i>ANANNASSA</i> “SNOW WHITE”) GROWN IN BULGARIA
23	Asmaa Ali JAILAWI, Zaid Khaleel KADHIM, Elena Maria DRAGHICI	STUDY ON THE MEDICINAL APPLICATIONS OF <i>MOMORDICA</i> <i>CHARANTIA</i> SPECIES: A REVIEW
24	Velika KUNEVA, Svetlana MANHART, Manol DALLEV, Vanya DELIBALTOVA, Galya DOBREVSKA, Nesho NESHEV, Sava TABAKOV, Veselin IVANOV	STUDY ON THE EFFECT OF SOME PRODUCTS FOR FOLIAR APPLICATION ON THE PRODUCTIVITY AND ESSENTIAL OIL CONTENT IN CORIANDER SEEDS ( <i>CORIANDRUM</i> <i>SATIVUM</i> L.)

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26	Nadejda MIHNEA, Galina LUPASCU, Angela RUDACOVA, Ala CHERDIVARA	THE ROLE OF THE PARENTAL FACTOR IN THE HERITABILITY OF THE BIOCHEMICAL CHARACTERS OF THE TOMATO FRUIT
27	Vlad Dragoslav MIRCOV, Casiana MIHUȚ, Antoanela COZMA	CLIMATE CHANGES AND ITS EFFECTS ON SOILS AND AGRICULTURE IN WESTERN AND SOUTH-WESTERN ROMANIA
28	Gergana MLADENOVA, Boyka MALCHEVA, Milena YORDANOVA	RHIZOPLANE AND RHIZOSPHERE MICROBIAL ACTIVITY IN ECOLOGICALLY CULTIVATED VEGETABLES AND OTHER CROPS
29	Bianca MUSAT (ZAMFIR), Costel VINATORU, Adrian PETICILA, Matilda POPESCU, Geanina NEGOSANU, Camelia BRATU	NEW VARIETY OF <i>SOLANUM SYMBRIFOLIUM</i> OBTAINED AT BRGV BUZAU, ROMANIA
30	Oana Alina NIȚU, Elena Ștefania IVAN, Ionut Ovidiu JERCA, Nicoleta Daniela SÂRBU, Mihaela BALAN	RESEARCH ON THE INFLUENCE OF THE IRRIGATION REGIME AND ORGANIC FERTILIZATION ON THE CUCUMBER PRODUCTION GROWN ON PERLITE SUBSTRATE
31	Oana Alina NIȚU, Emanuela JERCA, Elena Ștefania IVAN, Augustina Sandina TRONAC	THE EFFECT OF ADDITIONAL OXYGENATION AND LED LIGHTING ON THE GROWTH OF LUGANO AND CARMESI LETTUCE VARIETIES CULTIVATED IN THE NFT SYSTEM
32	Ion NIȚU, Elisabeta Elena POPA, Elena MĂNĂILĂ, Silvana DĂNĂILĂ-GUIDEA, Mihaela GEICU-CRISTEA, Mona Elena POPA, Mihaela Cristina DRĂGHICI, Paul Alexandru POPESCU, Amalia Carmen MITELUȚ	EFFECT OF MONTMORILLONITE BASED HYDROGELS APPLICATION ON MORPHOLOGICAL CHARACTERISTICS OF LETTUCE SEEDLINGS ( <i>LACTUCA SATIVA</i> )

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34	Alina PERIȘOARĂ, Lucia PÎRVU, Diana Manuela ENE, Marian PAVEL, Laura OLARIU, Stelica CRISTEA	THE INFLUENCE OF TWO TYPES OF EXTRACTS OBTAINED FROM TAGETES ERECTA FLOWERS ON RADISH SEEDS
35	Marko PETEK, Antun ŠOKEC, Jana ŠIĆ ŽLABUR, Kristijan KONOPKA, Sanja FABEK UHER	CONTENT OF POTASSIUM AND IRON IN TOMATO PRODUCTS
36	Mariana PETKOVA	BIOLOGICAL CONTROL OF LETTUCE DROP ( <i>SCLEROTINIA SCLEROTIORUM</i> ) USING ANTAGONISTIC BACILLUS SPECIES
37	Vera PETROVA, Tsvetelina NIKOLOVA, Milena YORDANOVA	USING BIOCHAR AND ORGANIC FERTILIZER IN THE CULTIVATION OF BOK CHOY ( <i>BRASSICA RAPA</i> L. SSP. <i>CHINENSIS</i> L.)
38	Monica POPA, Mihaela CIOLOCA, Andreea TICAN, Alexandra-Mihaela NAGY, Camelia SAVA SAND	THE EFFECT OF CULTURE SUBSTRATE AND WATER STRESS ON TUBER DEVELOPMENT IN THREE SWEET POTATO CULTIVARS ACCLIMATIZED IN THE GREENHOUSE
39	Georgiana RĂDEANU, Neculai MUNTEANU, Cristina PRECUPEANU, Gabriel-Ciprian TELIBAN, Lorena-Diana POPA, Vasile STOLERU	AGROBIOLOGICAL AND TECHNOLOGICAL CHARACTERIZATION OF PHASEOLUS COCCINEUS L.
40	Vladimir ROTARU, Vladimir TODIRAȘ	EFFECTS OF TREATMENTS WITH BIOPESTICIDE CARBECOL AND FUNECOL ON TOMATO ( <i>SOLANUM LYCOPERSICUM</i> L.) LATE BLIGHT
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44	Gabriela SOVAREL, Simona Stefania HOGEA, Ion SCURTU, Gicuta SBÎRCIOG	BIOLOGICAL AND CONVENTIONAL CONTROL OF <i>SPHAEROTHECA</i> <i>FULIGINEA</i> PATHOGEN ON ZUCCHINI CROPS
45	Sovorn CHAN, Aurora DOBRIN, Elena DOBRIN, Elena Maria DRĂGHICI	THE INFLUENCE OF LIGHT INTENSITY ON YIELD AND MINERAL CONTENTS OF FOUR <i>LETTUCE</i> SPECIES CULTIVATED IN NUTRIENT FILM TECHNIQUE (NFT)
46	Ramona ȘTEF, Ioana GROZEA, Ana-Maria VIRTEIU, Anișoara DUMA COPCEA, Daniela Nicoleta SCEDEI, Codruța CHIȘ, Anișoara IENCIU, Alin CĂRĂBETȚ	POPULATION MANAGEMENT OF <i>MYZUS PERSICAE</i> (SULZER) IN <i>SOLANUM TUBEROSUM</i> AGROECOSYSTEM USING CHEMICAL AND BIOLOGICAL PRODUCTS
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48	Valentina STOIAN, Floarea BURNICHI, Emilian MIREA, Dumitru-Mitel TOMA, Amalia-Carmen MITELUȚ	MORPHOLOGICAL CHARACTERIZATION OF SOME DWARF BEAN SEEDS FROM SCDL BUZĂU COLLECTION
49	Mima TODOROVA, Stefka ATANASSOVA, Dimitar YORGOV, Petya VELEVA, Dimitar ZHELYAZKOV, Antonya PETROVA, Velika BOTEVA	RELATIONSHIPS BETWEEN RGB COLOR CHARACTERISTICS AND TOMATO FRUIT QUALITY
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52	Ariana - Bianca VELCIOV, Marcel DANCI, Antoanela COZMA, Virgil - Dacian LALESCU, Laura RĂDULESCU, Georgeta - Sofia POPESCU, Maria RADA	EVALUATION OF SOME NUTRITIONAL COMPOUNDS OF GARLIC ( <i>ALLIUM SATIVUM</i> L.) PEEL WASTE
53	Giancarla VELICEVICI, Dorin CAMEN, Sorin CIULCA, Adriana CIULCA, Carmen BEINSAN, Mihaela MALAESCU, Mihaela MOATAR, Daniela POȘTA, Iuliana CRETESCU	EFFECT OF DROUGHT STRESS ON PROLINE AND CHLOROPHYLL CONTENTS IN SOME TOMATO GENOTYPES
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56	Milena YORDANOVA, Beti MIROSLAVOVA	PRE-TREATMENT OF SLOW- GERMINATING APIACEAE SEEDS FOR MICROGREENS



## POSTER SESSION

### FLORICULTURE, ORNAMENTAL PLANTS, DESIGN AND LANDSCAPE ARCHITECTURE

No	Authors	Paper Title
1	Maria APOSTOL, Raluca Maria HLIHOR, Isabela Maria SIMION, Laura HAGIU ZALENSCHI, Lucia DRAGHIA, Elena Liliana CHELARIU	PHYTOTOXICITY EFFECTS OF LEAD ON SEEDS GERMINATION AND SEEDLING GROWTH OF 'WIZARD ROSE' AND 'WIZARD JADE' COLEUS VARIETIES
2	Roberto BERNARDIS, Cristina ZLATI, Daniela POȘTA	THE INFLUENCE OF SOME GROWTH REGULATORS ON THE GERMINABILITY AND DEVELOPMENT AT <i>ALBIZIA JULIBRISSIN</i> DURAZZ.
3	Roberto Renato BERNARDIS, Adrian NISTOR, Marius DASCĂLU, Tatiana SANDU	PAULOWNIA IMPERIALIS, PRINCESS PAVLOVA'S TREE: DEVELOPING A PLANTATION IN ROMANIA
4	Claudia BURLĂCIOIU, Sorina PETRA, Florin TOMA	CURRENT STATE OF RESEARCH ON BIOLOGICAL, ORNAMENTAL AND UTILITARIAN PARTICULARITIES OF SOME SPECIES OF THE GENUS <i>SALVIA</i> L. (LAMIACEAE)
5	Doina CLAPA, Ana-Maria RADOMIR, Adrian George PETICILĂ, Adelina DUMITRAȘ, Monica HÂRȚA	IN VITRO EVALUATION OF SALT AND DROUGHT STRESS TOLERANCE IN <i>HYPERICUM CALYCINUM</i> L.
6	Mirela COJOCARIU, Iulia Andreea PRICOB	A REDEVELOPMENT SOLUTION FOR THE 'ALEXANDRU SAHIA' PARK IN RĂDĂUȚI
7	Otilia COTUNA, Mirela PARASCHIVU, Veronica SĂRĂȚEANU, Ramona ȘTEF, Klaudia KINCEL	<i>CARULASPIS JUNIPERI</i> (BOUCHÉ) (DIASPIDIDAE: CARULASPIS), PEST OF THUJA FROM TIMIȘ COUNTY - CASE STUDY
8	Silvana Mihaela DĂNĂILĂ-GUIDEA, Ecaterina DAMIAN, Ricuta-Vasilica DOBRINOIU, Monica ENACHE, Gabriela POPA, Valerica-Luminița VIȘAN	VEGETATIVE PROPAGATION SYSTEM FOR <i>HELICHRYSUM ITALICUM</i> PLANTS WITH ORNAMENTAL AND MEDICINAL PROPERTIES

No	Authors	Paper Title
9	Marcel Vasile DANCI, Simion ALDA, Daniela SCEDEI, Cerasela PETOLESCU, Eleonora NISTOR, Alina DOBREI	STUDIES ON THE INFLUENCE OF GROWTH REGULATORS IN THE <i>IN VITRO</i> MULTIPLICATION OF TWO VARIETIES OF PITAYA ( <i>HYLOCEREUS UNDATUS</i> )
10	Elena DELIAN, Elena SĂVULESCU, Liliana BĂDULESCU, Monica Luminița BADEA	LEAF STOMATAL TRAITS AND ASSOCIATED PHYSIOLOGICAL PARAMETERS IN DIFFERENT DECIDUOUS ORNAMENTAL TREES DURING AUTUMN SENESCENCE
11	Gilda-Diana BUZATU, Ana Maria DODOCIOIU, Manuela MANDA	STUDY ON THE USE OF PAPER WASTE AS AN ALTERNATIVE SUBSTRATE FOR <i>FICUS BENJAMINA</i> SPECIES
12	Alina GHIMIȘ, Beatrice IACOMI, Diana VÂȘCĂ-ZAMFIR	PRELIMINARY RESEARCH ON THE EFFECTS OF BIOEXTRACTS FROM <i>FICUS CARICA</i> LEAVES ON CHILI PEPPER ( <i>CAPSICUM ANNUUM</i> ) PLANTS CULTIVATED FOR ORNAMENTAL PURPOSES
13	Daniela GIOSANU, Loredana VÎJAN, Carmen TOPALĂ, Mihaela OPREA	INVESTIGATIONS ON THE BIOACTIVE COMPOUNDS AND ORNAMENTAL PROPERTIES OF SOME LAVENDER CULTIVARS
14	Codrina GRECU, Corina-Laura SANDU, Ana-Maria-Roxana ISTRATE	LANDSCAPE STUDY ON THE USE OF WOOD IN THE REHABILITATION OF THE "BOJDEUCA ION CREANGA" MUSEUM GARDEN IN IASI
15	Monica HÂRȚA, Doina CLAPA, Rodica POP, Mirela Irina CORDEA, Doru PAMFIL	IN VITRO PROPAGATION OF <i>SAINTPAULIA IONANTHA</i> WENDL. GENOTYPES AND ASSESSMENT OF GENETIC STABILITY OF REGENERATED PLANTS USING CDDP MARKERS
16	Paula IANCU, Mariana NICULESCU, Ovidiu PĂNIȚĂ	VARIABILITY STUDIES OF LOCAL POPULATIONS OF <i>ANACAMPTIS LAXIFLORA</i> SSP. <i>ELEGANCE</i> LAM. SSP. <i>ELEGANS</i> (HEUFFEL) SOÓ FROM THE OLTENIA REGION, ROMANIA

No	Authors	Paper Title
17	Manuela MANDA, Carmen NICU	THE EFFECT OF TREATMENTS WITH BIOFERTILIZER AND/OR ANTIOXIDANT PRODUCTS ON THE GROWTH AND DEVELOPMENT OF <i>HYDRANGEA HORTENSIS</i> SM. PLANTS
18	Cristina MĂNESCU, Alina Eliza DUDĂU	EFFECTS OF ORGANIC AND MINERAL FERTILIZERS ON GROWTH AND FLOWERING OF YOUNG LAVENDER ( <i>LAVANDULA ANGUSTIFOLIA</i> MILL.) PLANTS
19	Teodora MORAR, Emil LUCA, Costin MURARU, Andreea RĂDUCU LEFTER, Adela HOBLE	TOWARDS SUSTAINABLE URBAN GREEN AREAS: TREE INVENTORY IN GROZĂVEȘTI PARK (BUCHAREST, ROMANIA) FOR REVITALIZATION USING WATER-EFFICIENT APPROACHES
20	Carmen NICU, Manuela MANDA	EVALUATION OF SOME HYACINTH CULTIVARS UNDER OPEN FIELD CONDITIONS
21	Valentin PANCHEV	INFLUENCE OF THE ULTRASOUND ON THE SOWING QUALITY OF SNAPDRAGON ( <i>ANTIRRHINUM MAJUS</i> L.) SEEDS
22	Mounir HADJI, Alexandru-Ionuț PETRIȘOR	FROM AGRICULTURAL OASIS TO URBANIZATION: PATH OF OASIS GREEN INFRASTRUCTURES IN BISKRA, ALGERIA
23	Maria RAICU, Petronela CAMEN-COMĂNESCU, Mihaela URZICEANU, Paulina ANASTASIU, Florin TOMA	THE ROLE OF ORNAMENTAL HORTICULTURE IN PLANT INVASION: A CASE STUDY IN ROMANIA
24	Ioan SĂRAC, Emilian ONISAN, Irina PETRESCU, Dorin CAMEN, Cerasela PETOLESCU, Ciprian STROIA	CADMIUM'S EFFECTS ON GERMINATION AND GROWTH IN <i>DIANTHUS DELTOIDES</i> : AN <i>IN VITRO</i> CULTURE APPROACH
25	Zsolt SZEKELY-VARGA, Ildikó LIHÁT, Attila BANDI, Géza BALLA, Endre KENTELKY	INFLUENCE OF COLD TREATMENTS ON FLOWER QUALITY OF BULBOUS ORNAMENTALS

No	Authors	Paper Title
26	Alina-Maria TENCHE-CONSTANTINESCU, Emilian ONISAN, Irina PETRESCU, Ioan SARAC, Mihai Valentin HERBEL, George POPESCU	<i>JUGLANS REGIA</i> : QUALITATIVE AND QUANTITATIVE ANALYSIS BASED ON GIS TECHNOLOGIES
27	Alina Maria TENCHE CONSTANTINESCU, Irina PETRESCU, Ioan SARAC, Emilian ONISAN, Dacian LALESCU, Ciprian STROIA	EXPLORING THE POTENTIAL OF ROMANIAN WALNUTS: A STUDY ON <i>JUGLANS REGIA</i> POPULATIONS
28	Dumitru-Mitel TOMA, Floarea BURNICHI, Emilian MIREA, Valentina STOIAN	RESEARCH ON THE EFFECTS OF ABIOTIC STRESS - DROUGHT AND TEMPERATURE IN THE REGULATION OF FLOWERING PERIOD IN <i>PELARGONIUM</i>
29	Cristina TOȚA, Cristian BERAR, Florin SALA	VARIABILITY OF SOME LEAF PARAMETERS IN <i>LIQUIDAMBAR STYRACIFLUA</i> L. IN CONDITIONS OF LEAVES CHLOROSIS
30	Ana - Maria VÎRTEIU, Ramona ȘTEF, Codruța CHIȘ, Ioana GROZEA	COLOUR PREFERENCE AND RESPONSE OF THRIPS TO DIFFERENT PETUNIA VARIETIES IN WESTERN ROMANIA

# POSTER SESSION

## MISCELLANEOUS

Nr.	Authors	Paper Title
1	Simion ALDA, Bianca GROZA, Daniela Nicoleta SCEDEI, Liana Maria ALDA, Despina-Maria BORDEAN, Laura RĂDULESCU, Diana MOIGRĂDEAN, Marcel DANCI, Eleonora NISTOR, Alina DOBREI	THE MINERAL COMPOSITION OF FLAX, CHIA AND HEMP SEEDS BASED ON X-RAY FLUORESCENCE ANALYSIS
2	Monica Luminita BADEA, Liliana BĂDULESCU, Elena DELIAN, Elena SĂVULESCU, Vasilica LUCHIAN	ASPECTS REGARDING THE ANATOMY AND COMPOSITION OF THE VOLATILE OIL IN THE <i>ARTEMISIA ABSINTHIUM</i> L. (ASTERACEAE) SPECIES FROM ROMANIA
3	Ana Cornelia BUTCARU, Cosmin Alexandru MIHAL, Adrian Constantin ASANICA, Florin STANICĂ	WHAT IS THE DIFFERENCE BETWEEN THE INTERNATIONAL, NATIONAL, AND LOCAL METEO STATIONS FOR ONE SPECIFIC ORCHARD? – 100 YEARS OF RECORDS DATABASE ANALYSIS
4	Monica CATANĂ, Luminița CATANĂ, Adrian Constantin ASĂNICĂ, Monica-Alexandra DĂRĂ, Florica CONSTANTINESCU, Denisa-Eglantina DUȚĂ	RESEARCH ON THE FORTIFICATION OF A PASTRY PRODUCT WITH CAULIFLOWER LEAVES POWDER TO INCREASE NUTRITIONAL QUALITY AND ANTIOXIDANT POTENTIAL
5	Luminița CATANĂ, Monica CATANĂ, Florica CONSTANTINESCU, Anda-Grațiela BURNETE, Gabriela STAMATIE, Adrian Constantin ASĂNICĂ	RESEARCH ON THE REALIZATION AND TESTING OF THE FERMENTATION CAPACITY OF NATURAL SOURDOUGH FORTIFIED WITH SPIRULINA POWDER
6	Ihor CHIKOV, Liubov ISHCHUK, Volodymyr HRABOVYI, Inna DIDENKO, Tetiana SHVETS, Iryna BOIKO	ASSESSMENT OF DECORATIVE QUALITIES OF <i>LYSICHITON</i> <i>CAMTSCHATCENSIS</i> (L.) SCHOTT. IN THE CONDITIONS OF THE RIGHT-BANK FOREST-STEPPE OF UKRAINE

Nr.	Authors	Paper Title
7	Adrian CHIRA, Lenuța CHIRA, Elena DELIAN, Elena SĂVULESCU, Ligia ION, Mariana TOMA, Ionuț ȚABĂRĂ	STUDIES REGARDING THE BEHAVIOUR OF 'MONEYMAKER' TOMATOES DURING THEIR MARKETING IN FRESH STATE
8	Roxana CICEOI, Venat OANA	COLD PLASMA TECHNOLOGY IN ENHANCING POST-HARVEST MANAGEMENT AND SECURITY
9	Valeria CIOLAC, Casiana MIHUȚ, Mihaela MOATĂR, Anișoara IENCIU, Livia CIOLAC	ASSESSMENT OF NATURAL REGENERATION IN CROPS FROM THE APUSENI MOUNTAINS
10	Daniel-Nicolae COJANU, Maria-Cristina LUMÎNARE, Oana Alina BOIU-SICUIA, Călina Petruța CORNEA	EVALUATION OF NATIVE BACTERIAL STRAINS AS PLANT GROWTH PROMOTERS FOR GREENHOUSE TOMATOES
11	Carmen CONSTANTIN, Elvira GAGNIUC, Aurora DOBRIN, Andrei MOT, Liliana BĂDULESCU, Carmen CÎMPEANU, Carmen Georgeta NICOLAE, Ionel Ivan, Mala STAVRESCU-BEDIVAN	OPPORTUNITIES AND CHALLENGES IN GROWING <i>ONCORHYNCHUS MYKISS</i> (WALBAUM, 1792) - A CASE STUDY
12	Ghita Cristian CRAINIC, Florin COVACI, Ioan Ovidiu HĂRUȚA, Flavia IRIMIE (CIOFLAN), Anamaria SUPURAN, Călin Ioan IOVAN	SPECIFIC CHARACTERISTICS OF STANDS OBTAINED - TRANSFORMING SILVO- PASTORAL SYSTEMS
13	Mihaela Monica DINU, Maria-Cristina LUMÎNARE, Lavinia Diana BARBU-BUTURUGĂ, Daniel Nicolae COJANU, Ana-Cristina FĂȚU	UNLOCKING THE POTENTIAL OF ENTOMOPATHOGENIC FUNGI: THE ROLE OF EXUVIAE-SUPPLEMENTED MEDIA IN AUGMENTING BIOLOGICAL ACTIVITY
14	Ricuța Vasilica DOBRINOIU, Silvana Mihaela DĂNĂILĂ-GUIDEA, Paul Alexandru POPESCU	THE EFFECT OF OPTIMIZING TECHNOLOGICAL PRACTICES ON THE INCREASE OF BIOMASS PRODUCTION AND CARBON SEQUESTRATION RATE TO <i>PAULOWNIA</i> SSP.
15	Ricuța Vasilica DOBRINOIU, Silvana Mihaela DĂNĂILĂ-GUIDEA, Luminița Valerica VIȘAN	RESEARCH ON THE EVOLUTION OF THE PHYSICAL AND MECHANICAL PARAMETERS OF <i>PAULOWNIA</i> FIBER UNDER DIFFERENT PLANTING AND FERTILIZATION CONDITIONS

Nr.	Authors	Paper Title
16	Anisoara Claudia DUMA COPCEA, Casiana Doina MIHUT	STUDIES ON SPRAYING MACHINES USED IN VITICULTURE
17	Monica ENACHE, Valentin LUCA, Silvana Mihaela DĂNĂILĂ-GUIDEA	A REVIEW OF THE TOXICITY OF SOME SPONTANEOUS RANUNCULACEAE FROM THE ROMANIAN FLORA
18	Andrei-Mihai GAFENCU, Andreea-Mihaela FLOREA, Florin-Daniel LIPȘA, Eugen ULEA	COMPARISON OF THE MICROBIAL COMMUNITY OF ORCHARD SOILS IN THE NORTH-EAST PART OF ROMANIA
19	Indira GALIT, Nicoleta RADU, Narcisa BABEANU, Oana COMAN	VALUABLE COMPOUNDS DERIVED FROM CUCURBITACEAE SUBPRODUCTS AND POTENTIAL WAYS OF ITS VALORIZATION
20	Mihai Lavinius IOVIȚĂ, Adina HORABLAGA, Carmen BEINȘAN, Alexandru PANICI, Dorin CAMEN	RESEARCH ON THE IMPACT OF CLIMATE CHANGE ON THE ENVIRONMENT: A REVIEW
21	Zenzile KHETSHA	USING CYTOKININ TO ENHANCE ESSENTIAL OIL BIOSYNTHESIS OF TWO ROSE GERANIUM ( <i>PELARGONIUM GRAVEOLENS</i> L.) VARIETIES: REUNION AND MADAGASCAR-TYPE
22	Anna KOVTONIUK, Liudmyla DZHUS, Volodymyr HRABOVYJ, Liubov ISHCHUK, Inna DIDENKO	DYNAMICS OF THE AGE STRUCTURE OF <i>TULIPA</i> <i>GUERCETORUM</i> CLOKOV & ZOZ IN THE NATIONAL DENROLOGICAL PARK SOFIIVKA OF THE NAS OF UKRAINE
23	Vasilica LUCHIAN, Mariana TOMA, Monica Luminita BADEA, Elena SĂVULESCU	A GREEN APPROACH USED FOR HEAVY METALS REMOVAL FROM HUMAN BODY
24	Gabi Mirela MATEI, Sorin MATEI	THE INFLUENCE OF TOMATO ROOT EXUDATES ON STRUCTURE AND DIVERSITY OF RHIZOSPHERE COMMUNITIES OF BACTERIA AND FUNGI

Nr.	Authors	Paper Title
25	Sorin MATEI, Gabi Mirela MATEI, Sorina DUMITRU, Victoria MOCANU	THE INFLUENCE OF THE SYNTHETIC MICROBIOMES ON THE CHARACTERISTICS OF BIODIVERSITY AND CARBON SEQUESTRATION IN THE SOIL
26	Ioana Mihaela MIHALCIOIU, Alen Luis Gabriel OLTEANU, Andrei Florin TABACU, Diana Emanuela LORENTZ, Cosmin MIHAI, Ana Cornelia BUTCARU, Florin STĂNICĂ	HORTIVOLTAICS – A ROAD TO GO OR NOT?
27	Ailin MOLOȘAG, Violeta Alexandra ION, Oana Cristina PARVULESCU, Liliana BADULESCU, Viorica LAGUNOVSKI-LUCHIAN	GREEN AGRICULTURE WITH BLUE RESOURCES: FERTILIZATION BASED ON FISH, ALGAE AND OTHER UNDERVALUED MATERIALS: A REVIEW
28	Catalina NICOLAE, Oana VENAT, Adrian PETICILĂ, Dorel HOZA	ASSESSING THE INFLUENCE OF 2,4-D AND BAP VARIATIONS ON SOMATIC EMBRYOGENESIS IN <i>SOLANUM TUBEROSUM</i>
29	Marilena Gabriela OLTEANU ZAHARIE, Nicoleta RADU, Narcisa BABEANU, Lucia Camelia PIRVU, Marinela BOSTAN	STUDIES REGARDING THE CYTOTOXICITY OF POLYSACCHARIDES ISOLATED FROM INDIGENOUS <i>PLANTAGO LANCEOLATA</i>
30	Alexandru PANICI, Dorin Dumitru CAMEN, Maria Mihaela MOATĂR, Carmen BEINĂȘAN, Lavinius IOVIȚĂ	EVALUATION OF PHOTOSYNTHETIC RATE AND CHLOROPHYLL CONTENT IN FIVE FOREST SPECIES
31	Raul PAȘCALAU, Stefana BAICU (ZOICAN), Roxana BĂLĂȘOIU (JIGĂU), Raul Cristian JURCUȚ, Laura Iosefina ȘMULEAC, Cosmin SĂLĂȘAN	LINGUISTIC DIVERSITY CULTIVATING AGRICULTURAL PROGRESS: THE SIGNIFICANCE OF FOREIGN LANGUAGES IN MODERN AGRICULTURE
32	Bilyana GRIGOROVA-PESHEVA, Boyka MALCHEVA, Asen PESHEVA	CHANGES IN MICROBIAL ABUNDANCE OF COMPOST AFTER TREATMENT WITH SPECIFIC ADDITIVES



Nr.	Authors	Paper Title
33	Cerasela PETOLESCU, Marcel DANCI, Gabriela GORINOIU, Andreea NISTOR, Emilian ONISAN, Ioan SĂRAC	USE OF RAPD MARKERS IN THE ASSESSMENT OF SOMACLONAL VARIABILITY INDUCED IN PEPPER CALLUS
34	Cristina PETRIȘOR, Roxana ZAHARIA, Viorel Catalin OLTENACU, Damian DRAGOMIR, Ion LEVEANU	THE BENEFITS OF USING USEFUL MICROORGANISMS IN DROUGHT MITIGATION AND INCREASING SOIL FERTILITY –AN OVERVIEW
35	Sofia POPESCU, Ariana VELCIOV, Florina RADU, Despina BORDEAN, Antoanela COZMA, Luminita PIRVULESCU, Lia ROTARIU, Anisoara IENCIU	PLANT MILK – ALTERNATIVE FOR DAIRY PRODUCTS
36	Ana - Maria RADOMIR, Ramona STAN, George Adrian PETICILĂ, Doina CLAPA, Bianca MUȘAT, Costel VÎNĂTORU, Dorin Ioan SUMEDREA	OVERVIEW OF BIOACTIVE COMPOUNDS, BIOLOGICAL PROPERTIES AND THERAPEUTIC EFFECTS OF <i>PLECTRANTHUS AMBOINICUS</i>
37	Mariana ROZSNYAI, Georgiana PLOPEANU, Iulia GRAFU, Mihaela LUNGU, Mirela CĂLINESCU, Emil CHITU, Mihai MARINESCU	DISTRIBUTION OF SOME NUTRITIVE ELEMENTS IN LEAVES OF DIFFERENT APPLE VARIETIES
38	Elena SĂVULESCU, Elena DELIAN, Mihaela-Ioana GEORGESCU, Vasilica LUCHIAN, Lenuța-Constantina CHIRA, Ioana-Cătălina NICOLAE	MORPHOLOGICAL, ANATOMICAL AND PHYSIOLOGICAL LEAF TRAITS OF PISTACHIO ( <i>PISTACIA VERA</i> L.) GROWN IN BUCHAREST AREA (ROMANIA)
39	Constanta Corina SIRBU, Anisoara DUMA COPCEA, Daniela SCEDEI, Casiana MIHUT	STUDY ON POPULATION INVOLVEMENT IN WASTE MANAGEMENT
40	Valentina STOIAN, Ștefania GÂDEA, Anamaria VÂTCĂ, Mădălina TRUȘCĂ, Alin Laviniu POPA, Alina TOȘA, Adriana DAVID, Ovidiu MARIAN, Sorin VÂTCĂ	WATER IN BIOLOGICAL SYSTEMS–A CHALLENGE FOR PLANT PHYSIOLOGY AND BIOPHYSICS WITHIN A CLIMATE CHANGE PERSPECTIVE

Nr.	Authors	Paper Title
41	Patricia TARKANYI, Georgeta Sofia POPESCU, Laura RADULESCU, Liana Maria ALDA, Monica Cristina DRAGOMIRESCU, Simion ALDA, Narcis Gheorghe BAGHINA, Despina-Maria BORDEAN	NETTLE PLANTS FINGERPRINT BASED ON XRF ANALYSIS
42	Andreea TICAN, Mihaela CIOLOCA, Monica POPA	PRELIMINARY RESULTS REGARDING THE EVOLUTION OF SMALL POTATO MERISTEMATIC EXPLANTS (0.1-0.2 MM)
43	Catalina TUDORA, Adriana MUSCALU, Floarea BURNICHI, Marga GRADILA, Daniel JALOBĂ, Valentin Nicolae VLĂDUȚ	ALLELOPATHIC EFFECT OF THE ESSENTIAL OIL OBTAINED FROM HYSSOP ( <i>HYSSOPUS OFFICINALIS</i> L., FAM. LAMIACEAE)
44	Meglana ZLATKOVA, Dobrinka PARUSHEVA, Stela STOYANOVA, Krassimir TODOROV, Vessela YANCHEVA, Elenka GEORGIVA	PROTECTED AREAS AND LOCAL COMMUNITIES' FOOD PRACTICES IN STRANDZA NATURE PARK, BULGARIA (A CASE STUDY OF PLANT AND FISH DIETARY MODELS)





## Section 3

# **ANIMAL SCIENCE**

## SCIENTIFIC COMMITTEE OF ANIMAL SCIENCE SECTION

- Stelian ACATINCĂI - University of Life Sciences "King Mihai I" from Timișoara, Romania
- Vasco A.P. CADAVEZ - Departamento de Ciência Animal & Centro de Investigação de Montanha (CIMO), Escola Superior Agrária, Instituto Politécnico de Bragança, Portugal
- Mioara COSTACHE - Fish Culture Research and Development Station Nucet, Romania
- Cătălin DRAGOMIR - National Research-Development Institute for Animal Biology and Nutrition Balotești, Romania
- Nicolae EREMIA - State Agrarian University of Moldova, Chișinău, Republic of Moldova
- Horia GROSU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
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- Mostafa A.R. IBRAHIM - University of Kafrelsheikh, Egipt
- Ondrej KADLECÍK - Slovak Agricultural University Nitra, Slovakia
- Yusuf KONCA - Erciyes University, Kayseri, Turkey
- Monica Paula MARIN - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Carmen Georgeta NICOLAE - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Mircea POP - "Ion Ionescu de la Brad" University of Life Sciences Iasi, Romania
- Agatha POPESCU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Elena POPESCU-MICLOȘANU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Paul Rodian TĂPĂLOAGĂ - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Ilie VAN - Academy of Agricultural and Forestry Sciences "Gheorghe Ionescu-Șișești", Bucharest, Romania
- Livia VIDU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania

## ORGANIZING COMMITTEE OF ANIMAL SCIENCE SECTION

- Prof. Gheorghe Emil MĂRGINEAN
- Prof. Monica Paula MARIN
- Prof. Ph.D. Livia VIDU
- Assoc. prof. PhD. Dana POPA
- Prof. Dumitru DRĂGOTOIU
- Prof. Ioan CUSTURĂ
- Assoc. prof. Elena POGURSCHI

**THURSDAY, JUNE 06, 2024****Building A – Faculty of Animal Productions Engineering and Management**

14:00 – 14:15	<i>Opening Session</i>	<i>Building A, 2<sup>nd</sup> floor, A II a Amphitheatre</i>
14:15 – 14:30	<i>Keynote speaker presentation</i>	<i>Building A, 2<sup>nd</sup> floor, A II a Amphitheatre</i>
14:30 – 16:00	<i>Oral paper presentations: Session Technologies of animal husbandry</i>	<i>Building A, 2<sup>nd</sup> floor, A II a Amphitheatre</i>
16:00 – 16:30	<i>Coffee break</i>	<i>Building A, 2<sup>nd</sup> floor, A II 102 room</i>
16:30 – 18:20	<i>Oral paper presentations: Session Technologies of animal husbandry</i>	<i>Building A, 2<sup>nd</sup> floor, A II a Amphitheatre</i>
19:00 – 21:30	<i>Official Galla Dinner</i>	<i>CERES Restaurant, USAMV Campus</i>

**FRIDAY, JUNE 07, 2024****Building A – Faculty of Animal Productions Engineering and Management**

08:00 – 09:00	<i>Registration of participants</i>	<i>Building A, 2<sup>nd</sup> floor, A II a Amphitheatre</i>
09:00 – 09:20	<i>Keynote speaker presentation</i>	<i>Building A, 2<sup>nd</sup> floor, A II a Amphitheatre</i>
09:20 – 11:00	<i>Oral paper presentations: Session Technologies of the agro food products processing</i>	<i>Building A, 2<sup>nd</sup> floor, A II a Amphitheatre</i>
11:00 – 11:30	<i>Coffee break</i>	<i>Building A, 2<sup>nd</sup> floor, A II 102 room</i>
11:30 – 13:00	<i>Oral paper presentations: Session Technologies of the agro food products processing</i>	<i>Building A, 2<sup>nd</sup> floor, A II a Amphitheatre</i>
13:30 – 14:30	<i>Lunch</i>	<i>Building A, 2<sup>nd</sup> floor, A II 102 Room</i>
13:00 – 15:00	<i>Oral paper presentations: Session Genetics and breeding</i>	<i>Building A, 2<sup>nd</sup> floor, A II a Amphitheatre</i>

15:00 – 16:30	<i>Oral paper presentations: Session Nutrition</i>	<i>Building A, 2<sup>nd</sup> floor, A II a Amphitheatre</i>
11:30 – 12:20	<i>Oral paper presentations: Session Reproduction, physiology, anatomy</i>	<i>Building A, 3<sup>th</sup> floor, A III 136 Amphitheatre</i>
12:20 – 16:00	<i>Oral paper presentations: Session Wild life management, fishery and aquaculture</i>	<i>Building A, 3<sup>th</sup> floor, A III 136 Amphitheatre</i>
16:00 – 17:00	<i>Poster display, viewing and presentation: Session Wild life management, fishery and aquaculture</i>	<i>Building A, 3<sup>th</sup> floor, A III 136 Amphitheatre</i>
11:30 – 12:30	<i>Poster display, viewing and presentation: Session Nutrition</i>	<i>Building A, 2<sup>nd</sup> floor, A II 113 Amphitheatre</i>
12:30 – 13:30	<i>Poster display, viewing and presentation: Session Technologies of animal husbandry</i>	<i>Building A, 2<sup>nd</sup> floor, A II 113 Amphitheatre</i>
14:30 – 15:00	<i>Poster display, viewing and presentation: Session Reproduction, physiology, anatomy</i>	<i>Building A, 3<sup>th</sup> floor, A II 113 Amphitheatre</i>
15:00 – 15:45	<i>Poster display, viewing and presentation: Session Genetics and breeding</i>	<i>Building A, 3<sup>th</sup> floor, A II 113 Amphitheatre</i>
15:45 – 17:00	<i>Poster display, viewing and presentation: Session Technologies of the agro food products processing</i>	<i>Building A, 3<sup>th</sup> floor, A II 113 Amphitheatre</i>

# DETAILED PROGRAMME

## SECTION 3 – ANIMAL SCIENCE

### ORAL PRESENTATIONS

THURSDAY, JUNE 06, 2024

#### SESSION TECHNOLOGIES OF ANIMAL HUSBANDRY

*Session Chair: Assoc. Prof. Dr. Marius Laurian MAFTEI*

**Time: 14:15 – 18:20**

Time	Authors	Paper Title
14:15-14:30	<b>Keynote speaker</b> <b>Cătălin DRAGOMIR</b>	CLIMATE SMART FARMING IN ROMANIA - THE LIVESTOCK SECTOR
14:30-14:40	Ion RĂDUCUȚĂ, Costică CRISTIAN, Vlăduț Dragoș BULMAGA, Andra-Georgiana PĂUN, Ion CĂLIN	ANALYSIS OF THE MORPHO-PRODUCTIVE PARAMETERS OF R1 SHEEP RESULTING FROM THE CROSSING OF LOCAL SHEEP FROM THE NORTH-EASTERN AREA OF ROMANIA WITH AWASSI BREED
14:40-14:50	Mihail Alexandru GRAS, Catalin DRAGOMIR	TOOLS FOR CARBON FOOTPRINT ESTIMATION OF ANIMAL PRODUCTION WITH APPLICABILITY IN RUMINANTS – REVIEW
14:50-15:00	Catalina SANDULEANU, Andra-Sabina NECULAI-VĂLEANU, Aida ALBU, Roxana Nicoleta RAȚU, Marius Giorgi USTUROI, Vasile VINTILĂ, Vasile MACIUC	THE INFLUENCE OF MANAGEMENT PRACTICES ON MILK QUALITY IN A DAIRY CATTLE FARM
15:00-15:10	Remus Ioan CHIOREAN, Gheorghe Emil MARGINEAN, Adrian BOTA, Madalina Ioana MOLDOVAN, Livia VIDU	RESEARCH ON THE METABOLIC PROFILE OF BUFFALO COWS FROM THE ROMANIAN BUFFALOES BREED, PRE AND POST-PARTUM
15:10-15:20	Gabriela AMARIȚII, Andra-Sabina NECULAI-VĂLEANU, Vasile MACIUC	THE ASSESSMENT OF DAIRY COWS WELFARE IN A FARM FROM THE NORTH-EAST OF ROMANIA



Time	Authors	Paper Title
15:20-15:30	Ioan LADOȘI, Alexandru Marius DEAC, Ileana MICLEA, Daniela LADOȘI, Marius ZĂHAN	THE IMPACT OF PRODUCTION SCALE ON PIGLET BIRTHWEIGHT AND SURVIVAL UNTIL WEANING: INSIGHTS FROM A ROMANIAN FIELD TRIAL
15:30-15:40	Dănuț Nicolae ENEA, Gheorghe Emil MĂRGINEAN, Aurelia DEFTA (OSMAN), Nicoleta DEFTA, Andrada Elena MOISE, Hippolyte MEKUIKO WATSOP, Livia VIDU	REVIEW ON GENOMIC TESTING OF DAIRY COWS, IMPORTANCE AND ADVANTAGES
15:40-15:50	Elif CILAVDAROĞLU, Umut Sami YAMAK, Uğur ŞEN, Hasan ÖNDER	EFFECT OF DIFFERENT COLOR LED LIGHTING IN INCUBATION ON HATCHING PERFORMANCE
15:50-16:00	Ion CĂLIN, Ion RĂDUCUȚĂ, Andrei PUIE, Alexandra POLIOPOL, Ion CĂPRIȚĂ	RESEARCH ON QUANTITATIVE APTITUDES IN THE DIRECTION OF MEAT PRODUCTION IN LAMBS FROM ȚURCANĂ AND ȚIGAIE BREEDS
16:30-16:40	Cristina SURLEA (STOICA-SURLEA), Cristina MATEESCU, Georgeta DINITA, Iuliana CRINGANU, Carmen Georgeta NICOLAE	RESEARCH ON CHARACTERS CONSERVATION IN MOUNTAIN ECOTYPE QUEEN BEES
16:40-16:50	Veronica-Denisa LUNGU, Andreea Ionela ZINCA, Dumitru DRĂGOTOIU	GLOBAL QUALITY OF POULTRY MEAT. PECULIARITIES OF POULTRY MEAT
16:50-17:00	Veronica-Denisa LUNGU, Andreea Ionela ZINCA, Dumitru DRĂGOTOIU	NUTRITIONAL QUALITY OF POULTRY MEAT ACCORDING TO BREEDING SYSTEMS
17:00-17:10	Paula POSAN, Lucica NISTOR, Violeta Alexandra ION, Aurora DOBRIN, Andra SULER, Dana IANITCHI, Nicoleta DEFTA, Monica Paula MARIN	EVALUATION OF SOME CHEMICAL COMPOUNDS IN <i>Foeniculum vulgare</i> , <i>Trigonella foenum-graecum</i> , AND <i>Cuminum cyminum</i> SEEDS AS POTENTIAL FOOD SUPPLEMENTS FOR COWS
17:10-17:20	Otilia BOBIȘ, Victorița BONTA, Adela Ramona MOISE,	IMPACT OF WEATHER CHANGES ON BEE FAMILIES DEVELOPMENT AND PRODUCTION WITH SPECIAL

Time	Authors	Paper Title
	Claudia PAȘCA, Alexandru Ioan GIURGIU, Daniel Severus DEZMIREAN	REFERENCE TO TRANSYLVANIA AREA
17:20-17:30	Georgeta DINIȚĂ, Mihaela HĂBEANU, Cristiana DIACONESCU, Anca GHEORGHE, Teodor MIHALCEA	RESEARCH ON THE USE OF MULBERRY VITROPLANTS IN ORDER TO PRACTICE A SUSTAINABLE AGRICULTURE
17:30-17:40	Daniel ZABORSKI, Katarzyna M. KAVETSKA, Katarzyna SABATOWICZ	ANALYSIS OF CASES OF DOG BITES IN STARGARD, POLAND
17:40-17:50	Felicia ȚENU (DASCĂLU), Raluca-Elena DONOȘĂ, Andreea ȘERBAN, Vasile MACIUC	STUDY ON THE MANAGEMENT OF TECHNOLOGICAL FLOW IN BEEF CATTLE FARMS IN THE NORTH EAST REGION OF MOLDOVA
17:50-18:00	Alexandru Gabriel VARTIC, Corneliu Ion NEACȘU, Petru Gabriel VICOVAN, Raducu RADU, Constantin PASCAL	RESEARCH ON THE EFFECT OF CROSSBREEDING PROLIFIC PALAS EWES WITH PALAS MEAT RAMS COMPARED TO PALAS MERINO BREED ON QUANTITATIVE AND QUALITATIVE MEAT PRODUCTION IN MALE LAMB FATTENING
18:00-18:10	Iuliu Gabriel MALOȘ, Daniela IANIȚCHI	THE INFLUENCE OF THE BREEDERS AGE OF THE GREY KARAKUL (RAMS OF DIFFERENT AGES X 5- YEAR-OLD EWES) ON THE BIRTH WEIGHT AND THE QUALITY OF THE LAMBS SKINS
18:10-18:20	<i>Questions &amp; Answers session</i>	

# ORAL PRESENTATIONS

FRIDAY, JUNE 07, 2024

## SESSION TECHNOLOGIES OF THE AGRO FOOD PRODUCTS PROCESSING

*Session Chair: Assoc. Prof. Dr. Gratiela Victoria BAHACIU*

**Time: 09:00 – 13:00**

Time	Authors	Paper Title
09:00-09:20	<b>Keynote speaker</b> <b>Irina CHIRIȚOIU</b>	EUROPEAN CONSUMER CENTRES NETWORK PROMOTES GOOD PRACTICES IN SUPPORT OF A GREEN ECONOMY
09:20-09:30	Aurelia DEFTA (OSMAN), Gratiela Victoria BAHACIU, Monica MARIN, Nicoleta DEFTA, Dănuț ENEA, Mirela Aurora STANCIU, Livia VIDU	DYNAMICS OF CERTIFICATION OF TRADITIONAL DAIRY PRODUCTS AT EU LEVEL AND SPECIFICALLY FOR ROMANIA
09:30-09:40	Ionela Florentina TOMA (ENACHE), Gratiela Victoria BAHACIU, Daniela IANIȚCHI, Nela DRAGOMIR, Iuliana Ștefania BOLOLOI, Carmen Georgeta NICOLAE	THE USE OF SALMON AND TUNA BY-PRODUCTS IN FISH CRACKERS MANUFACTURE
09:40-09:50	Andrada-Elena MOISE, Minodora TUDORACHE, Ioan CUSTURĂ, Dănuț Nicolae ENEA, Aurelia OSMAN, Dumitru DRĂGOTOIU	TECHNOLOGICAL ADVANCES AND SOCIO-ECONOMIC IMPLICATIONS IN THE POULTRY INDUSTRY - AN ANALYSIS OF CURRENT TRENDS IN POULTRY MEAT PRODUCTION AND CONSUMPTION: REVIEW
09:50-10:00	Cătălina Nicoleta BOIȚEANU, Nicoleta CIOCÎRLIE, Florin NEACSU, Magda GONCIAROV	INVESTIGATING THE EFFECTS OF STORAGE TEMPERATURE ON THE QUALITY OF FROZEN <i>CEPHALOPODA</i> : A MULTIMODAL APPROACH

Time	Authors	Paper Title
10:00-10:10	Ioana Roxana ȘOIMUȘAN, Oana Andreea MASTAN, Ioan LADOȘI, Adina Lia LONGODOR, Aurelia COROIAN	A REVIEW ON BIOGENIC AMINES IN CHEESE
10:10-10:20	Ioana Roxana ȘOIMUȘAN, Adina Lia LONGODOR, Oana Andreea MASTAN, Daniela LADOȘI, Aurelia COROIAN	POLYCYCLIC AROMATIC HYDROCARBONS IN CHEESES AS A RESULT OF THE SMOKING PROCESS: A REVIEW
10:20-10:30	Nicoleta DEFTA, Aurelia DEFTA (OSMAN), Nela DRAGOMIR, Ana-Maria SCRIPA	THE INFLUENCE OF COMMUNICATION AND MASS- MEDIA CAMPAIGNS ON CHOOSING FOOD ITEMS
10:30-10:40	Daniela IANIȚCHI, Paula POȘAN, Iuliu Gabriel MALOȘ, Lucica NISTOR, Marius Laurian MAFTEI, Carmen Georgeta NICOLAE, Ionela Florentina TOMA (ENACHE)	EFFECTS OF MEAT CONSUMPTION ON CONSUMERS' HEALTH
10:40-10:50	Georgia OLARU, Elena POPA, Mona POPA	RESEARCH ON EFFECT OF ACTIVE AND SUSTAINABLE ANTIMICROBIAL PACKAGING ON GROUND BEEF
10:50-11:00	Bianca-Georgiana ANCHIDIN, Ioana GUCIANU, Florin-Daniel LIPȘA, Marius-Mihai CIOBANU, Elena-Iuliana FLOCEA, Paul-Corneliu BOIȘTEANU	FROM WASTE TO VALUABLE FOOD: DEVELOPMENT AND QUALITATIVE DIFFERENTIAL CHARACTERIZATION OF BONE BROTHS FROM JUVENILE AND ADULT CATTLE
11:30-11.40	Oana Margarita GHIMPETEANU, Oana Diana MIHAI, Carmen Daniela PETCU, Raluca Aniela GHEORGHE IRIMIA, Carmen NEGOITA, Cristin BORDA, Paul TAPALOAGA, Dana TAPALOAGA	SENSORIAL EVALUATION OF PORK MEAT SAUSAGES ENRICHED WITH CHOKEBERRY ( <i>ARONIA MELANOCARPA</i> ) AND BLUEBERRY ( <i>VACCINIUM MYRTILLUS</i> ) POWDERS

Time	Authors	Paper Title
11:40-11:50	Andra Dorina ŞULER, Paula POSAN, Minodora TUDORACHE, Roxana RAŢU, Ioan CUSTURĂ, Dănuţ ENEA, Veronica LUNGU	METHODS FOR DETECTING <i>BACILLUS CEREUS</i> CONTAMINATION IN DAIRY PRODUCTS - A FOOD SAFETY PERSPECTIVE
11:50-12:00	Elena-Iuliana FLOCEA, Marius-Mihai CIOBANU, Bianca-Georgiana ANCHIDIN, Mihai-Cătălin CIOBOTARU, Diana-Remina MANOLIU, Ioana GUCIANU, Mădălina MATEI, Paul-Corneliu BOIŞTEANU	EVALUATION OF THE IMPACT OF ARTIFICIAL ADDITIVE ON PHYSICO-CHEMICAL QUALITY PARAMETERS IN A FUNCTIONAL MEAT PRODUCT WITH HETEROGENEOUS STRUCTURE
12:00-12:10	Diana-Remina MANOLIU, Marius Mihai CIOBANU, Mihai Cătălin CIOBOTARU, Bianca Georgiana ANCHIDIN, Paul Corneliu BOIŞTEANU	THE IMPACT OF FRUIT FIBER ON MEAT PRODUCTS: A MINI REVIEW
12:10-12:20	Mihai Cătălin CIOBOTARU, Diana-Remina MANOLIU, Mădălina MATEI, Răzvan Andrei CALCAN, Paul Corneliu BOIŞTEANU, Marius Mihai CIOBANU	QUALITATIVE DIFFERENCES CAUSED BY THE ADDITION OF LIQUID SMOKE IN MEAT PRODUCTS WITH DIFFERENT STRUCTURES COMPARED TO TRADITIONAL SMOKING
12:20-12:30	Madalina MATEI, Silvia-Ioana PETRESCU, Elena-Iuliana FLOCEA, Dragoş LĂPUŞNEANU, Daniel SIMEANU, Ioan Mircea POP	VARIATION IN MINERAL OIL HYDROCARBONS CONTENT OF MILK DURING PROCESSING
12:30-12:40	Razvan Mihail RADU-RUSU, Marius-Giorgi USTUROI, Cristina-Gabriela RADU- RUSU, Claudia PÂNZARU, Ana LEAHU, Ancuţa-Elena PRISACARU, Francois DJITIE KOUATCHO, Mădălina-Alexandra DAVIDESCU	INFLUENCE OF FARMING SYSTEM ON THE HISTOLOGICAL STRUCTURE AND SHEAR FORCE VALUES OF CHICKEN BROILERS MEAT

Time	Authors	Paper Title
12:40-12:50	Cristina-Gabriela RADU-RUSU, Ioan Mircea POP, Daniel SIMEANU, Aida ALBU, Silvia-Ioana PETRESCU, Mădălina MATEI, Dragoș Mihai LĂPUȘNEANU, Răzvan-Mihail RADU-RUSU	ON THE CONCENTRATION VS. REGULATED MAXIMUM USED LEVEL OF SODIUM NITRITE AS FOOD ADDITIVE (E250) IN CERTAIN PROCESSED PORK
12:50-13:00	<i>Questions &amp; Answers session</i>	

## SESSION GENETICS AND BREEDING

*Session Chair: Prof. Dr. Horia GROSU*

**Time: 13:00 – 15:00**

<b>Time</b>	<b>Authors</b>	<b>Paper Title</b>
13:00-13:10	Savas ATASEVER	NON-GENETIC FACTORS AFFECTING LAMENESS CASES AND MILK PRODUCTION LOSSES CAUSED BY LAMENESS CASES IN DAIRY HERDS: A META-ANALYSIS
13:10-13:20	Mihail Alexandru GRAS, Catalin Mircea ROTAR	PRELIMINARY STUDY REGARDING COMPONENTS OF THE STATISTICAL MODELS USED IN GENETIC EVALUATION OF TWO BEEF CATTLE BREEDS FROM ROMANIA
13:20-13:30	Osamah Mahmood Abdul Zahra MURSHEDI, Horia GROSU	OPTIMIZATION OF THE SELECTION PLAN, FOR PRODUCTION AND REPRODUCTION TRAITS, IN THE MILK-PALAS SHEEP POPULATION
14:30-14:40	Petrut-Lucian PARASCHIVESCU, Murshedi Osamah Mahmood ABDULZAHRA, Horia GROSU	STUDY OF THE ASSOCIATION FOR SUSCEPTIBILITY TO SCRAPIE WITH INFLUENCE ON PRODUCTIVE PERFORMANCE IN THE KARAKUL SHEEP BREED
14:40-14:50	Alexandru Marian FLOREA, Ionică NECHIFOR, Ana BOLDIȘOR, Ioana ȚURCANU, Bodgan-Ioan NECHIFOR, Oana ONCIU, Vasile MACIUC, Constantin PASCAL	RESEARCH ON CURRENT TRENDS IN BREEDING KARAKUL OF BOTOSANI SHEEP – BLACK AND GREYISH LINE
14:50-15:00	<i>Questions &amp; Answers session</i>	

## SESSION NUTRITION

*Session Chair: Prof. Dr. Elena POGURSCHI*

**Time: 15:00 – 16:30**

Time	Authors	Paper Title
15:00-15:10	Dumitru-Filip ILIESCU, Tatiana Dumitra PANAITE, Gabriela Maria CORNESCU, Dumitru DRĂGOTOIU	EFFECTS OF THE DIETARY FLAXSEED AND ALFALFA ON THE ORGANOLEPTIC QUALITIES OF THE BROILERS' MEAT
15:10-15:20	Maria-Luiza MIRCEA, Daniela-Mihaela GRIGORE, Ștefania COMAN, Elena Narcisa POGURSCHI	PRELIMINARY STUDY REGARDING THE BIOLOGIC ACTIVITY OF SPICES
15:20-15:30	Victoria CONSTANTIN, Livia VIDU, Ion RADUCUTA, Rodica CHETROIU, Dana POPA, Carmen Georgeta NICOLAE, Roxana Elena (VASILIU) STEFAN, Monica MARIN	RESEARCH ON THE IMPACT OF FEED TECHNOLOGIES ON THE WELFARE AND PRODUCTIVE PERFORMANCES OBTAINED IN ORGANIC FARMING OF SHEEP AND GOATS
15:30-15:40	Roxana Elena (VASILIU) STEFAN, Daniela IANIȚCHI, Livia VIDU, Elena RĂDUCANU, Carmen Georgeta NICOLAE, Victoria CONSTANTIN, Monica MARIN	CONTEMPORARY PERSPECTIVES ON THE COMPOSITION OF MILK FATTY ACIDS AND IMPLICATIONS FOR HUMAN HEALTH
15:40-15:50	Gabriel MIHĂILĂ, Mihaela HĂBEANU, Anca GHEORGHE, Nicoleta LEFTER, Livia VIDU, Carmen Georgeta NICOLAE, Monica MARIN	ASSESSING OF THE IMPACT OF HEMPSEED <i>JUBILEU</i> VARIETY ON PIG GROWTH PERFORMANCE, N METABOLISM, AND N <sub>2</sub> O PREDICTION
15:50-16:00	Cristina-Camelia MATACHE, Tatiana Dumitra PANAITE, Gabriela Maria CORNESCU, Dumitru DRAGOTOIU	THE EFFECTS OF USING NATURAL PIGMENTS ON THE SHELF LIFE OF EGGS FROM ISA BROWN LAYERS



Time	Authors	Paper Title
16:00-16:10	Silvia Ioana PETRESCU, Cristina Gabriela RADU - RUSU, Mădălina MATEI, Anamaria - Hortensia STRICHEA, Dragoş Mihai LAPUSNEANU, Ioan - Mircea POP	THE IDENTIFICATION OF THE EXTERNAL FACTORS THAT HAVE INFLUENCED THE PROGRESS OF A WEIGHT MANAGEMENT PROGRAMME IN A POPULATION OF DOGS
16:10-16:20	Adriani LOVITA, Monica MARIN, Roostita BALIA, Tuti WIDJASTUTI, Andi MUSHAWWIR	EFFECT OF DRIED PROBIOTIC ON LIVER GLYCOGENOLYSIS PATHWAY THE END OF THE FINISHER PHASE OF HEAT STRESSED LAYING HENS
16:20-16:30	<i>Questions &amp; Answers session</i>	

## SESSION REPRODUCTION, PHYSIOLOGY, ANATOMY

*Session Chair: Prof. Dr. Paul Rodian TĂPĂLOAGĂ*

Time: 11:30 – 12:20

Time	Authors	Paper Title
11:30-11:40	Alex CUIBUS, Radu CONSTANTINESCU, Catalin VARO, Vioara MIRESAN, Ioan LADOSI, Calin LATIU, Paul UIUIU, Cristian MARTONOS, Camelia RADUCU, Andrada IHUT, Daniela LADOSI, Tudor PAPUC	THE INFLUENCE OF REPRODUCTION STAGE ON THE PHYSIOLOGICAL STATUS OF ROMANIAN SPOTTED CATTLE: CHANGES IN BLOOD BIOMARKERS
11:40-11:50	Radu CONSTANTINESCU, Vioara MIRESAN, Patricia SCORTE, Ilinca IOZON, Cristina ȘTEFANUT, Paul UIUIU, Calin LATIU, Camelia RADUCU, Andrada IHUT, Cristian MARTONOS, Tudor PAPUC	HEMATOLOGICAL INVESTIGATIONS IN THE ȚURCANĂ SHEEP BREED, UNDER THE DIFFERENT PHYSIOLOGICAL STATUS
11:50-12:00	Ezgi İLKİLİNÇ, Elif CİLAVDAROĞLU, Umut Sami YAMAK	EFFECT OF SELECTION IN LIVE WEIGHT ON REPRODUCTIVE TRAITS OF LOCAL GERZE CHICKENS
12:00-12:10	Radena NENOVA, Yordanka ILIEVA, Ivan FASULKOV, Manol KARADAEV, Nasko VASILEV, Pencho PENCHEV	EFFECT OF DIFFERENT HORMONAL PROTOCOLS WITH TIMED ARTIFICIAL INSEMINATION ON CLINICAL SIGNS OF ESTRUS AND CONCEPTION RATES IN BULGARIAN MURRAH BUFFALOES
12:10-12:20	<i>Questions &amp; Answers session</i>	

**SESSION WILD LIFE MANAGEMENT,  
FISHERY AND AQUACULTURE  
FRIDAY, JUNE 07, 2024**

*Session Chair: Prof. Dr. Carmen Georgeta NICOLAE*

**Time: 12:20 – 16:00**

<b>Time</b>	<b>Authors</b>	<b>Paper Title</b>
12:20-12:30	Daniel COCAN, Vioara MIREȘAN, Radu CONSTANTINESCU, Roxana CENAN, Paul UIUIU, George-Catalin MUNTEAN, Tudor PAPUC, Andrada IHUT, Camelia RADUCU	ANALYSIS OF MEAT QUALITY AND PRODUCTIVITY INDICES IN FISH SPECIES WITH DIFFERENT NUTRITIONAL SPECTRUM
12:30-12:40	Daniel COCAN, Paul UIUIU, Călin LATIU	FLOODED AREAS IN THE DANUBE DELTA: A PATH FOR INVASIVE SPECIES
12:40-12:50	Paul UIUIU, Cătălin GOIA, Bogdan VLAIC, Daniel COCAN, Radu CONSTANTINESCU, Călin LAȚIU, Tudor PAPUC, George-Cătălin MUNTEAN, Andrada IHUȚ, Camelia RĂDUCU, Anca BECZE	HEAVY METALS CONTAMINATION IN THE ARIEȘ RIVER (TRANSYLVANIA) AQUATIC ENVIRONMENT
12:50-13:00	Călin LAȚIU, Petru-Loredan UJICĂ, Radu CONSTANTINESCU, Tudor PĂPUC, George-Cătălin MUNTEAN, Paul UIUIU, Daniel COCAN, Maria Cătălina MATEI-LAȚIU, Cristian MARTONOS	CONSUMER PERCEPTION ON AQUACULTURE GOODS AND SERVICES IN ROMANIA
13:00-13:10	George-Cătălin MUNTEAN, Călin LAȚIU, Paul UIUIU, Radu CONSTANTINESCU, Vioara MIREȘAN, Tudor PĂPUC, Anca BECZE, Daniel COCAN, Aurelia COROIAN	GASTROPODS USE AS AN ALTERNATIVE PROTEIN SOURCE IN AQUACULTURE FEEDS - SHORT REVIEW

Time	Authors	Paper Title
13:10-13:20	Minodora MANU, Roxana Georgiana NICOARĂ, Luiza Silvia CHIRIAC (MIHAI), Anca Rovena LĂCĂTUȘU, Marilena ONETE	STRUCTURAL CHARACTERISTICS OF THE PREDATORY MITE POPULATIONS (ACARI- MESOSTIGMATA) AT LOCAL SCALE FROM TWO TYPES OF GRASSLAND ECOSYSTEMS IN THE FĂGĂRAȘ MOUNTAINS -ROMANIA
13:20-13:30	Tudor PĂPUC, Daniel COCAN, Radu CONSTANTINESCU, Camelia RĂDUCU, Daniela LADOȘI, Ioan LADOȘI, Călin LAȚIU, Paul UIUIU, George MUNTEAN, Vioara MIREȘAN	CAROTENOIDS IN SALMONID AQUAFEEDS: A REVIEW OF USE AND EFFECTS
14:30-14:40	Dorina-Marieta PURICE, Minodora MANU, Marilena ONETE	CHARACTERISTICS OF EPIGEIC INVERTEBRATES OF SOME NATURAL FORESTS AND PLANTATIONS FROM THE WESTERN PLAIN (ROMANIA)
14:40-14:50	Angelica DOBRE, Lorena DEDIU, Desimira Maria STROE, Mirela CREȚU, Floriceț Mariceț DIMA	ADVANCING THE SUSTAINABILITY OF AQUACULTURE THROUGH ECOSYSTEM SERVICES MONETIZATION
14:50-15:00	Andrada IHUȚ, Paul UIUIU, Camelia RĂDUCU, Daniel COCAN, Radu CONSTANTINESCU, Alexandru SAVA, Tudor PAPUC, Vioara MIREȘAN, Camelia MUNTEANU, Viorel MICLĂUȘ, Vasile RUS	A HISTOLOGICAL STUDY OF THE ZEISSL MEMBRANE FOUND IN THE DIGESTIVE TRACT OF THE DANUBE SALMON <i>HUCHO HUCHO</i> (LINNAEUS, 1758)
15:00-15:10	Paul UIUIU, Alexandru SAVA, Camelia RADUCU, Radu CONSTANTINESCU, Călin LAȚIU, Cristina CRAIOVEANU, Andrada IHUȚ, George-Cătălin MUNTEAN, Tudor PAPUC, Vioara MIREȘAN, Daniel COCAN, Anca BECZE	QUALITY ASSESSMENT OF TRADITIONAL SMOKED ARCTIC CHAR, <i>SALVELINUS</i> <i>ALPINUS</i> (LINNAEUS, 1758)

Time	Authors	Paper Title
15:10-15:20	Elena GHERASIM, Dumitru ERHAN	NEW DATA FOR HELMINTH FAUNA OF BUFONIDAE (AMPHIBIA) IN THE REPUBLIC OF MOLDOVA
15:20-15:30	Laura URDES, Chris WALSTER, Julius TEPPER, Leo FOYLE	HOW ONE HEALTH AND ONE WELFARE CAN STRENGTHEN THE EVIDENCE OF A MANAGEMENT PROCEDURE – A CASE STUDY OF EYESTALK ABLATION IN FARMED SHRIMP
15:30-15:40	Erzsebet OLARIU	THE EFFECT OF PRIVATIZATION ON THE SUSTAINABILITY OF THE ROMANIAN ACVACULTURE
15:40-15:50	Paul Corneliu BOIȘTEANU, Elena-Iuliana FLOCEA, Marius-Mihai CIOBANU	EFFECT OF WET-AGING WITH VITAMIN C ON QUALITY BIOMARKERS OF <i>Biceps femoris</i> MUSCLES COLLECTED FROM SUSTAINABLE MANAGEMENT OF <i>Cervus elaphus</i> L. POPULATION FROM NORTHERN EASTERN CARPATHIANS, ROMANIA
15:50-16:00	<i>Questions &amp; Answers session</i>	

## POSTER SESSION

### SESSION NUTRITION

*Session chair: Lect. Dr. Nicoleta DEFTA*

**Time: 11:30 – 12:30**

Paper ID	Authors	Paper Title
1	Mugurel COLĂ, Florica COLĂ	INFLUENCE OF ENERGY BALANCE OF RATIONS ON MILK PRODUCTION IN COWS IN A PASTURE-BASED FEEDING SYSTEM
2	Svilen LAZAROV, Petya VELEVA	EFFECT OF FEEDING WITH FROZEN AND DRIED POLLEN ON THE DEVELOPMENT OF BEE COLONIES
3	Petya VELEVA, Svilen LAZAROV	INFLUENCE OF FROZEN AND DRIED POLLEN FEEDING ON FAT BODY DEVELOPMENT IN WORKER BEES ( <i>APIS MELLIFERA</i> L.)
4	Octavia Maria TAMÁS-KRUMPÉ, Cristina-Alexandra VINTILĂ, Otilia BOBIȘ, Cornelia DOȘTEȚAN ABĂLARU, Daniel COCAN, Călin LAȚIU, Ioana BUZURA-MATEI, Laurenț OGNAN	ASSESSMENT OF THE ANTIOXIDANT AND ANTIBACTERIAL POTENTIAL OF SOME PROPOLIS-BASED NATURAL PRODUCTS
5	Marinela ENCULESCU	REVIEW ON THE INFLUENCE OF DAIRY CATTLE HEALTH EFFECTS ON GREENHOUSE GAS EMISSIONS
6	Iulia VARZARU, Arabela Elena UNTEA, Tatiana PANAITTE, Gabriela Maria CORNESCU, Mihaela SARACILA, Alexandra Gabriela OANCEA, Petru Alexandru VLAICU	EFFECTS OF DIETARY OAK BARK ON PERFORMANCE TRAITS AND NITROGEN BALANCE IN LAYING HENS

Paper ID	Authors	Paper Title
7	Valeria Cristina BULGARU, Gina Cecilia PISTOL, Ionelia ȚĂRANU, Daniela Eliza MARIN	THE EFFECTS OF ALTERNARIOL MYCOTOXIN ON CELL CYCLE AND PROLIFERATION OF PORCINE BLOOD CELLS
8	Mihaela DUMITRU, Dan RĂMBU, Nicoleta LEFTER, Smaranda TOMA, Georgeta CIURESCU	NONCONVENTIONAL RESOURCES FOR MONOGASTRIC FEEDING
9	Hryhoriy SEILO, Ihor LUCHYN, Nataliia FEDAK, Oksana MAMCHUR	THE INFLUENCE OF L-CARNITINE ON THE PRODUCTIVITY OF YOUNG RABBITS
10	Nicoleta Aurelia LEFTER, Mihaela HĂBEANU, Anca GHEORGHE, Smaranda Mariana TOMA, Georgeta CIURESCU, Mihaela DUMITRU, Mirela Felicia RANTA	EFFECTS OF DIETARY PROSO MILLET ON PERFORMANCE, PROTEIN PROFILE, NITROGEN BALANCE, AND GREENHOUSE GAS EMISSIONS OF GROWING PIGS
11	Tatiana PANAITE, Gabriela Maria CORNESCU, Nicoleta Aurelia LEFTER, Ana CISMILEANU, Cristina Camelia MATACHE	EFFECTS OF PEAS ( <i>PISUM SATIVUM</i> L.) INCLUSION IN GROWER PIGS' DIETS AS ALTERNATIVE TO SOYBEAN MEAL ON PRODUCTIVE PERFORMANCES, BACKFAT AND MUSCLE THICKNESS PREDICTION
12	Anca GHEORGHE, Mihaela HABEANU, Melania ANDREI, Teodor MIHALCEA, Georgeta DINITA, Adela Ramona MOISE	FORTIFICATION OF MULBERRY LEAVES WITH WHEY PROTEIN IN <i>BOMBYX MORI</i> SILKWORM – A REVIEW
13	Gabriela CORNESCU, Tatiana Dumitra PANAITE, Ana CISMILEANU, Camelia Cristina MATACHE	DETRIMENTAL EFFECTS OF LOW AND HIGH THERMAL STRESS ON LAYING HENS – A COMPREHENSIVE REVIEW
14	Petru Alexandru VLAICU, Arabela Elena UNTEA, Tatiana PANAITE, Gabriela Maria CORNESCU, Mihaela SARACILA, Iulia VARZARU, Alexandra Gabriela OANCEA	NUTRITIONAL STRATEGIES FOR LAYING HENS TO ADDRESS ENVIRONMENTAL CHALLENGES BY REDUCING THE NITROGEN EXCRETION

Paper ID	Authors	Paper Title
15	Mihaela SARACILA, Tatiana Dumitra PANAITI, Arabela Elena UNTEA, Iulia VARZARU, Petru Alexandru VLAICU	EFFECT OF DIETARY BILBERRY LEAVES AND SEA BUCKTHORN MEAL ON PERFORMANCE, CARCASS AND ORGANS DEVELOPMENT, BIOCHEMICAL PARAMETERS AND INTESTINAL MICROFLORA OF BROILER CHICKENS
16	Sonya IVANOVA, Tanya NIKOLOVA, Vasil PIRGOZLIEV, Radena NENOVA	EFFECT OF DIHYDROQUERCETIN ON PERFORMANCE, BACK FAT THICKNESS AND BLOOD BIOCHEMICAL INDICES IN FATTENING PIGS
17	Dragos Mihai LAPUSNEANU, Cristina Gabriela RADU- RUSU, Madalina MATEI, Silvia Ioana PETRESCU, Ioan Mircea POP	AFLATOXINS OCCURRENCE AND LEVELS IN MAIZE FROM A ROMANIAN FEED MILL
18	Hippolyte MEKUIKO WATSOP, Christian WEKERE, Melvin Giress KATCHOUA TCHUALE, François DJITIE KOUATCHO, Danut NICOLAE ENEA, Ion CALIN	EFFECT OF INCORPORATING LEVEL OF MANGO ( <i>MANGIFERA INDICA</i> ) FEED AND BOILED MANGO SEED KERNEL AS PARTIAL SUBSTITUTES FOR MAIZE ON THE ZOOTECHNICAL PERFORMANCE OF BROILERS
19	Jola Josephien Mariane Roosje LONDOK, Cathrien RAHASIA, Mursye REGAR	THE FATTY ACID PROFILE OF BROILER CHICKEN MEAT THAT WAS FED VARYING LEVELS OF LAURIC ACID AND FEED FIBER
20	Alexandra-Gabriela OANCEA, Mihaela SARACILA, Alexandru VLAICU, Iulia VARZARU, Arabela UNTEA, Catalin DRAGOMIR	ASSESSMENT OF THE ANTIOXIDANT POTENTIAL OF BLACKTHORNS AND HAWTHORNS: PROSPECTIVE IMPLICATIONS FOR RUMINANTS' NUTRITION



## SESSION TECHNOLOGIES OF ANIMAL HUSBANDRY

*Session Chair: Assoc. Prof. Dr. Minodora TUDORACHE*

**Time: 12:30 – 13:30**

Paper ID	Authors	Paper Title
1	Iryna HONCHAROVA, Oksana SHEVCHENKO, Liubov LIAKHOVICH, Yuliia MASLAK, Anna FEDIAIEVA	INFLUENCE OF FEEDING LEVEL ON THE REPRODUCTIVE CAPACITY OF HEIFERS OF THE ZNAMIANSKY TYPE OF POLISSYA BEEF BREED
2	Bianca-Maria MADESCU, Alina Narcisa POSTOLACHE, Ioana BOLOHAN, Sorin Aurelian PASCA, Paul Corneliu BOISTEANU	MORPHOSTRUCTURAL CHARACTERIZATION OF <i>Longissimus dorsi</i> MUSCLE TISSUE OF AUBRAC CATTLE
3	Bianca-Maria MADESCU, Roxana LAZAR, Alina Narcisa POSTOLACHE, Madalina Alexandra DAVIDESCU, Marius Mihai CIOBANU, Paul Corneliu BOISTEANU	MICROBIOLOGICAL AND HYGIENIC QUALITY OF AUBRAC CATTLE FRESH MEAT
4	Ioana POROȘNICU, Luminița-Iuliana AILINCĂI, Alina-Narcisa POSTOLACHE, Sabina NECULAI-VĂLEANU, Mirela-Adina ARITON, Mihai MAREȘ	EVALUATION OF THE HEALTH STATUS OF DAIRY COWS DURING A MYCOTOXIN SCREENING OF FEED IN A FARM FROM NORTH-EAST ROMANIA
5	Dimitar TANCHEV, Gergana BALIEVA	HARMONIZING GLOBAL HEALTH - EXPLORING THE ROLES OF WAHIS, EMPRES-I AND ADIS IN ANIMAL HEALTH SURVEILLANCE AND RESEARCH
6	Tsvetelina NIKOLOVA	COMPARATIVE STUDY OF BIOLOGICAL AND TECHNOLOGICAL TRAITS IN <i>Bombyx mori</i> L. FED ARTIFICIAL FOOD AND ADDED PLANT EXTRACTS
7	Adina-Mirela ARITON, Andra-Sabina NECULAI-VĂLEANU, Ioana POROȘNICU	THE IMPACT OF INCREASED SOMATIC CELL COUNT ON COW MILK ACIDITY AND LACTOSE CONTENT

Paper ID	Authors	Paper Title
8	Vasile MACIUC, Ion NECHIFOR, Alexandru Marian FLOREA, B.I. NECHIFOR, I. ȚURCANU, A. BOLDIȘOR, D.C. NECHIFOR, Constantin PASCAL	COMPARATIVE RESEARCH BETWEEN PURE BREED KARAKUL AND MEAT CROSSBRED REGARDING THE FREQUENCY OF GENOTYPES AND PREDISPOSITION TO SCRAPIE
9	Gabriela AMARIȚII, Andra-Sabina NECULAI-VĂLEANU, Bianca MADESCU, Teodor BUGEAC, Vasile MACIUC	STUDY REGARDING THE INFLUENCE OF THE AGE OF FIRST CALVING, PARITY, NEW-BORN WEIGHT AND CALVING SEASON ON DAILY GAIN OF CALVES GROWTH IN A FARM IN NORTH-EAST OF ROMANIA
10	Vasile MACIUC	RESEARCH ON THE INCIDENCE OF MASTITIS AND ITS INFLUENCE ON MILK PRODUCTION IN A HERD OF CATTLE
11	Madalina Ioana MOLDOVAN, Adrian BOTA, Remus Ioan CHIOREAN, Gheorghe Emil MARGINEAN, Danut Nicolae ENEA, Livia VIDU	THE EFFECT OF LACTATION STAGE ON THE COMPONENTS OF MILK, DURING THE GRAZING PERIOD, IN BUFFALOES COWS FROM THE ROMANIAN BUFFALO BREED
12	Marius Gheorghe DOLIȘ, Claudia PÂNZARU, Marius Giorgi USTUROI, Alexandru USTUROI	STUDY ON SEVERAL BODY DIMENSIONS OF HORSES FROM FURIOSO-NORTH STAR BREED
13	Ioana Denisa TARIPIAN, Loredana VĂDUVA, Ionuț DASCĂLU, Olimpia Alina IORDĂNESCU, Ioan PETROMAN	EVALUATION OF ALTERNATIVE PORK PRODUCTION SYSTEMS ON PASTURE FROM A MULTIPLE PERSPECTIVE: WELFARE, ECONOMY, AND ENVIRONMENTAL PROTECTION
14	Vasile - Călin ILIȘIU, Elena ILIȘIU, Andreea - Hortensa ANGHEL, Maria STANCIU, Cristian-Vasile ILIȘIU, Ion - Dumitru CHIRTEȘ, Ana ENCIU, Dorina NADOLU	THE INFLUENCE OF ALFALFA SEMI-SILAGE ADMINISTERED TO SHEEP MOTHERS IN LACTATING PERIOD ON GROWTH PERFORMANCES OF SUCKLING LAMBS

Paper ID	Authors	Paper Title
15	Mykola POVOD, Olena IZHBOLDINA, Oleksandr MYKHALKO, Bogdan GUTYJ, Victor SHUPLYK, Tetyana VERBELCHUK, Valeriy BORSHCHENKO	THE INFLUENCE OF THE SIZE OF THE PIG FARM ON THE PRODUCTIVITY OF PIGLETS AND THE EFFICIENCY OF THEIR BREEDING
16	Joanna MAKULSKA, Michał CUIPIAŁ	SMART TECHNOLOGIES AT LIVESTOCK FARMS
17	Sabina-Gabriela RĂCĂȘANU (GHIZDAVEȚ), Ionuț RĂCĂȘANU, Dănuț-Nicolae ENEA, Alexandru MIHAI, Stelian BĂRĂITĂREANU, Laura Florentina VLĂSCEANU, Livia VIDU	EPIDEMIOLOGY, DIAGNOSIS, TREATMENT, CONTROL AND ECONOMIC IMPACT OF TRICHINOSIS
18	Ionuț RĂCĂȘANU, Sabina-Gabriela RĂCĂȘANU (GHIZDAVEȚ), Dănuț -Nicolae ENEA, Laura Florentina VLĂSCEANU, Livia VIDU, Monica Paula MARIN, Gheorghe Emil MĂRGINEAN	EPIDEMIOLOGY, DIAGNOSIS, TREATMENT, CONTROL AND ECONOMIC IMPACT OF BRUCELLOSIS
19	Sorin ROȘU, Gheorghe Emil MĂRGINEAN, Dănuț-Nicolae ENEA, Monica Paula MARIN, Elena RĂDUCANU, Carmen Georgeta NICOLAE, Livia VIDU	THE HISTORY AND THE MORPHO-PRODUCTIVE CHARACTERS OF THE BROWN CATTLE BREEDS
20	Vasile MACARI, Oleg CHISELIȚA, Ana ROTARU, Natalia CHISELIȚA, Nadejda EFREMOVA, Dmitrii MAȚENCU	INFLUENCE OF COMPLEX MICROBIAL PREPARATION ON PRODUCTIVITY AND CLINICAL HAEMATOLOGICAL STATUS OF RABBITS KITS
21	Mariia VOROBEL, Oleh KLYM, Vasyl KAPLINSKYI, Myron PETRYSHYN, Taras PRUDYUS, Oksana SMOLIANINOVA, Olha STEFANYSHYN, Mariia TSAP, Andrii PYLYPETS, Ivan LUCHKA	THE EFFECTIVENESS OF THE INFLUENCE ON THE EMISSION OF HARMFUL GASES FROM PIG MANURE DURING STORAGE IN LAGOONS THE ADDITION OF MINERAL FERTILIZERS

<b>Paper ID</b>	<b>Authors</b>	<b>Paper Title</b>
22	Taras PRUDYUS, Anatoly GUTSOL, Natalia GUTSOL, Roman KAMINSKY	AMINO ACID AND MINERAL MILK COMPOSITION OF SOWS FED WITH A MIXTURE OF ESSENTIAL OILS
23	Ionuț CĂPRIȚĂ, Ion RĂDUCUȚĂ, Ion CĂLIN	CASE STUDY ON THE ECONOMIC EFFICIENCY OF RAISING PALAS MERINO BREED IN A MODULE OF 100 SHEEP
24	Gabriela MALOȘ, Laurențiu DUMITRACHE, Antonia Gabriela MALOȘ	QUANTIFICATION OF THE INFLUENCE OF THE TEMPERATURE – HUMIDITY INDEX (ITU) ON THE GROWTH OF BROILER CHICKENS IN AN EXTENSIVE SYSTEM (HOUSEHOLD)
25	Sonia BEN FRAJ, Dănuț Nicolae ENEA, Monica Paula MARIN, Livia VIDU	THE BIOLOGICAL ROLE OF SHEEP AND COW MILK PROTEINS

## SESSION REPRODUCTION, PHYSIOLOGY, ANATOMY

*Session chair: Lect. Dr. Paula POŞAN*

**Time: 14:30 – 15:00**

<b>Paper ID</b>	<b>Authors</b>	<b>Paper Title</b>
1	Liubov LIAKHOVICH, Yuliia MASLAK, Iryna HONCHAROVA, Alla PETRENKO, Inna KOSTYUK	MORPHOLOGICAL CHANGES OF EGGS AND REPRODUCTIVE ORGANS OF LAYING HENS WITH TRICHOMONIASIS
2	Genoveva GEORGIEVA, Tsvetomira BANCHEVA, Svetoslava STOYCHEVA	MILK YIELD AND PHYSICO-CHEMICAL COMPOSITION OF MILK OF ROMANOV SHEEP BREED RAISED IN THE FOOT-HILL AREAS OF BULGARIA
3	Vera GRANACI, Valentin FOCSHA, Vasily KURULYUC, Valentina CIUBATCO	THE REPRODUCTIVE PERFORMANCE OF COWS SPECIALIZED FOR MILK PRODUCTION IN THE PROCESS OF ADAPTATION TO NEW LIFE CONDITIONS
4	Svetoslava STOYCHEVA, Lora MONDESHKA	STUDY ON THE PHYSICO-CHEMICAL PROFILE OF COLOSTRUM FROM ANGLO-NUBIAN GOATS 24 HOURS AFTER PARTURITION
5	Nikolay MARKOV, Tsvetan MARKOV, Miroslav HRISTOV, Tsvetelina DIMITROVA	CHARACTERISTICS OF HOOF GROWTH AND WEAR OF BULGARIAN RHODOPEAN CATTLE RAISED ON MANURE AND PASTURE IN THE TROYAN REGION IN THE CENTRAL BALKAN MOUNTAIN
6	Miroslav HRISTOV, Tsvetan MARKOV, Nikolay MARKOV, Ivan YANCHEV, Tsvetelina DIMITROVA	STUDY ON QUANTITATIVE INDICATORS OF RAWHIDE IN SELECTED BEEF COWS AND COMBINED CATTLE BREEDS

Paper ID	Authors	Paper Title
7	Constantin PASCAL, Ionică NECHIFOR, Marian Alexandru FLOREA	THE EFFECT OF CLIMATE CHANGE ON THE REPRODUCTION SEASON OF THE KARAKUL OF BOTOȘANI BREED
8	Olena ZHIGALOVA, Mykola KUSHCH, Olena BYRKA, Viktoriia YURCHENKO, Liubov LIAKHOVICH, Andriy ZAKHARIEV, Sofia SHILINA	MORPHOLOGICAL INDICATORS OF VISCERAL ORGANS OF THE SNAILS <i>Helix pomatia</i> AND <i>Helix aspersa</i> Muller UNDER THE ABIOTIC AND BIOTIC FACTORS' INFLUENCE
9	Constantin GĂVAN, Cosmin ȘONEA	CAUSES AND EFFECTS OF SUBCLINICAL ENDOMETRITIS ON THE REPRODUCTIVE PARAMETERS OF DAIRY COWS
10	Volodymyr SHABLIA, Victoria KUNETS, Tetiana DANILOVA, Petro SHABLIA	INFLUENCE OF WEATHER CONDITIONS IN THE COLD PERIOD OF YEAR ON THE MICROCLIMATE IN COWSHEDS AND MILK PRODUCTIVITY OF COWS
11	Sergiu BALACCI, Ion BALAN, Vladimir BUZAN, Nicolae ROȘCA, Ion MEREUȚA, Vlada FURDUI, Galina OSIPCIUC, Roman CREȚU, Gheorghe BACU, Parascovia ȚURCANU	THE INCIDENCE OF RABIES IN ANIMALS IN THE REPUBLIC OF MOLDOVA DEPENDING ON THE VACCINATION OF FOXES IN THE SYLVATIC ENVIRONMENT
12	Ion BALAN, Nicolae ROȘCA, Vladimir BUZAN, Ion MEREUȚA, Sergiu BALACCI, Roman CREȚU, Gheorghe BACU, Vlad TEMCIUC, Artiom FILIPPOV, Ecaterina VÎHRIST	THE INFLUENCE OF POLYPHENOLS OF NETTLE EXTRACT ( <i>URTICA DIOICA</i> ) ON THE ANTIOXIDANT ACTIVITY IN THE BLOOD SERUM OF ROOSTERS
13	Milan NINKOVIĆ, Nemanja ZDRAVKOVIĆ, Aleksandra TASIĆ	PRESENCE OF SUBCLINICAL MASTITIS AND ECONOMIC LOSSES: IN THE EXAMPLE OF THE SERBIAN SMALLHOLDER'S DAIRY FARMS FROM BULK TANK MILK
14	Francois DJITIE KOUATCHO, Hippolyte MEKUIKO WATSOP, Emile MIEGOUE, Razvan Mihail RADU-RUSU, Eliza SMIZ	EFFECT OF <i>Chromoleana odorata</i> LEAF POWDER ON BIOCHEMICAL AND REPRODUCTION PARAMETERS IN JAPANESE QUAIL INTOXICATED WITH GLYPHOSATE

## SESSION GENETICS AND BREEDING

*Session chair: Assoc. Prof. Dr. Răzvan POPA*

**Time: 15:00 – 15:45**

<b>Paper ID</b>	<b>Authors</b>	<b>Paper Title</b>
1	Nevyana STANCHEVA, Ivona DIMITROVA, Milena BOZHILOVA-SAKOVA, Todor TZONEV	ASSOCIATION OF FABP3 GENE POLYMORPHISM WITH MILK PRODUCTION IN EWES FROM THE BULGARIAN DAIRY SYNTHETIC POPULATION
2	Nevyana STANCHEVA, Ivona DIMITROVA	INFLUENCE OF PRODUCTION YEAR ON THE MILK PRODUCTIVITY IN EWES FROM THE BULGARIAN DAIRY SYNTHETIC POPULATION
3	Madalina Alexandra DAVIDESCU, Daniel SIMEANU, Cristina SIMEANU, Claudia PANZARU, Alexandru USTUROI, Steofil CREANGA	ANALYSIS OF BLOOD BIOCHEMICAL PROFILE OF ENDANGERED ROMANIAN GREY COWS ACCORDING TO AGE
4	Madalina Alexandra DAVIDESCU, Bianca Maria MADESCU, Claudia PANZARU, Ioana POROSNICU, Alexandru USTUROI	AN APPROPRIATE APPROACH ON THE IMPLICATIONS OF MICROARRAY TECHNOLOGY FOR ANIMAL GENETIC RESEARCH
5	Lora MONDESHKA, Svetoslava STOYCHEVA	A STUDY ON THE GROWTH AND DEVELOPMENT OF GOAT KIDS OF THE BULGARIAN WHITE DAIRY BREED UNTIL WEANING
6	Claudia PÂNZARU, Marius Gheorghe DOLIȘ, Mădălina Alexandra DAVIDESCU, Răzvan Mihail RADU-RUSU	FOALING RANK AND BREEDERS' HEIGHT AT WITHERS INFLUENCE ON THE MORPHOLOGICAL QUALITY OF SHAGYA ARABIAN FEMALE PROGENY
7	Ioana BOLOHAN, Roxana LAZAR, Bianca Maria MADESCU, Paul Corneliu BOIȘTEANU	AVIAN EVOLUTION: A COMPREHENSIVE REVIEW OF TAXONOMY AND PHYLOGENETIC HISTORY

Paper ID	Authors	Paper Title
8	Laura MARINIČĂ, Dorina NADOLU, Andreea Hortanse ANGHEL, Constantin PASCAL	STUDY ON THE PRODUCTIVITY OF GOATS INCLUDED IN SELECTION BREEDING WORKS IN OUR COUNTRY
9	Genoveva STAYKOVA, Margarit ILIEV, Todor TSONEV	EFFECT OF SOME FACTORS ON THE BIOLOGICAL PROLIFICACY OF SHEEP FROM THE NORTH EAST BULGARIAN MERINO BREED
10	Ionică NECHIFOR, Marian Alexandru FLOREA, Constantin PASCAL	EVALUATING THE CURRENT IMPROVEMENT STAGE OF THE PREDOMINANT SKINS MODELING OBTAINED FROM KARAKUL OF BOTOSANI BREED
11	Aleksandra KONSTANDOLO, Valentin FOCSHA, Vasily KURULYUK, Lydia GNATYUK, Radu KARAMAN, Natalya GELETSKY	STUDY OF THE INFLUENCE OF LIVE MASS ON THE INDICATORS OF MILK PRODUCTIVITY OF HOLSTEIN COWS OF DIFFERENT ORIGINS
12	Valentin FOKSHA, Alexandra KONSTANDOGLO, Vasily KURULYUK, V. TICLENKO, Natalya GELETSKY	MILK PRODUCTIVITY AND BREEDING-GENETIC PARAMETERS OF ECONOMICALLY VALUABLE TRAITS OF HOLSTEIN COWS OF FRENCH SELECTION
13	Mircea Catalin ROTAR, Rodica Stefania PELMUS, Mihail Alexandru GRAS, Cristina VAN	ESTIMATION THE GENETIC PARAMETERS FOR GROWTH TRAITS IN ABERDEEN ANGUS BREED
14	Viktor KHALAK, Vasyl VOLOSHCHUK, Liudmyla ZASUCHA, Bogdan GUTYJ, Olexandr BORDUN	FEEDING AND MEAT QUALITIES OF YOUNG PIGS OF DIFFERENT INTENSITY OF FORMATION IN EARLY ONTOGENESIS AND THE LEVEL OF THEIR PHENOTYPICAL CONSOLIDATION
15	Andriy SHELYOV, Roman KULIBABA, Kyrylo KOPYLOV, Kateryna KOPYLOVA, Nataliia PROKOPENKO	MICROSATELLITE DIVERSITY IN <i>BOS TAURUS</i> , <i>EQUUS CABALLUS</i> AND <i>GALLUS DOMESTICUS</i> BREEDS REARED IN UKRAINE



# SESSION TECHNOLOGIES OF THE AGRO FOOD PRODUCTS PROCESSING

*Session Chair: Lect. Dr. Nela DRAGOMIR*

Time: 15:45 – 17:00

Paper ID	Authors	Paper Title
1	Tsvetelina DIMITROVA, Silviya IVANOVA, Miroslav HRISTOV, Nikolay MARKOV	FATTY ACID PROFILE AND QUALITATIVE EVALUATION OF THE FAT FRACTION IN WHITE BRINED CHEESE AT 24- HOURS OF PRODUCTION
2	Georgiana Ancuta MISU, Roxana-Andreea MUNTEANU- ICHIM, Cristina Maria CANJA, Mirabela LUPU, Florentina MATEI	NATURAL INHIBITORS IN SOUS VIDE COOKING – A CRITICAL REVIEW
3	Roxana-Andreea MUNTEANU- ICHIM, Georgiana Ancuta MISU, Cristina-Maria CANJA, Mirabela LUPU, Carmen-Liliana BĂDĂRĂU, Vasile PĂDUREANU, Florentina MATEI	NON-DAIRY YOGHURT ENRICHED WITH FUNCTIONAL PLANT-BASED INGREDIENTS - A REVIEW
4	Constantin NISTOR, Bianca-Petruța TIHINIUC-POPA, Benone PĂSĂRIN, Dragoș Florin MANEA	RESEARCH ON THE PHYSICO-CHEMICAL PROPERTIES OF MANGALITSA PORK DERIVED FROM PIGS RAISED IN THE NORTHEASTERN REGION OF ROMANIA
5	Nereida MALO (DALANAJ), Megi CAUSHAJ, Rozana TROJA, Elena MUÇA	WATER ACTIVITY AS A STRUCTURING PARAMETER OF THE HYSTERESIS CYCLE AND ITS ROLE IN FOOD STABILITY
6	Florina RADU, Georgeta- Sofia POPESCU, Monica BUTNARIU	THE EFFECTS OF SOME COMMERCIAL STARTER CULTURES ON THE BIOLOGICALLY ACTIVE PROPERTIES OF THE CLASSIC YOGURT ASSORTMENT

Paper ID	Authors	Paper Title
7	Ioan FILIPOV, Feodor FILIPOV, Claudia PANZARU, Marius Gheorghe DOLIS	A REVIEW CONCERN TO THE CARDIOPROTECTIVE EFFECTS OF HONEY AND ITS CONSTITUENT
8	Anca LUPU, Iuliana BANU, Iuliana APRODU	EFFECT OF THERMAL TREATMENT ON STRUCTURE AND FUNCTIONALITY OF ZEIN
9	Adriana URCAN, Daniel DEZMIREAN, Adriana CRISTE	FROM BEE POLLEN TO BEE BREAD: BEE POLLEN PRESERVATION OR NUTRIENT CONVERSION?
10	Paul-Alexandru POPESCU, Elisabeta Elena POPA, Mihaela GEICU-CRISTEA, Mihaela Cristina DRĂGHICI, Amalia Carmen MITELUȚ, Mona Elena POPA	ADVANCES IN BIO-BASED FOOD PACKAGING MATERIALS – A REVIEW
11	Delia-Gabriela DUMBRAVA, Diana-Nicoleta RABA, Camelia MOLDOVAN, Mirela-Viorica POPA, Corina Dana MISCA, Mariana-Atena POIANA, Carmen Daniela PETCU	INFLUENCE OF SOME NATURAL SEEDS AND POWDERS ADDITION ON THE WHITE BREAD ANTIOXIDANT PROPERTIES AND OTHER CHARACTERISTICS
12	Camelia MOLDOVAN, Mirela-Viorica POPA, Corina Dana MISCA, Diana-Nicoleta RABA, Aurica-Breica BOROZAN, Mariana-Atena POIANA, Carmen Daniela PETCU, Delia-Gabriela DUMBRAVA	INFLUENCE OF THE ADDITION OF APICULTURE PRODUCTS ON THE CHARACTERISTICS OF FORTIFIED YOGHURT
13	Władysław MIGDAŁ, Rafał DUŚ, Dominika DOBRZAŃSKA, Łukasz MIGDAŁ	EFFECT OF SEX ON CHEMICAL COMPOSITION AND MEAT QUALITY OF JAPANESE QUAIL ( <i>Coturnix japonica</i> )

Paper ID	Authors	Paper Title
14	Adriana-Ioana MORARU MANEA, Ioana-Alina POP, Diana MOIGRADEAN, Carmen Daniela PETCU, Delia-Gabriela DUMBRAVA, Viorica-Mirela POPA, Camelia MOLDOVAN, Diana-Nicoleta RABA, Mariana-Atena POIANA	CHANGES IN THE SENSORY PROFILE OF NITRITE-FREE SALAMI FORMULATED WITH THE ADDITION OF FRUIT POWDER MIXTURES
15	Viorica-Mirela POPA, Aurica-Breica BOROZAN, Delia-Gabriela DUMBRAVA, Corina Dana MISCA, Camelia MOLDOVAN, Mariana-Atena POIANA, Carmen Daniela PETCU, Diana-Nicoleta RABA, Mariana-Atena POIANA	INFLUENCE OF THE ADDITION OF ESSENTIAL OILS ON THE MICROBIAL LOAD IN YOGHURT MILK
16	Aliona GHENDOV-MOSANU, Sergiu PAIU, Natalia NETREBA, Viorica BULGARU, Greta BALAN, Angela GUREV, Olga BOESTEAN	THE EFFECT OF PUMPKIN POWDER ON THE QUALITY OF TRITICALE PASTA
17	Rodica STURZA, Adela PINTEA, Violina POPOVICI, Vadim CARAUS, Ecaterina COVACI	ENCAPSULATED BIOLOGICALLY ACTIVE COMPOUNDS FROM RED GRAPE POMACE - A FEASIBLE ALTERNATIVE TO SYNTHETIC DYES
18	Adina NICHITA, Mona Elena POPA	THE VALORIZATION OF PLANT AND ANIMAL BY-PRODUCTS FOR FOOD SUSTAINABILITY
19	Georgeta ȘTEFAN, Corina Nicoleta PREDESCU	USING THE BIOPROTECTION CULTURE FOR DRY FERMENTED SALAMI - THE CONTROL MEASURE OF <i>Listeria monocytogenes</i> GROWTH
20	Florentina BADEA, Mircea Cosmin PRISTAVU, Constantin Alexandru ALDEA, Florentina MATEI	STUDY ON LACTIC ACID BACTERIA POTENTIAL TO INCREASE THE SHELF LIFE OF PERISHABLE AGRO-FOOD PRODUCTS

Paper ID	Authors	Paper Title
21	Roxana Nicoleta RAȚU, Florina STOICA, Florin Daniel LIPȘA, Andra ȘULER, Casiana Agatha PETRESCU, Nicoleta STĂNCIUC, Iuliana APRODU, Oana Emilia CONSTANTIN, Gabriela RÂPEANU	PRELIMINARY STUDIES ON OBTAINING A CHEESE MADE EXCLUSIVELY FROM WHEY ENRICHED WITH PUMPKIN POMACE POWDER
22	Gabriela FRUNZA	QUALITY ASSESSMENT OF SOME ASSORTMENTS OF CHICKEN HOT DOG SAUSAGES
23	Ioana GUCIANU, Florin-Daniel LIPȘA, Bianca Georgiana ANCHIDIN, Elena-Iuliana FLOCEA, Paul Corneliu BOIȘTEANU, Marius Mihai CIOBANU	COMBATING FOOD WASTE BY MAKING A FUNCTIONAL PRODUCT FROM A SLAUGHTERHOUSE BY-PRODUCT AND PROFILING ITS NUTRITIONAL VALUE
24	Bianca-Georgiana ANCHIDIN, Florin-Daniel LIPȘA, Diana-Remina MANOLIU, Marius-Mihai CIOBANU, Mihai-Cătălin CIOBOTARU, Ioana GUCIANU, Paul-Corneliu BOIȘTEANU	ENHANCING ANTIOXIDANT CAPACITY IN FUNCTIONAL MEAT PRODUCTS THROUGH INFUSION WITH SEA BUCKTHORN OIL TO COMBAT INHERENT ANTIOXIDANT DEFICIENCY
25	Mihai Cătălin CIOBOTARU, Diana-Remina MANOLIU, Mădălina MATEI, Beatrice Angela GHEORGHE, Paul Corneliu BOIȘTEANU, Marius Mihai CIOBANU	THE IMPACT OF BONE BROTH ADDITION ON THE SENSORY ACCEPTABILITY OF ASSORTED MEAT PRODUCTS WITH HETEROGENEOUS STRUCTURE
26	Marius-Mihai CIOBANU, Bianca-Maria MĂDESCU, Elena-Iuliana FLOCEA, Mihai-Cătălin CIOBOTARU, Diana-Remina MANOLIU, Bianca-Georgiana ANCHIDIN, Ioana GUCIANU, Paul-Corneliu BOIȘTEANU	IMPACT OF DISODIUM DIPHOSPHATE ON THE COLORIMETRIC PROFILE IN A MEAT PRODUCT WITH HETEROGENEOUS STRUCTURE: AN ANALYSIS IN ACTUAL TECHNOLOGY

Paper ID	Authors	Paper Title
27	Marius Mihai CIOBANU, Mihai Cătălin CIOBOTARU, Ioana GUCIANU, Paul Corneliu BOIȘTEANU, Diana-Remina MANOLIU	IMPACT OF BONE BROTH ON PROTEIN CONTENT, COLOR, AND CONSUMER PREFERENCES IN EMULSIFIED CHICKEN AND TURKEY FRANKFURTERS

## SESSION WILD LIFE MANAGEMENT, FISHERY AND AQUACULTURE

*Session Chair: Assoc. Prof. Dr. Dana POPA*

Time: 16:00 – 17:00

Paper ID	Authors	Paper Title
1	Luiza-Georgeta CRĂCIUNICĂ, Cristina Ileana COVALIU-MIERLĂ	RESEARCH STUDY OF MAMMAL SPECIES OF HUNTING INTEREST IN FOUR HUNTING FUNDS IN TELEORMAN COUNTY AND PRAHOVA COUNTIES
2	Luiza-Georgeta CRĂCIUNICĂ, Cristina Ileana COVALIU-MIERLĂ	IDENTIFICATION OF POTENTIAL EFFECTS OF MINERAL AGGREGATES EXTRACTION ACTIVITY FOLLOWING AN ADEQUATE IMPACT ASSESSMENT ON PROTECTED BIRD SPECIES IN TWO NATURA 2000 SITES FROM TELEORMAN AND PRAHOVA COUNTIES
3	Nikolina ILIEVA, Diana KIRIN	HELMINTH BIODIVERSITY AND HEAVY METAL CONTAMINATION OF <i>PERCA FLUVIATILIS</i> LINNAEUS, 1758 AND <i>EUSTRONGYLIDES EXCISUS</i> JÄGERSKIÖLD, 1909 LARVAEFROM THE WETLAND MANDRA-PODA
4	Violina ANGELOVA	NUTRITIONAL COMPOSITION AND HEAVY METAL CONTAMINATION IN SOME FISH FROM BLACK SEA
5	Petya ZAHARIEVA	BIODIVERSITY AND BIOLOGICAL MONITORING OF THE FRESHWATER ECOSYSTEM OF THE MECHKA RIVER, PART OF THE MARITSA RIVER WATERSHED

Paper ID	Authors	Paper Title
6	Radoslava ZAHARIEVA	BIODIVERSITY AND WATER QUALITY ASSESSMENT OF THE KAYALIKA RIVER (TRIBUTARY OF THE MARITSA RIVER) BASED ON BIOLOGICAL QUALITY ELEMENTS
7	Petya ZAHARIEVA, Diana KIRIN, Radoslava ZAHARIEVA	HYDROBIOLOGICAL MONITORING OF TWO RIVERS FROM THE MARITSA RIVER BASIN BASED ON A BIOLOGICAL QUALITY ELEMENT MACROZOOBENTHOS
8	Radoslava ZAHARIEVA, Diana KIRIN, Petya ZAHARIEVA	HELMINTOLOGICAL STUDY OF FISH FROM THE FRESHWATER ECOSYSTEMS OF THE LUDA YANA RIVER AND CHEPELARSKA RIVER
9	Magda NENCIU, Victor NIȚĂ	TAILORING WESTERN BLACK SEA AQUACULTURE TO IMPENDING CLIMATE CHANGE: LABORATORY TESTING OF GILTHEAD SEABREAM <i>SPARUS AURATA</i> (LINNAEUS, 1758) AS A POTENTIAL CANDIDATE
10	Angelica DOCAN, Lorena DEDIU, Mirela CREȚU, Iulia GRECU, Alina MACOVEIU (DOBRE), Ion VASILEAN	KRILL OIL SUPPLEMENTATION AMELIORATES FRUCTOSE-INDUCED HYPERTRIGLYCERIDEMIA IN <i>CARASSIUS AURATUS CALICO</i>
11	Marian Tiberiu COADĂ, Elena SÎRBU, Neculai PATRICHE, Victor CRISTEA, Mirela CREȚU, Alina ANTACHE, Sândița PLĂCINTĂ, Veta NISTOR, Magdalena TENCIU	EFFECT OF LIGHT INTENSITY ON GROWTH PERFORMANCE, PHYSIOLOGICAL STATE AND TISSUE COMPOSITION OF <i>Polyodon spathula</i> (Walbaum, 1792) JUVENILES
12	Maria Desimira STROE, Angelica DOBRE, Mirela CREȚU, Magdalena TENCIU, Floricel Maricel DIMA, Neculai PATRICHE	OVERALL EFFECTS OF CLIMATE CHANGE ON ECONOMICALLY VALUABLE FISH POPULATIONS IN THE DANUBE RIVER

Paper ID	Authors	Paper Title
13	Iulia GRECU, Mirela CRETU, Angelica DOCAN, Lorena DEDIU, Alina Nicoleta MACOVEIU, Geanina CONSTANDACHE, Cristian RIMNICEANU	EVALUATION OF BIOCHEMICAL MEAT COMPOSITION OF <i>ACIPENSER RUTHENUS</i> AFTER DIETARY IMAZALIL EXPOSURE
14	Alina Nicoleta MACOVEIU, Geanina CONSTANDACHE, Mirela CREȚU, Iulia GRECU, Angelica DOCAN, Lorena DEDIU	HEPATOPROTECTIVE EFFECT OF <i>ULVA LACTUCA</i> AND <i>SPIRULINA PLATENSIS</i> IN <i>CYPRINUS CARPIO</i> EXPOSED TO IMAZALIL
15	Mirela CRETU, Vasilean ION, Dediu LORENA, Placinta SANDITA, Docan ANGELICA, Coada MARIAN TIBERIU, Rimniceanu CRISTIAN, Stroe MARIA DESIMIRA	CULTIVATION OF KALE ( <i>BRASSICA OLERACEA</i> ACEPHALA 'NERO DI TOSCANA') IN AN AQUAPONIC SYSTEM
16	Alina DOBRE, Lorena DEDIU	REVIEW REGARDING THE PROTECTIVE EFFECTS OF GREEN MACROALGAE AGAINST INDUCED TOXICITY IN ANIMAL MODELS
17	Cristian Mihael LEONOV, Maria Desimira STROE, Mirela CRETU, Floricel Maricel DIMA, Livia VIDU, Carmen Georgeta NICOLAE	DETERMINATION OF THE MEAT BIOCHEMISTRY OF PONTIC SHAD <i>ALOSA IMMACULATA</i> (BENNETT, 1835) DURING MIGRATION
18	Magdalena TENCIU, Mirela CRETU, Floricel Maricel DIMA, Maria Desimira STROE, Angelica DOBRE	EFFECTS OF SOME PHARMACEUTICAL POLLUTANTS ON FISH HEALTH, OXIDATIVE STRESS, AND ANTIOXIDANT DEFENSE MECHANISM AT FISH. A REVIEW
19	Kety BALACI, Maria Desimira STROE, Angelica DOBRE, Monica Paula MARIN, Dana POPA, Carmen Georgeta NICOLAE	ANALYSIS OF THE MAIN CAUSES THAT MAY CONTRIBUTE TO THE DECLINE OF SOME ECONOMIC VALUE FISH STOCKS IN THE DANUBE RIVER
20	Iulia GRECU, Angelica DOCAN, Mirela CRETU, Alina Nicoleta MACOVEIU, Geanina CONSTANDACHE, Cristian RIMNICEANU, Lorena DEDIU	CHANGES IN LEUKOCYTE PROFILES OF <i>ACIPENSER RUTHENUS</i> JUVENILES INDUCED BY IMAZALIL DIETARY EXPOSURE



Paper ID	Authors	Paper Title
21	Mariana Cristina ARCADE, Mioara COSTACHE, Marinela GANCEA, Daniela RADU, Mihail COSTACHE, Carmen Georgeta NICOLAE	INTEGRATING FRESHWATER SWAN MUSSEL <i>ANODONTA CYGNEA</i> IN POLYCULTURE WITH FISH: ESTABLISHING A CONTROLLED ZONE WITHIN THE LOWER SECTION OF A FISH CAGE FARM
22	Nicoleta-Georgeta DOBROTĂ, Gheorghe DOBROTĂ, Silvia RADU, Mioara COSTACHE, Daniela RADU, Nino MARICA	RESEARCH ON THE EVOLUTION OF MORPHOLOGICAL INDICES IN THE <i>CYPRINUS CARPIO</i> - SPECIES DURING THE COLD SEASON IN THE CONTEXT OF CLIMATE CHANGE
23	Gheorghe DOBROTĂ, Nicoleta-Georgeta DOBROTĂ, Nino MARICA, Silvia RADU	THE INFLUENCE OF THE FOOD TYPE ON THE DEVELOPMENT OF PIKE-PERCH ( <i>SANDER LUCIOPERCA</i> , LINNAEUS -1758) IN THE POST-EMBRYONIC PERIOD
24	Silvia RADU, Nicoleta-Georgeta DOBROTĂ, Mioara COSTACHE, Gheorghe DOBROTĂ, Daniela RADU, Nino MARICA	ASSESSMENT OF THE ZOOPLANKTONIC COMMUNITIES IN AQUATIC BASINS IN THE SOUTHERN AREA OF ROMANIA
25	Daniela Cristina IBĂNESCU, Adina POPESCU, Mihaela CRISTESCU, Aurelia NICA	SPATIAL - TEMPORAL DISTRIBUTION OF THE EURASIAN OTTER ( <i>Lutra lutra</i> ) POPULATION SOMOVA AQUATIC COMPLEX - PARCHEȘ, ROMANIA
26	Ionel IVAN, Monica Paula MARIN, Paula POSAN, Marius MAFTEI, Mala STAVRESCU-BEDIVAN, Carmen Georgeta NICOLAE	PHYSICOCHEMICAL WATER PARAMETERS - LIMITING FACTORS ON THE RAINBOW TROUT GROWTH IN RECIRCULATING AQUACULTURE SYSTEMS
27	Elena GHERASIM	NEW DATA FOR HELMINTH FAUNA OF <i>RANA TEMPORARIA</i> (LINNAEUS, 1758) IN THE REPUBLIC OF MOLDOVA

Paper ID	Authors	Paper Title
28	Barbara TOMBARKIEWICZ, Bartosz BOJARSKI, Leszek SZAŁA, Mateusz JAKUBIAK, Krzysztof PAWLAK	THE INFLUENCE OF SELECTED ENVIRONMENTAL FACTORS ON COMMON CARP ( <i>Cyprinus carpio</i> ) EMBRYONIC DEVELOPMENT AND HATCHING
29	Săndița PLĂCINTĂ, Mirela CREȚU, Marian Tiberiu COADĂ, Florice! Marice! DIMA, Elena SÎRBU, Maria Cristina CHIOVEANU	EFFECT OF DIETARY PROTEIN LEVEL ON GROWTH, HEMATOLOGICAL PROFILE, AND MEAT BIOCHEMICAL COMPOSITION OF JUVENILE EUROPEAN CATFISH
30	Geanina CONSTANDACHE, Florice! Marice! DIMA, Magdalena TENCIU, Iulia GRECU, Viorica SAVIN, Lorena DEDIU	REVIEWING THE POSITIVE IMPACT OF SPIRULINA ON THE HEALTH OF FISH
31	Viorica SAVIN, Magdalena TENCIU, Florice! Marice! DIMA, Neculai PATRICHE, Marilena Florentina LACATUS, Elena Ioana COMAN, Victor CRISTEA	INFLUENCE OF PROBIOTIC DIETS ON THE GROWTH AND WELL-BEING OF <i>ACIPENSER BAERII</i> SPECIES IN A RECIRCULATING AQUACULTURE SYSTEM
32	Elena GHERASIM	HELMINTH FAUNA OF <i>RANA DALMATINA</i> (BONAPARTE, 1840) IN THE REPUBLIC OF MOLDOVA
33	Alexandru USTUROI, Marius Giorgi USTUROI, Roxana Nicoleta RAȚU, Madalina Alexandra DAVIDESCU, Francois DJITIE KOUATCHO, Mohamed KENAWI, Petronella Van der PASCH	THE PHYSIOLOGICAL EFFECTS OF SOME STRESS INDICATORS IN RAINBOW TROUT RAISED IN DIFFERENT SYSTEMS
34	Petronela Mihaela ROȘU, Cristian Romeo BELU, Dana TĂPĂLOAGĂ, Bogdan GEORGESCU, Adela Ioana MUSTĂȚEA, Sorina Andreea MIHAI	MORPHOLOGICAL PARTICULARITIES OF THE SNOW LEOPARD SKULL - IRBIS ( <i>Panthera uncia</i> - Schreber, 1775) - CASE STUDY

Paper ID	Authors	Paper Title
35	Cătălin PĂUN, George ȚIGANOV, Mădălina GALAȚCHI, Daniel GRIGORAȘ, Cristian Sorin DANILOV, Daniela BĂNARU, Carmen Georgeta NICOLAE	SPATIO-TEMPORAL VARIATIONS OF LENGTH, TOTAL WEIGHT AND BODY CONDITION INDEX OF THE MEDITERRANEAN HORSE MACKEREL FROM THE ROMANIAN BLACK SEA AREA
36	Ioan BANATEAN-DUNEA, Ciprian CORPADE, Olga RADA, Florin CRISTA, Ștefan BATRINA, Adrian DUMELE, Liana Mihaela FERICEAN	THE EVOLUTION OF THE CONSERVATION STATUS OF THE COMMUNITY INTEREST SPECIES, <i>Barbus meridionalis</i> , AT THE LEVEL OF DOMOGLÉD – CERNA VALLEY NATIONAL PARK
37	Floricelel Maricelel DIMA, Veta NISTOR, Neculai PATRICHE, Magdalena TENCIU, Elena SÎRBU, Ágnes KERESZTESI, Róbert SZEP	THE USE OF STURGEON CULTURE TECHNOLOGIES FOR IRRIGATION CANAL EXPLOITATION
38	Mirela CRETU, Stroe MARIA DESIMIRA, Ion GABRIEL, Dima FORICEL MARICEL, Patriche NECULAI, Tenciu MAGDALENA	PROXIMATE COMPOSITION CHANGES OF PONTIC SHAD MEAT ( <i>ALOSA IMMACULATA</i> , BENNET) DURING SPAWNING MIGRATION



## Section 4

# **VETERINARY MEDICINE**

## SCIENTIFIC COMMITTEE OF VETERINARY MEDICINE SECTION

- Larry ADAMS - Purdue University College of Veterinary Medicine, Indiana, USA
- Sarah BAILLIE - Bristol Veterinary School, University of Bristol, UK
- Stelian BĂRĂITĂREANU - Faculty of Veterinary Medicine, USAMV of Bucharest, Romania
- Cinzia BENAZZI - Veterinary Medical Sciences, University of Bologna, Italy
- Laurentiu BENGA -Veterinary Laboratory of the Central Unit for Animal Research and Welfare Affairs, University Hospital, Heinrich Heine University Dusseldorf, Germany
- Cornel CĂTOI - Faculty of Veterinary Medicine, USAMV of Cluj-Napoca, Romania
- Emilia CIOBOTARU-PÎRVU - Faculty of Veterinary Medicine, USAMV of Bucharest, Romania
- Iuliana CODREANU - Faculty of Veterinary Medicine, USAMV of Bucharest, Romania
- Mario CODREANU - Faculty of Veterinary Medicine, USAMV of Bucharest, Romania
- Cristin COMAN - “Cantacuzino” National Institute for Medical-Military Research and Development, Romania
- Doina DANEȘ - Faculty of Veterinary Medicine, USAMV of Bucharest, Romania
- Nicodim FIT - Faculty of Veterinary Medicine, USAMV of Cluj-Napoca, Romania
- Claudio GENCHI - Dep. of Veterinary Sciences and Public Health, University of Milan, Italy
- Viorel HERMAN - Faculty of Veterinary Medicine, USV from Timisoara, Romania
- Anja KIPAR - Institute of Veterinary Pathology, Vetsuisse Faculty Zurich, University of Zurich, Switzerland
- Mihai MAREȘ - Faculty of Veterinary Medicine, USV of Iasi, Romania
- Liviu Dan MIRON - Faculty of Veterinary Medicine, USV of Iasi, Romania
- Dumitru MILITARU - Academy of Agricultural and Forestry Sciences “Gheorghe Ionescu-Șișești”, Bucharest, Romania
- Manuella MILITARU - Faculty of Veterinary Medicine, USAMV of Bucharest, Romania
- Sorin MORARIU - Faculty of Veterinary Medicine, USV from Timisoara, Romania
- Florin MUSELIN - Faculty of Veterinary Medicine, USV from Timisoara, Romania
- Domenico OTRANTO - Università degli Studi di Bari Aldo Moro, Italy
- Gheorghe SAVUȚA - Faculty of Veterinary Medicine, USV of Iasi, Romania
- Gheorghe SOLCAN - Faculty of Veterinary Medicine, USV of Iasi, Romania
- Marina SPÎNU - Faculty of Veterinary Medicine, USAMV of Cluj-Napoca, Romania
- Dana TĂPĂLOAGĂ - Faculty of Veterinary Medicine, USAMV of Bucharest, Romania
- Constantin VLĂGIOIU - Faculty of Veterinary Medicine, USAMV of Bucharest, Romania

## ORGANIZING COMMITTEE OF VETERINARY MEDICINE SECTION

- Iuliana IONAȘCU
- Gheorghe Valentin GORAN
- Laurențiu TUDOR
- Gabriel GĂJĂILĂ
- Nicoleta CIOCÎRLIE
- Dana TĂPĂLOAGĂ
- Stelian BĂRĂITĂREANU
- Niculae TUDOR
- Petronela Mihaela ROȘU
- Ionuț Răzvan DOBRE

## **SECTION 4 – VETERINARY MEDICINE**

*Veterinary Medicine Section Chairman:*  
*Assoc. Professor Dr. Iuliana IONAȘCU*

*Veterinary Medicine Section Raporteur:*  
*Professor Dr. Emilia CIOBOTARU-PÎRVU*

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**Venue:**  
**University of Agronomic Sciences and Veterinary Medicine of Bucharest**  
**Faculty of Veterinary Medicine of Bucharest**  
**E-mail:** [agricultureforlife@usamv.ro](mailto:agricultureforlife@usamv.ro)  
**Web:** <https://agricultureforlife.usamv.ro>

<i>Activity</i>	<i>Venue</i>
<b><i>Arrival and Registration of participants</i></b>	<i>Building 17, Ground Floor, Main Hallway - in front of "Aurel Popoviciu" Aula</i>
<b><i>Plenary session presentations</i></b>	<i>Building 17, Ground Floor, "Aurel Popoviciu" Aula</i>
<b><i>Oral paper presentations:</i></b> - Session: <i>Fundamental Sciences</i> - Session: <i>Clinical Sciences</i> - Session: <i>Animal Production, Public Health and Food Quality Control</i> - Session: <i>Experimental Medicine</i> - Session: <i>Miscellaneous</i>	<i>Building 17, Ground Floor, "Aurel Popoviciu" Aula</i>
<b><i>Oral paper presentations</i></b> - Session: <i>Fundamental Sciences</i> - Session: <i>Clinical Sciences</i> - Session: <i>Animal Production, Public Health and Food Quality Control</i> - Session: <i>Experimental Medicine</i> - Session: <i>Miscellaneous</i>	<i>Building 17, Ground Floor, "Aurel Popoviciu" Aula</i>
<b><i>Poster display</i></b>	<i>Building 17, Preclinical Sciences - Main Hallway &amp; "Aurel Popoviciu" Aula</i>

## PROGRAMME

Venue: *Faculty of Veterinary Medicine of Bucharest,  
105 Splaiul Independentei, District 5, Bucharest*

### Thursday, 6<sup>th</sup> of June, 2024

- 14:00 – 14:30     **Registration of participants**  
*Building 17, Ground Floor, Main Hallway – in front of “Aurel Popoviciu” Aula*
- 14:30 – 14:45     **Official Opening of the Conference Section 4**  
*Building 17, Preclinical Sciences - “Aurel Popoviciu” Aula*
- 14:45 – 16:00     **Plenary Session Presentations**  
*Building 17, Preclinical Sciences - “Aurel Popoviciu” Aula*
- 16:00 – 16:30     **Coffee break**  
*Building 17, Ground Floor, Main Hallway – in front of “Aurel Popoviciu” Aula*
- 16:30 – 17:00     **Posters session 1: Viewing & Discussions**  
*Building 17, Preclinical Sciences - Main Hallway & “Aurel Popoviciu” Aula*
- 19:00 – 21:30     **Official Gala Dinner – Cultural Event (Ceres Restaurant)**

### Friday, 7<sup>th</sup> of June, 2024

- 08:00 – 09:00     **Registration of participants**  
*Building 17, Ground Floor, Main Hallway – in front of “Aurel Popoviciu” Aula*
- 09:00 – 11:00     **Oral paper presentation: Session 1**  
*Building 17, Preclinical Sciences - “Aurel Popoviciu” Aula*
- 11:00 – 11:30     **Coffee break**  
*Building 17, Ground Floor, Main Hallway – in front of “Aurel Popoviciu” Aula*
- 11:30 – 13:30     **Oral paper presentation: Session 2**  
*Building 17, Preclinical Sciences - “Aurel Popoviciu” Aula*
- 13:30 – 14:30     **Lunch**  
*Building 2, Inner courtyard*
- 14:30 – 15:00     **Posters session 2: Viewing & Discussions**  
*Building 17, Preclinical Sciences - Main Hallway & “Aurel Popoviciu” Aula*
- 15:00 – 15:30     **Final discussions and conclusions; Closing Ceremony**  
*Building 17, Preclinical Sciences - “Aurel Popoviciu” Aula*



**DETAILED PROGRAMME**  
**Day 1, Thursday, 6<sup>th</sup> of June, 2024**

*Building 17, Ground Floor, "Aurel Popoviciu" Aula*

**Time: 14:30 – 16:00**

**Session Moderators:**     *Assoc. Professor Iuliana IONAȘCU, PhD*  
  *Assoc. Professor Gheorghe GORAN, PhD*

<b>Time</b>	<b>Authors</b>	<b>Paper Title</b>
14:30 – 14:45	<i>Conference Section Opening</i>	<i>Opening words, messages from guests</i>
14:45 – 15:05	<b>Jakab SZILARD</b>	<i>A Veterinarian's Tale – from Practitioner to Educator</i>
15:05 – 15:20	<b>Dinu GAVOJDIAN,</b> <b>Mădălina MINCU,</b> <b>Ioana NICOLAE</b>	<i>Artificial intelligence approaches to evaluate individuality in cattle based on vocal emissions</i>
15:25 – 15:45	<b>Laurențiu TUDOR</b>	<i>Clinical guidelines in the pathology of pet chelonians</i>
15:45 – 16:00	<i>Discussions</i>	
<b>16:00 – 16:30</b>	<i>Coffee break</i>	
16:30 – 17:00	<i>Posters session 1: Viewing &amp; Discussions</i>	
19:00 – 21:30	<i>Official Gala Dimer – Cultural Event (Ceres Restaurant)</i>	

## POSTER SESSION 1

Building 17, Preclinical Sciences - Main Hallway & "Aurel Popoviciu" Aula

FUNDAMENTAL SCIENCES

CLINICAL SCIENCES

ANIMAL PRODUCTION, PUBLIC HEALTH AND FOOD QUALITY CONTROL

VETERINARY EDUCATION

EXPERIMENTAL MEDICINE

MISCELLANEOUS

**Time: 16:30 – 17.00**

**Session Moderators:** *Professor Iuliana CODREANU, PhD*  
*Assoc. Professor Corina PREDESCU, PhD*

No.	Authors	Paper Title
1.	Marian GHIȚĂ, Răzvan DOBRE, Simona NICOLAE, Adrian RĂDUȚĂ, Ioana Nicole REU, Iuliana CODREANU	RESEARCH ON THE VALUES OF SOME ELECTROCARDIOGRAPHIC PARAMETERS IN DOGS, ACCORDING TO BREED
2.	Marius-Mihai BĂDULESCU, Alexandru Gabriel NEAGU, Raluca Mihaela TURBATU, Ruxandra Georgiana PAVEL, Niculae TUDOR, Constantin VLĂGIOIU	MAGNETIC RESONANCE IMAGING OF INTERVERTEBRAL DISC DISEASE ON CERVICAL SPINE IN DOGS – 12 CASES
3.	Vlad-Traian LUPU, Niculae TUDOR, Constantin VLĂGIOIU	CLINICAL AND ULTRASONOGRAPHIC FINDINGS IN GALLBLADDER MUCOCELE IN DOGS
4.	Cătălin MICȘA, Maria Roxana TURCU, Florin POSASTIUC, Tiberiu CONSTANTIN, Dorin ȚOGOE, Alexandru DIACONESCU	ENDOSCOPIC TRANSCERVICAL INSEMINATION: A METHOD FOR SUCCESSFUL CANINE ARTIFICIAL INSEMINATION
5.	Ionuț Răzvan DOBRE, Marian GHIȚĂ, Andrei MARMANDIU	CLINICAL APPROACH AND EFFECTIVENESS OF THERAPY WITH SOME ANTIULCER DRUGS IN DIGESTIVE DISEASES IN DOGS

No.	Authors	Paper Title
6.	Ioana ENE, Ruxandra COSTEA, Ruxandra PAVEL, Ovidiu ROȘU, Mario Darius CODREANU	REMOTE CHEMICAL IMMOBILIZATION AND ANESTHESIA FOR ORCHIDECTOMY IN A PLAINS ZEBRA ( <i>EQUUS QUAGGA</i> )
7.	Radena NENOVA, Stanimir ENCHEV, Pencho PENCHEV, Yordanka YORDANOVA, Desislava IVANOVA, Galina NIKOLOVA, Yanka KARAMALAKOVA, Matthias SCHREINER	OXIDATIVE STRESS IN ASSOCIATION WITH MANY PATHOPHYSIOLOGICAL CONDITIONS AND THE ROLE OF THE NATURAL ANTIOXIDANTS IN LIVESTOCK. A REVIEW
8.	Fabiola IONIȚĂ, Cristin COMAN, Mario Darius CODREANU	MICE MODELS IN METABOLIC SYNDROME RESEARCH – A REVIEW
9.	Adrian RĂDUȚĂ, Oana Diana MIHAI, Simona NICOLAE, Ioana Nicole REU	RESEARCH ON INFLAMMATORY ANEMIA INDUCED BY CORTICOSTEROIDS
10.	Raluca Elena TIU, George Laurențiu NICOLAE, Adina Mihaela PÎRVU, Ana Alexandra DOBRIN, Emilia CIOBOTARU-PÎRVU	<i>DIROFILARIA IMMITIS</i> INFESTATION IN A CAT FROM ROMANIA: FIRST NECROPSY REPORT

**DETAILED PROGRAMME**  
**Day 2, Friday, 7<sup>th</sup> of June, 2024**

**ORAL PAPER PRESENTATIONS**

*Building 17, Ground Floor, "Aurel Popoviciu" Aula*

**SESSION 1**

FUNDAMENTAL SCIENCES

CLINICAL SCIENCES

ANIMAL PRODUCTION, PUBLIC HEALTH AND FOOD QUALITY CONTROL

VETERINARY EDUCATION

EXPERIMENTAL MEDICINE

**Time: 09:00 – 11:00**

*Session Moderators:      Professor Doina DANEȘ, PhD*  
*Professor Antonello BUFALARI, PhD*

Time	Authors	Paper Title
09:00 – 09:10	Sorina-Andreea MIHAI, Adela Ioana MUSTĂȚEA, Ioan CIOAREC-LUPAN, Gabriel PREDOI	STUDY ON THE MORPHO-TOPOGRAPHY AND VASCULARIZATION OF THE PAROTID GLAND IN SMALL RUMINANTS
09:10 – 09:20	Gheorghe-Valentin GORAN, Emanuela BADEA, Cristina ȚOCA, Camille BELLI	DOGS' HAIR AND TISSUES AS BIOINDICATORS FOR THE ASSESSMENT OF HEAVY METALS POLLUTION
09:20 – 09:30	Alice-Mihaela RĂDULESCU, Elena-Teodora VULCAN, Lucian IONIȚĂ	ACUTE CONGESTIVE HEART FAILURE SECONDARY TO TRANSIENT MYOCARDIAL THICKENING IN A CAT: CASE REPORT
09:30 – 09:40	Alexandru Gabriel NEAGU, Raluca Mihaela TURBATU, Mihai Marius BADULESCU, Cristina FERNOAGA, Niculae TUDOR, Constantin VLAGIOIU	CLINICAL, NEUROLOGICAL AND MAGNETIC RESONANCE ASPECTS IN MYELOMALACIA IN DOGS – 10 CASES

<b>Time</b>	<b>Authors</b>	<b>Paper Title</b>
09:40 – 09:50	Petronela MUNTEANU, Ilaria PORCELLATO, Elisabetta MANUALI, Eleonora CALZONI, Chiara MARINI, Leonardo LEONARDI	COMPARATIVE DESCRIPTION OF HUMAN AND CANINE EXTRASKELETAL OSTEOSARCOMA (EOS): A PRELIMINARY IMMUNOHISTOCHEMICAL INVESTIGATION
09:50 – 10:00	Dalma PIVARIU, Daniela NEAGU, Octavia Maria TAMAS-KRUMPE, Petrica NEDELEA, Nechita-Adrian OROS, Andras-Laszlo NAGY	HEPATIC AND RENAL IMPAIRMENT IN ANTICOAGULANT RODENTICIDE POISONING
10:00 – 10:10	Dalma PIVARIU, Sabrina ARDELEAN, Nechita-Adrian OROS, Mircea MIRCEAN, Melania Ioana CRISAN	HEMATOLOGICAL AND BIOCHEMICAL INVESTIGATIONS IN CASE OF ACETAMINOPHEN ADMINISTRATION IN HORSES
10:10 – 10:20	Antonello BUFALARI	MESH-ENHANCED SUTURES: A NOVEL APPROACH FOR TREATING COMPLETE ACHILLES TENDON RUPTURE IN DOGS
10:20 – 10:30	Alina ȘTEFĂNESCU, Cristian Ionuț FLOREA, Crina Alexandra BOANCA, Andrei RĂDULESCU, Alexandru Bogdan VIȚĂLARU	PERITONEOPERICARDIAL DIAPHRAGMATIC HERNIA IN A MINIATURE SCHNAUZER: CASE REPORT
10:30 – 10:40	Cristian Ionuț FLOREA, Crina Alexandra BOANCA, Andrei RĂDULESCU, Alina ȘTEFĂNESCU, Alexandru Bogdan VIȚĂLARU	ALFAXALONE SEDATION FOR CENTRAL VENOUS CATHETERIZATION IN A DOG UNDERGOING HEMODIALYSIS: CASE REPORT
10:40 – 10:50	Georgeta ȘTEFAN	DYNAMICS OF POST-VACCINATION ANTIBODIES AGAINST CANINE PARVOVIRUS IN DOGS
10:50 – 11:00	Ionuț Florian PARASCHIVESCU, Andreea Ștefania PARASCHIVESCU, Doina DANEȘ	THE USE OF EXTERNAL FIXATORS FOR THE REPAIR OF SEVERELY COMMINUTED BILATERAL FEMORAL FRACTURES IN A FELINE PATIENT – SINGLE CASE STUDY
11:00 – 11:30	<i>Coffee break</i>	

# ORAL PAPER PRESENTATIONS

Building 17, Ground Floor, "Aurel Popoviciu" Aula

## SESSION 2

FUNDAMENTAL SCIENCES

CLINICAL SCIENCES

ANIMAL PRODUCTION, PUBLIC HEALTH AND FOOD QUALITY CONTROL

VETERINARY EDUCATION

EXPERIMENTAL MEDICINE

**Time: 11:30 – 13:30**

**Session Moderators:** *Professor Emilia CIOBOTARU-PÂRVU, PhD*  
*CS I Cristin COMAN, PhD*

Time	Authors	Paper Title
11:30 – 11:40	Petronela Mihaela ROȘU, Bogdan GEORGESCU, Cristian BELU, Valerica DANACU, Sorina Andreea MIHAI, Adela Ioana MUSTĂȚEA	MORPHOLOGICAL PARTICULARITIES OF THE JACKAL SKULL ( <i>CANIS AUREUS</i> ) - CASE STUDY
11:40 – 11:50	Simona NICOLAE, Iuliana CODREANU	ETHOLOGICAL STUDY REGARDING THE DIPSIC BEHAVIOUR CHANGES DURING THE GESTATION PERIOD IN DOMESTIC CATS
11:50 – 12:00	Emanuela BADEA, Gheorghe Valentin GORAN, Cristina ȚOCA, Miruna CARLAN	ASSESSMENT OF HEAVY METALS AND TRACE ELEMENTS IN HAIR SAMPLES FROM CATS WITH GASTROINTESTINAL LYMPHOMA
12:00 – 12:10	Crina-Alexandra BOANCA, Cristian Ionuț FLOREA, Andrei RĂDULESCU, Alina ȘTEFĂNESCU, Bogdan Alexandru VIȚĂLARU	HYDRONEPHROSIS, DIABETES AND FELINE UROLOGIC SYNDROME IN A MIXED BREED TOMCAT: CASE REPORT
12:10 – 12:20	Andrei RĂDULESCU, Cristian Ionuț FLOREA, Crina Alexandra BOANCĂ, Alina ȘTEFANESCU, Alexandru Bogdan VIȚĂLARU	P-WAVE VARIATIONS IN CENTRAL VENOUS CATHETERIZATION IN A CANINE PATIENT UNDERGOING HEMODIALYSIS: CASE REPORT
12:20 – 12:30	Madalina BELOUS	ASSESSMENT OF THE SPOILAGE MICROFLORA IN POULTRY AND CARCASSES CONDEMNATION

Time	Authors	Paper Title
12:30 – 12:40	Adela Ioana MUSTĂȚEA, Sorina Andreea MIHAI, Petronela Mihaela ROȘU, Manuella MILITARU, Emilia CIOBOTARU-PÎRVU	ASSESSING COMMUNICATION WITHIN COMPANION ANIMAL PRACTICES: VETERINARIAN VS. PET OWNER
12:40 – 12:50	Cristin COMAN, Diana-Larisa ANCUȚA, Fabiola - Margareta IONIȚĂ, Ioana Violeta CARACOTI, Costin CARACOTI, Andrei Alexandru MUNTEAN, Mircea Ioan POPA	DEVELOPMENT OF A MURINE MODEL OF NEUROBORRELIOSIS INDUCED BY HUMAN <i>BORRELLIA</i> STRAIN
12:50 – 13:00	Cristina CĂȘARU, Anca BULGARU, Elena NEGRU, Mihai DANEȘ, Doina DANEȘ	ANTIBACTERIAL EFFECT OF ESSENTIAL OILS AGAINST BACTERIAL STRAINS ISOLATED FROM COWS WITH MASTITIS
13:00 – 13:10	Maria-Mihaela IFROSE, Emilia CIOBOTARU-PÎRVU	DIFFERENTIATION OF FELINE INTESTINAL T-CELL LYMPHOMA FROM INFLAMMATORY BOWEL DISEASE BY POLYMERASE CHAIN REACTION FOR ANTIGEN RECEPTOR REARRANGEMENT (PARR)
13:10 – 13:20	Imran AHMED, Hamza Bin AHMAD	EFFECTIVE CONTROL AND PREVENTION OF DENGUE ( <i>Aedes</i> <i>Aegypti</i> ) VECTOR FROM <i>Citrullus colocynthis</i> , <i>Datura</i> <i>stramonium</i> AND <i>Azadirachta</i> <i>indica</i> PLANT EXTRACTS THROUGH
13:20 – 13:30	Michael OKE	AN OVERVIEW OF THE FISH ISSUES FACING GWAGWALADA'S FISH FARMERS AND TRADERS NIGERIA'S ABUJA
13:30 – 14:30	<b>Lunch</b>	<i>Building 2, Inner courtyard</i>

## POSTER SESSION 2

*Building 17, Preclinical Sciences - Main Hallway & "Aurel Popoviciu" Aula*

FUNDAMENTAL SCIENCES  
CLINICAL SCIENCES  
ANIMAL PRODUCTION, PUBLIC HEALTH AND FOOD QUALITY CONTROL  
VETERINARY EDUCATION  
EXPERIMENTAL MEDICINE  
MISCELLANEOUS  
**Time: 14:30 – 15:00**

**Session Moderators:** *Professor Gabriel COTOR, PhD*  
*Assoc. Professor Nicoleta CIOCÎRLIE, PhD*

No.	Authors	Paper Title
1.	Madalina Claudia CIOARIC (DEGENARO)	CHARACTERIZATION OF THE METABOLIC RESPONSE OF LOHMANN BROWN LAYERS TO FEEDING DIETS WITH DIFFERENT PROTEIN LEVELS
2.	Ralitsa RANKOVA, Gergana BALIEVA	DISTRIBUTION AND PREVALENCE OF BRUCellosIS OUTBREAKS IN EUROPE IN THE PERIOD 2002-2022
3.	Madalina Claudia CIOARIC (DEGENARO)	EFFECTS OF PRE-LAY DIETARY PROTEIN LEVELS AND ENERGY ON SUBSEQUENT PERFORMANCES IN LOHMANN BROWN LAYERS
4.	Mariana CARAMAN	THE CURATIVE EFFICIENCY OF THE COMPLEX BIOLOGICALLY ACTIVE MICROBIAL PREPARATION IN AVIAN CLOSTRIDIOSIS
5.	Bogdan Alexandru VIȚĂLARU, Cristian Ionuț FLOREA, Crina Alexandra BOANCA, Andrei RĂDULESCU, Alina ȘTEFĂNESCU	SURGICAL APPROACH OF RENAL CALCULI IN A MIXED BREED FEMALE DOG: CASE REPORT
6.	Anca Maria ZISOPOL, Ioan Liviu MITREA, Mariana IONIȚĂ	EPIDEMIOLOGY OF COMMON HELMINTH INFECTIONS IN DOMESTIC CARNIVORES: A SYSTEMATIC REVIEW ON THE ASSOCIATED RISK FACTORS



No.	Authors	Paper Title
7.	Adrian MIHAI, Nicoleta Andreea MINCĂ, Bogdan Alexandru TASBAC, Carmen IONIȚĂ, Roxana Mariana IGNĂTESCU, Daniela BRĂSLAȘU, Letiția PURDOIU, Lucian IONIȚĂ	CLINICAL AND BACTERIOLOGICAL STUDY REGARDING A DEEP CHRONIC GOAT'S DERMATITIS
8.	Crina ANDREI, Nicolae Tiberiu CONSTANTIN, Florin Petrișor POSASTIUC, Alexandru DIACONESCU, Mariana IONIȚĂ, Ioan Liviu MITREA	CONSEQUENCES OF NEOSPOROSIS ON EMBRYO TRANSFER IN BUFFALOES: REVIEW
9.	Leonardo LEONARDI, Diletta CHIATTELLI, Alice Cartoni MANCINELLI	EVALUATION OF CALCIUM, PHOSPHORUS AND CHOLECALCIFEROL INTAKE, PRODUCTIVE PERFORMANCE, EGG QUALITY AND KEEL BONE DAMAGE WITHIN LAYING HENS REARED IN FREE-RANGE AND BARN SYSTEMS
10.	Cătălin MICȘA, Maria Roxana TURCU, Dorin ȚOGOE	ADVANCEMENTS IN LAPAROSCOPIC SURGERY FOR VETERINARY MEDICINE: ESSENTIAL INSTRUMENTS AND PROCEDURES



## Section 5

**LAND RECLAMATION, EARTH  
OBSERVATION & SURVEYING,  
ENVIRONMENTAL ENGINEERING**

**SCIENTIFIC COMMITTEE OF  
LAND RECLAMATION, EARTH OBSERVATION & SURVEYING,  
ENVIRONMENTAL ENGINEERING SECTION**

- Alexandru BADEA - University of Agronomic Sciences and Veterinary Medicine of Bucharest / Romanian Space Agency, Romania
- Ioan BICA - Technical University of Civil Engineering of Bucharest, Romania
- Daniel BUCUR - Iasi University of Life Sciences (IULS), Romania
- Stefano CASADEI - University of Perugia, Italy
- Fulvio CELICO - University of Molise, Italy
- Carmen CIMPEANU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Sorin Mihai CIMPEANU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Maria Jose ORUNA CONCHA - University of Reading, United Kingdom
- Marcel DARJA - University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania
- Andrea DOMINIJANNI - Politecnico di Torino, Dipartimento di Ingegneria Strutturale, Edile e Geotecnica (DISEG), Torino, Italy
- Claudiu DRAGOMIR - University of Agronomic Sciences and Veterinary Medicine of Bucharest/National Institute for Research and Development - URBAN-INCERC, Bucharest, Romania
- Eric DUCLOS-GENDREU - Spot Image, GEO-Information Services, France
- Radu Claudiu FIERASCU - National Institute for Research & Development in Chemistry and Petrochemistry - ICECHIM Bucharest/National University of Science and Technology POLITEHNICA Bucharest, Romania
- Jean-Luc HORNICK - Université de Liège, Belgium
- Catalina ITICESCU - "Dunarea de Jos" University of Galati, Romania
- Bela KOVACS - University of Debrecen, Hungary
- Hossein KAZEMI - Gorgan University of Agricultural Sciences and Natural Resources (GUASNR), Gorgan, Iran
- Raluca MANEA - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Alina ORTAN - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Jovan Br. PAPIC - University "Ss. Cyril and Methodius", Faculty of Civil Engineering, Skopje, Republic of North Macedonia
- Nelson PÉREZ-GUERRA - University of Vigo, Spain
- Nicolae PETRESCU - Valahia University Targoviste, Romania
- Dorin Dumitru PRUNARIU - Romanian Space Agency, Romania
- Andrei Victor SANDU - "Gheorghe Asachi" Technical University of Iasi, Romania
- Umut Gunes SEFERCIK - Gebze Technical University, Turkey
- Ando SHIN - Tokyo University of Science, Japan
- Jesus SIMAL-GANDARA - University of Vigo, Spain
- Marisanna SPERONI - Centro di Ricerca Zootecnia e Acquacoltura, Consiglio per la Ricerca in Agricoltura e L'analisi Dell'economia Agraria (CREA), Italy

- Razvan TEODORESCU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Augustina Sandina TRONAC - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Ana VIRSTA - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Neven VOĆA - University of Zagreb, Croatia

### ORGANIZING COMMITTEE

- Ana VIRSTA
- Mirela Alina SANDU
- Augustina TRONAC
- Veronica IVANESCU
- Mihaela DRAGOI
- Andreea OLTEANU
- Tatiana OLINIC
- Constanta MIHAI
- Florin NEACSU

### VENUE

**University of Agronomic Sciences and Veterinary Medicine of Bucharest  
Faculty of Land Reclamation and Environmental Engineering**

**Adress:** 59 Marasti Blvd, District 1, Zip code 011 464

**E-mail:** agricultureforlife@usamv.ro

**Web:** <http://agricultureforlife.usamv.ro>

**Phone:** +40 788 014 935

# DETAILED PROGRAMME

## SECTION 5–LAND RECLAMATION, EARTH OBSERVATION & SURVEYING, ENVIRONMENTAL ENGINEERING

### Official Opening of the Conference Section

Thursday, 6 June 2024

FIFIM Building,  
2<sup>nd</sup> Floor, Amphitheatre AIII1

14:00–14:15

Opening Remarks:

**Assoc. Prof. Ph.D. Augustina Tronac, Dean -  
Faculty of Land Reclamation and Environmental  
Engineering**

### Plenary Conference Section 5 Session

Thursday, 6 June 2024

14:15-15:15

Moderators:

Assoc. Prof. Ph.D. Augustina Tronac,  
USAMVB  
Assoc. Prof. Ph.D. Ernest Olinic, UTCB

### Plenary Conference Section 5 Presentations



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**14:15-14:35** A view of the Future Education.  
**Octavian Laurentiu Balotă**

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**14:35-14:55** Research trends in using water resources in Central and Eastern Europe. A Corpus-Based Analysis.  
**Alina-Cerasela Aluculesei (Avram)**

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**14:55-15:15** Irrigation - Past, Present and Future. Case study: Numerical modelling MIKE+ RIVERS (MIKE 11) program for calculating the volume of water available from drainage for irrigation.  
**Teodor Eugen Man**

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## ONLINE SESSION

Thursday, 6 June 2024

15:15-16:00

TEAMS link

Mirela Sandu: SECTION 5–LAND  
RECLAMATION, EARTH  
OBSERVATION&SURVEYING, ENVIRON...

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**Transformation model towards energy positive public building.**

*Petar Kisyyov*

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**Analysis of GHG emissions by sectors in city of Vidin.**

*Daniela Kostova-Ivanova*

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**Application of machine learning approaches for land use change modelling in Suriname.**

*Tamara Myslyva, Marciano Dasai, Christiaan Max Huisden, Petro Nadtochiy, Yurii Bilyavskiy*

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16:00–16:30 *Coffee break*

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## SESSION I

Thursday, 6 June 2024

16:30-17:30

Moderators:

Lect. Ph.D. Ira-Adeline Simionov, UGAL  
Prof. Ph.D. Sevastel Mircea, USAMVB

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**Consistency index of soils, corresponding to the state of saturation: an important parameter in anticipating the behavior of cohesive soils.**

*Ernest Daniel Olinic, Tatiana Olinic*

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**Determination of hardening soil model (HSM) parameters from field and laboratory testing.**

*Ioan Boti, Vasile Farcas, Adrian Andronic, Ernest Olinic*

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**Improving productivity on degraded lands using a novel technology of cultivating crops in biodegradable multilayered structures.**

*Florin Nenciu, Eugen Popescu, Lorena-Diana Popa, Gabriel Nae, Andreea Matache*

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**Determining greenhouse gas emissions resulting from energy and water consumption for the decarbonization of corn production and developing strategies to reduce the carbon footprint.**

*Hasan Hüseyin Öztürk, Bülent Ayhan, Serdar Aygün, Ali Gül, Serkan Karabağlı*

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19:00-21:30 *Official Gala Dinner- Cultural Event -*

**CERES Restaurant,  
USAMV Campus**

## SESSION II

Friday, 7 June 2024

Moderators:

09:00-11:00

Lect. Ph.D. Clara – Beatrice Vîlceanu, UPT  
Lect. Ph.D. Octavian Balotă, USAMVB

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**Integrated approach for landfill monitoring using geospatial and earth observation data.**

*Iulia Dana Negula, Cristian Moise, Mihaela Violeta Gheorghe, George Boldeanu*

---

**3D Modeling of the campus of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca using ARCGIS PRO.**

*Iulia Coroian, Diana Ficior, Tudor Sălăgean, Silvia Chiorean, Ioana Delia Pop, Mircea-Emil Nap, Elemer-Emanuel Şuba*

---

**Some aspects regarding the use of remote sensing in the study of soil erosion in agriculture.**

*Gabriel Badescu, Mihail Susinski, Gabriel Tanasie, Cristian Popescu, Emilia Constantinescu, Marin Osiceanu*

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**Environmental assessment of the area with natural CO<sub>2</sub> emissions in Băile Lăzăreşti.**

*Alexandra-Constanţa Dudu, Ana Bianca Pavel, Corina Avram, Irina Catianis, Gabriel Iordache, Florina Rădulescu, Naliana Lupaşcu, Andrei-Gabriel Dragoş, Oana Dobre, Constantin-Ştefan Sava*

---

**Principal component analysis: an appropriate tool for trophic parameters interaction – application in largest Lake in Balkan.**

*Erdona Demiraj, Irena Duka, Ferdi Brahushi, Seit Shallari*

---

**The influence of the lake hypolimnion discharge on the physico-chemical parameters of the river.**

*Lavinia Tataru, Florian Stătescu, Nicolae Marcoie*

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**Phytoremediation of chromium by Bad Birnbach roses in urban areas.**

*Aysen Akay*

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11:00-11:30      *Coffee break*

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## SESSION III

Friday, 7 June 2024

Moderators:

11:30-13:30

Lect. Ph.D. Vereonica Ivănescu, USAMVB

Lect. Ph.D. Ștefan-Mihai Petrea, UGAL

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**New possibilities of using the ash resulting from the energy recovery of poultry litter within the circular economy concept.**

*Luminita Georgeta Popescu, Roxana Gabriela Popa, Lucica Anghelescu, Ramona Cazalbașu, Georgeta Predeanu, Bogdan Stefan Vasile*

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**Recycling of steel furnace slags (SFS) by efficient integration in construction materials as aggregate partial replacement.**

*Cornelia Baeră, Aurelian Gruin, Ana-Cristina Vasile, Bogdan Bolborea, Alexandru Ion, Gabriela Bănăduc*

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**Using expired drugs as environmentally friendly corrosion inhibitors.**

*Claudia Crisan, Horatiu Vermesan*

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**Smart-Eco-Innovative composite materials with self-cleaning capability and enhanced resistance to microorganisms.**

*Adrian-Victor Lazarescu, Andreea Hegyi, Carmen Florean*

---

**Efficacy of the seismic isolating systems for historical buildings under moderate seismic forces.**

*Stefan Florin Balan, Bogdan Felix Apostol, Anton Danet*

---

**Acoustic absorption characteristics that are used in the acoustic design of interiors - comparisons between some classical materials and natural, ecological materials.**

*Marta Cristina Zaharia, Daniela Dobre, Claudiu Sorin Dragomir*

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**Sir Joseph William Bazalgette - the ingenious civil engineer who has changed London.**

*Elena Nistor*

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**Romania towards a green transition: Carbon Border Adjustment Mechanism (CBAM) regulations.**

*Cristiana Sîrbu*

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13:30-14:30

Lunch

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## POSTER PRESENTATIONS SESSION

Friday, 7 June 2024

14:30-16:30

Moderators:

Ph.D. Marta Cristina Zaharia, URBAN-INCERC  
Lect. Ph.D. Tatiana Olinic, USAMVB

### ENVIRONMENTAL SCIENCE AND ENGINEERING

- 1. Evaluation of chemical composition of essential oil and toxic metal accumulation of Lemongrass (*Cymbopogon flexuosus* Stapf.) cultivated on metal-contaminated soils**  
*Violina Angelova*
- 2. Detection and monitoring of hydrocarbon pollution sources in the Petromidia refinery area**  
*Sorin Anghel*
- 3. Research on the use of sludge from the Pitești wastewater treatment plant as fertilizer**  
*Gabriela Biali, Esmeralda Chiorescu, Maria Cătălina Pastia, Denis Țopa, Iuliana Motrescu, Irina Gabriela Cara*
- 4. Obtaining alkali activated inorganic materials by recovery of wastes**  
*Mihaela Caftanachi, Ramona-Elena Tataru Farmus, Maria Harja*
- 5. Testing the influence of erosion on soil chemical indicators**  
*Cosmina Candrea, Marcel Dîrja, Vasile Dodea*
- 6. Composite materials for eco-sustainable constructions**  
*Adrian Alexandru Ciobanu, Aurelia Bradu, Andreea Hegyi*
- 7. Ecological restoration of norway spruce stands affected by drying from outside the natural range**  
*Cristinel Constandache, Ciprian Tudor, Valentina Aga, Laurențiu Popovici*
- 8. An integrative approach for the development of environmental strategy in the climate change context. The perspective of local public authorities' action**  
*Anca Draghici*

9. **The influence of temperature on sound waves**  
*Bogdan Erghelegiu, Mirela Alina Sandu, Daniela Iordan*
10. **Studies regarding the use of poured earth in buildings**  
*Aurelian Gruin, Cornelia Baeră, Sorin Dan, Bogdan Bolborea, Ana Cristina Vasile*
11. **Comparison of methods for antibiotic compounds removal from aqueous solutions**  
*Diana Hanganu, Lidia Favier, Maria Harja*
12. **Advanced recovery of valuable materials from e-waste**  
*Ștefan-Leontin Martinaș-Ioniță, Gabriela Antoaneta Apostolescu, Maria Harja*
13. **Carbon footprint - important driver of climate change generated by the food industry**  
*Adelina Moja, Vasile Padureanu, Mirabela Lupu, Alina Maier, Cristina Canja*
14. **Microflora of the ground air from "hot points" and park areas**  
*Asen Peshev, Bilyana Grigorova-Pesheva, Boyka Malcheva, Georgi Kadinov*
15. **Analytical framework oriented towards environmental triggers in European great cities**  
*Ștefan-Mihai Petrea, Ira-Adeline Simionov, Alina Antache, Aurelia Nica, Maxim Arseni, Adrian Rosu, Dragos Cristea, Catalin Platon, Catalina Iticescu*
16. **A deep-learning based method for waste detection**  
*Dan-Constantin Puchianu*
17. **Waste classification using efficient neural networks and web application**  
*Dan-Constantin Puchianu*
18. **Predicting the future trends of european and national bench-marks in the management of biodegradable municipal waste using artificial neural networks**  
*Eda Puntarić, Lato Pezo, Željka Zgorelec, Jerko Gunjača, Dajana Kučić Grgić, Neven Voća*

19. **Assessing accuracy of low-cost compact system vs. standard air quality systems**  
*Adrian Rosu, Daniel-Eduard Constantin, Mirela Voiculescu, Silvia Drăgan, Maxim Arseni, Stefan-Mihai Petrea, Catalina Iticescu, Lucian Puiu Georgescu*
20. **Studies on the current context of air quality inside earthen buildings**  
*Vasilica Vasile, Cornelia Baeră, Aurelian Gruin, Adrian-Alexandru Ciobanu, Bogdan Bolborea*
21. **Assessing the efficiency of transport infrastructure investments in Romania: a multidimensional approach**  
*Petru Nicolae*
22. **Decarbonizing irrigation systems: innovative technologies for energy efficiency and sustainable water resource management**  
*Petru Nicolae*
23. **Building sustainability: integrating agricultural and industrial sub-products in the building sector**  
*Cristian Petcu, Claudiu Sorin Dragomir, Andreea Hegyi*

## SUSTAINABLE DEVELOPMENT OF RURAL AREA

1. **Urban paradox: an analytical perspective rethinking sustainable land areas**  
*Gabriela Banaduc, Cornelia Baera, Anca Draghici*
2. **Study on the soils of the gorj county and the limiting factors of their quality, in order to improve them**  
*Mihaela Bălan, Cristian Popescu*
3. **Technologies for reducing carbon dioxide emissions in agriculture**  
*Ioan Gaica, Madalina Iordache, Narcis Baghina, Daniel Dorin Dicu, Lucretiu Dancea*
4. **Modernization/rehabilitation of the secondary drainage infrastructure by repositioning existing channels and by assigning the dual role of drainage-irrigation**  
*Marin-Vasile Ilca, Teodor Eugen Man, Robert Beilicci, Anisoara Ienciu, Daniela-Cristina Untaru, Mariana Antonia Pasc*

5. **Experimental research of the innovative atmospheric humidity collection system for use in crop irrigation**  
*Dragoș Manea, Eugen Marin*
6. **Zootechnical waste as raw material for biogas production and as fertilizer for agriculture**  
*Roxana Mitroi, Cristina Ileana Covaliu - Mierlă, Cristina -Emanuela Enășcuță, Grigore Psenovschi*
7. **Researches for the physico-chemical characterization of some granular fertilizers obtained from native wool waste, in order to use them in agriculture**  
*Elena Mihaela Nagy, Teodor Gabriel Fodorean, Dragos Nica, Evelin Anda Laza*
8. **Sustainable development of an rural area in protected territory - a case study from Bulgaria**  
*Slaveya Petrova, Bogdan Nikolov, Dimitar Tokmakov, Slavi Lyubomirov, Rumen Popov, Stanislav Asenov, Iliana Velcheva, Vesela Yancheva, Elenka Georgieva, Stela Stoyanova*
9. **Superior capitalization of vegetable waste and natural agro-industrial by-products by creating innovative products for construction. Socio-economic predictive analyses**  
*Irina Popa, Vasilica Vasile, Silviu Lambrache*
10. **Rice husks and their potential for use in construction**  
*Irina Popa, Cristian Petcu, Adrian Simion, Daniela Stoica, Alina Dima*
11. **Water erosion of soils in the hilly area of Dolj County – assessment, control and mitigation methods**  
*Cristian Popescu, Mihaela Bălan, Marius-Nicolae Cioboată*
12. **Forest debris-based biochar application in composting process to reduce greenhouse gas emissions: a nature based sustainable solution**  
*Rupesh Singh, Henrique Trindade, João Ricardo Sousa*
13. **Evaluating green and blue infrastructure in urban areas in Romania: a methodological approach**  
*Teodora Ungureanu, Andreea Cătălina Popa, Claudiu-Sorin Dragomir*

**14. Industrial wastes used as additives in building materials to reduce environmental pollution**

*Mihai Vrabie, Nicolae Apostolescu, Maria Harja*

**DISASTER MANAGEMENT**

**1. Influence of extreme weather phenomena on the management of deciduous forests**

*Ghita Cristian Crainic, Flavius Irimie, Flavia Irimie (Cioflan), Sorin Lucian Dorog, Călin Ioan Iovan, Eugenia Șerban*

**2. The evolution of the dynamic characteristics of the soil-structure system in case of a university building seismic monitoring**

*Daniela Dobre, Claudiu-Sorin Dragomir, Cornelia-Florentina Dobrescu, Iolanda-Gabriela Craifaleanu, Emil-Sever Georgescu, Marta-Cristina Zaharia*

**3. The effect of urbanization on climate change, the vulnerability of urban areas to climate change and their cumulative impact on stormwater**

*Madalina Ene, Ioan Bica*

**4. Modeling the structural behavior of a CNC bearing member subjected to static and dynamic loads**

*Nicoleta-Adaciza Ionescu, Daniela Dobre, Claudiu-Sorin Dragomir*

**5. Conceptual analysis on disaster resilience in the climate vulnerable community context**

*Aurelia Nica, Ira-Adeline Simionov, Alina Antache, Catalina Iticescu, Stefan-Mihai Petrea, Catalin Platon, Victor Cristea*

**6. The challenges of implementing the green-blue infrastructure in the metropolitan areas of the big cities in Romania**

*Valentin Tache, Adrian Simion, Oana-Catalina Popescu*

## WATER RESOURCES MANAGEMENT

- 1. Temporal variation and relationship between hydrological parameters and water pollutants on the lower Danube, Romania**  
*Maxim Arseni, Valentina-Andreea Calmuc, Madalina Calmuc, Stefan-Mihai Petrea, Adrian Rosu, Eugen Busila, Catalina Iticescu, Puiu Lucian Georgescu*
- 2. Evaluation of microbial and chemical indicators as a measure of the degree of potability of water**  
*Aurica Breica Borozan, Sorina Popescu, Delia Gabriela Dumbravă, Diana-Nicoleta Raba, Mirela Viorica Popa, Corina Dana Mișcă, Carmen Daniela Petcu, Despina Maria Bordean, Camelia Moldovan*
- 3. Physiological and biochemical responses of two varieties of durum wheat under water stress combined with waste sludge amendment**  
*Sonia Boudjabi, Haroun Chenchouni, Aya Debab, Amna Brahimi, Asma Metrouh*
- 4. Assessment of the surface water quality data collected seasonally at the Danube river bifurcations (Ceatal Izmail and Ceatal Sf. Gheorghe)**  
*Irina Catianis, Adriana Maria Constantinescu, Dumitru Grosu, Gabriel Iordache, Florin Duțu, Ana-Bianca Pavel*
- 5. Stimulation of riverbank soil erosion rate, a case study**  
*Mihai Teopent Corcheș*
- 6. Principal component analysis: an appropriate tool for trophic parameters interaction — application in largest lake in Balkan**  
*Erđona Demiraj, Irena Duka, Ferdi Brahushi, Seit Shallari*
- 7. Assessment of physico chemical and bacteriological quality of well water used for drinking and domestic purposes in an industrial area of Elbasan district, Albania**  
*Ariola Devolli, Edlira Shahinasi, Enkeleida Sallaku, Marilda Osmani, Belinda Hoxha, Frederik Dara*
- 8. Using hydrographic surveys in the study of water bodies depths**  
*Levente Dimen, Silvia Alexandra Dregħici, Tudor Borșan*

9. **Assessment of the sediment (dis)connectivity in a deltaic system, Danube Delta, Romania**  
*Florin Duțu, Bogdan-Adrian Ispas, Irina Catianis, Ana-Bianca Pavel, Laura Duțu*
10. **Impact of physico chemical parameters on zooplankton and biocoenological analyzes on zooplankton of mandra reservoir, in southeastern Bulgaria**  
*Eleonora Fikovska, Dimitar Kozuharov*
11. **Modern protection solutions against coastal erosion**  
*Iulian Iancu, Alexandru Dimache, Oana-Stefania Bucur, Daniel Cornea*
12. **Analysis of some parameters of the hydrographic basins in the forest fund**  
*Calin Ioan Iovan, Nicu Cornel Sabău, Lucian Sorin Dorog, Florin Covaci, Agneta Rodica Iovan, Ghiță Cristian Crainic*
13. **Irrigation changes in the Maritsa River basin: a case study from the Plovdiv region**  
*Krasya Kolcheva*
14. **Total reflection X-ray spectrometry (TXRF) for chemical elements assessment in mussels**  
*Nina-Nicoleta Lazar, Madalina Calmuc, Ira-Adeline Simionov, Mihaela Timofti, Puiu Lucian Georgescu, Catalina Iticescu, Catalin Platon*
15. **Sustainable management of water resources**  
*Aurelia Nica, Stefan-Mihai Petrea, Ira-Adeline Simionov, Alina Antache, Catalina Iticescu, Catalin Platon, Victor Cristea*
16. **Drip irrigation efficiency in soybean cultivation in southeast Romania, a sustainable approach to water management**  
*Oana Alina Nițu, Ionuț Ovidiu Jerca, Mihaela Bălan*
17. **Biodiversity and ecological assessment of the Chepelarska River, Bulgaria**  
*Georgi Patronov, Diana Kirin*
18. **Variations of physico-chemical parameters in Sulina Branch and adjacent meanders during two seasons in 2023**  
*Ana Bianca Pavel, Florin Dutu, Gabriel Iordache, Catalina Gavrila, Irina Catianis, Laura Dutu*

19. **Enabling soft sensors for water quality monitoring in multi-trophic aquaculture systems**  
*Stefan-Mihai Petrea, Ira-Adeline Simionov, Alina Antache, Aurelia Nica, Madalina Calmuc, Valentina Calmuc, Dragos Cristea, Catalin Platon, Puiu Lucian Georgescu*
20. **Virtual sensor for ammonia estimation in aquaculture technological water from Cambodia**  
*Ira-Adeline Simionov, Lin Kong, Samnang Pel, Catalin Planton, Domenico Caruso, Jacques Slembrouck, Stefan-Mihai Petrea*
21. **Aspects related to the estimation of the flood limits with the use of a UAV in order to hydraulically design the water management works**  
*Alexandru Sintu-Lăsat*
22. **Sustainable approach of nutrient film technology based on efficient water and energy use - intermediate results**  
*Augustina Tronac, Dragoș Drăcea, Sebastian Mustață, Oana Alina Nițu*
23. **Advance hydraulic modelling for irrigation systems, case study SPP15 irrigation plot Hotărani - Romania**  
*Daniela-Cristina Untaru, Teodor-Eugen Man, Robert Beilicci, Mircea Visescu, Erika Beilicci, Antonia-Mariana Pasc*
24. **Drought monitoring in southeastern Romania based on the comparison and correlation of SPEI and SPI indices**  
*Sara Venturi, Elena Mateescu, Ana Virsta, Nicolae Petrescu, Daniel Dunea, Stefano Casadei*

## POLLUTION CONTROL, LAND PLANNING

1. **Silphium Perfoliatum a promising energy crop for phytoremediation of heavy metal contaminated soils**  
*Violina Angelova*
2. **Green-synthesized ZnO NPs as sustainable photocatalysts for the degradation of Acetaminophen**  
*Alexandra Corina Costandache, Leon Dumitru Covaliu, Anca Andreea Șăulean, Cristina Ileana Covaliu-Mierla, Ecaterina Matei, Razvan Teodorescu, Valerica Tudor*



3. **Ecological treatment of wastewater containing a cationic surfactant pollutant**  
*Leon Dumitru Covaliu, Iuliana Paun, Vasile Ion Iancu, Ecaterina Matei, Razvan Teodorescu, Valerica Tudor, Gigel Paraschiv, Cristina Ileana Covaliu-Mierla*
4. **Environment contamination with petroleum hydrocarbons**  
*Cristian Mugurel Iorga, Puiu Lucian Georgescu, Mihaela Marilena Stancu*
5. **Soil and sludge samples chemical properties and vegetation mineral composition monitorization on the Iași sewage treatment-plant ponds precinct (Tomești)**  
*Mihaela Lungu, Radu Lăcătușu, Andrei Vrînceanu, Rodica Lazăr, Ilie Calciu*
6. **Waste classification using vision transformers**  
*Dan-Constantin Puchianu*
7. **Impact assessment regarding pollution with nutrients of water resources due to the use of fertilizers with microbial biomass**  
*Nicoleta Radu, Iuliana Raut, Mariana Constantin, Mihaela Begea, Anca Daniela Raiciu*
8. **Good practices for reducing land pollution in the area of swine farms with liquid manure**  
*Mihaela Alexandra Rotaru, Loredana Văduva, Olimpia Alina Iordănescu, Ioan Petroman*
9. **Comparative analysis on air pollution level of Bucharest urban area during the Covid-19 pandemic**  
*Vasilica Vasile, Cristian Petcu, Alina Dima, Mihaela Ion*
10. **Soil heavy metals content variation depending on the distance from pollution source and uptake by the *Trifolium pratense* L. species harvested from Copșa Mică area, central Romania.**  
*Bogdan Ștefan Oprea, Nicoleta Olimpia Vrînceanu, Vera Carabulea, Dumitru-Marian Motelică, Mihaela Costea, Georgiana Iuliana Plopeanu*

**EARTH OBSERVATION AND GEOGRAPHIC INFORMATION SYSTEMS  
&  
TOPOGRAPHY AND CADASTRE**

1. **Relationships between Spectral Vegetation Indices (SVIS) and growth stages in a table grape vineyard**  
*Zhulieta Arnaudova, Boyan Stalev*
2. **Determination of lai at different growth stages of pepper plants grown in field**  
*Zhulieta Arnaudova, Dimka Haytova*
3. **Past and future - a perspective of the evolution of Ineu`s forests**  
*Marinela Bodog, Alexandru Racz, Nicu Cornel Sabău*
4. **GIS methods for estimating soil erosion and its impact on the environment. Case study: Crişul Alb hydrographic basin**  
*Loredana Copăcean, Eugen Teodor Man, Sorin Herban, Luminiţa Cojocariu, Cosmin Popescu*
5. **Analysis of Landsat and Sentinel satellite images for Roşia Poieni quarry and Valea Şesii decantation pond**  
*Sorin Herban, Clara-Beatrice Vilceanu, Andrei Crişan, Livia Nistor-Lopatenco*
6. **Exploring the Cosmos: a Web-Based Application for pollution, constellation and moon phase recognition**  
*Mihai Maftai, Iuliana Marin*
7. **Remote assessment of the fraction of absorbed photosynthetically active radiation (fAPAR) for mountain grasslands**  
*Margareta Magureanu, Loredana Copăcean, Despina-Maria Bordean, Luminita Cojocariu*
8. **The effect of the altitude gradient on the vegetation of the grasslands in the Poiana Ruscă mountains, based on NDVI**  
*Monica Sfircoeci, Loredana Copăcean, Luminiţa Cojocariu*

9. **Aspects regarding the use of GNSS methods, in the cadastre of pasture and forestry Lands in Bistrita-Nasaud county**  
*Gabriel Badescu, Mihail Susinski, Emilia Constantinescu, Cristian Vasile, Petre Savescu, Gabriel Tanasie*
10. **Exploring the top 5 drones for land measurements: a review**  
*Alexandru Călin*
11. **Issues related to the implementation of geomatic applications in the national forestry fund**  
*Ghiță Cristian Crainic*
12. **The use of geomatics techniques in the improvement of a sports complex**  
*Cornel Cristian Teresneu*

#### MISCELLANEOUS

1. **Reducing the environmental impact by using a sustainable protein source in fish diet - insect meal. A review**  
*Alina Antache, Ira-Adeline Simionov, Stefan-Mihai Petrea, Aurelia Nica, Catalina Iticescu, Puiu-Lucian Georgescu, Cătălin Platon, Alin-Stelian Ciobîcă*
2. **Trends in "Fetească Regală" grapes yield and sugar content in site specific climate**  
*Octav Cismașu, Ioan Oroian, Marcel Dîrja, Cristian Iederan, Antonia Odagiu*
3. **Traditional Romanian culinary practices and their historical and cultural significance**  
*Carlo Marius Dragomir, Simona-Maria Ilie, Mariana-Atena Poiana, Corina Dana Misca, Ileana Cocan, Delia-Gabriela Dumbravă, Camelia Moldovan, Viorica-Mirela Popa, Carmen Daniela Petcu, Claudia Roman, Diana-Nicoleta Raba*
4. **A refinement of the second criteria of comparison for the convergence of series or improper integrals**  
*Cosmin-Constantin Nițu*
5. **The influence of technology on culture in the production of lettuce in the nutrient film technique system: a review**

*Oana Alina Nițu, Emanuela Jerca, Elena Ștefania Ivan, Marinela Gheorghe*

**6. Exploring the use of web applications and neural networks for car parking services**

*Dan-Constantin Puchianu*

**7. Phytochemical profile of Lemon Basil grown in aquaponic culture**

*Irina Tomasu, Simona Marcu Spinu, Mihaela Dragoi Cudalbeanu, Constanta Mihai, Petronela Rosu, Raluca Pascu, Alina Ortan*

**8. Optimisation of culture media factors for active wine yeast biomass production**

*Iuliana Diana Bărbulescu, Raluca Ștefania Rădoi-Encea, Corina Dumitrache, Mihaela Violeta Ghica, Mihai Frîncu, Mihaela Begea, Valerica Tudor, Elena-Mirela Boroiu, Răzvan Ionuț Teodorescu*

**Final Discussions and Conclusions**





## Section 6

# **BIOTECHNOLOGY**

## SCIENTIFIC BOARD – SECTION 6: BIOTECHNOLOGY

- Veronika ABRAM - Biotechnical Faculty, University of Ljubljana, Slovenia
- Narcisa BĂBEANU - Faculty of Biotechnology, USAMV of Bucharest, Romania
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- Medana ZAMFIR - Institute of Biology, Romanian Academy, Romania
- Chin-Kun WANG - Chung Shan Medical University, Taiwan

## **ORGANIZING COMMITTEE – SECTION 6: BIOTECHNOLOGY**

Section president: Professor PhD. Călina Petruța CORNEA

Section coordinator: Professor PhD. Florentina MATEI

Members:

- Professor PhD. Florentina ISRAEL-ROMING
- Lecturer PhD. Elisabeta Elena POPA
- Associate Professor PhD. Radu Cristian TOMA
- Lecturer PhD. Gabriela MĂRGĂRIT
- Lecturer PhD. Diana GROPOȘILĂ-CONSTANTINESCU
- Lecturer PhD. Mihaela GEICU-CRISTEA
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## **DETAILED PROGRAMME**

### **SECTION 6: BIOTECHNOLOGY**

**Thursday, 6<sup>th</sup> June, 2024**

<b>08:00 – 09:00</b>	<b>Registration of participants</b>
<b>09:00 – 09:30</b>	<b>OPENING &amp; WELCOME</b>
<b>09:30 – 10:30</b>	<b>PLENARY SESSION I</b>
<b>10:30 – 11:00</b>	<b>Coffee Break/Press Conference</b>
<b>11:00 – 13:00</b>	<b>PLENARY SESSION II</b>
<b>13:00 – 14:00</b>	<b>Lunch &amp; Networking Activities</b>
<b>14:00 – 17:00</b>	<b>Poster display</b>
<b>19:00 – 21:30</b>	<b>Official Gala Dinner</b>

Friday, 7<sup>th</sup> June, 2024

SESSION I  
ORAL PRESENTATIONS

*Chairperson:* Prof. PhD. Florentina ISRAEL-ROMING

*Moderator:* Prof. PhD. Amalia Carmen MITELUȚ

*Faculty of Biotechnology, Aula Magna "Prof. dr. Gheorghe Câmpeanu" - First Floor*

08:00 – 08:50	<i>Arrival and Registration of Participants</i>	<i>Faculty of Biotechnology, Aula Magna "Prof. dr. Gheorghe Câmpeanu" - First Floor</i>
08:50 – 09:00	<i>Conference Section Opening</i>	

Time	Authors	Paper Title
09:00 – 09:30	<b>Gabriela Nicoleta TENEA</b>	Blocking microbe colonization in avocado ( <i>Persea nubigena</i> var. <i>guatemalensis</i> ) exocarp through postbiotics treatment
09:30 – 10:00	<b>Oscar VICENTE</b> , Monica BOSCAIU, Sara GONZÁLEZ-ORENGA	Halophytes: tools for reclaiming salinised agricultural land
10:00 – 10:15	<b>Eleonora CALZONI</b> , Ciro TOLISANO, Agnese BERTOLDI, Nicolò MONTEGIOVE, Alessio CESARETTI, Dario PRIOLO, Daniele DEL BUONO, Carla EMILIANI	Production of protein hydrolysates with biostimulant activity from olive supply chain waste
10:15 – 10:30	<b>Natalia CERYOVA</b> , Judita LIDIKOVÁ, Monika ŇORBOVÁ, Silvia FEDORKOVÁ, Alena VOLLMANNOVÁ, Janette MUSILOVÁ, Luboš HARANGOZO	Heavy metal contamination in soil and its accumulation in home grown tomato ( <i>Solanum lycopersicum</i> L.) fruits
10:30 – 10:45	<b>Katerina PIKULI</b> , Ariola DEVOLLI	Total phenolic content and antioxidant activity evaluation of olive mill pomace extract
10:45 – 11:15	<b>Coffee break / Viewing posters and discussions</b>	<b>Faculty of Biotechnology, First Floor, Main Hall</b>

## SESSION II ORAL PRESENTATIONS

**Chairperson: Prof. PhD. Florentina ISRAEL - ROMING**

**Moderator: Prof. PhD. Amalia Carmen MITELUȚ**

*Faculty of Biotechnology, Aula Magna "Prof. dr. Gheorghe Câmpeanu" - First Floor*

Time	Authors	Paper Title
11:15 – 11:30	<b>Ioannis Ilie KARPATHEAKIS</b> , Călina Petruța CORNEA	Comparative analysis of brazzein production in <i>in vivo</i> and <i>in vitro</i> systems
11:30 – 11:45	Asawir Esamaldeen Ebrahim MOHAMED, <b>Oana-Alina BOIU-SICUIA</b> , Călina Petruța CORNEA	Toxicogenic <i>Aspergillus</i> contaminants in sudanese poultry feed and potential biocontrol strategy
11:45 – 12:00	Quthama AL-ZAIDI, Adelina Georgiana MATAACHE, <b>Laura-Dorina DINU</b> , Eleonora CALZONI, Florentina MATEI	Development of the lactic acid permeabilizer V-QPCR technique for <i>Salmonella</i> spp., detection and quantification
12:00 – 12:15	<b>Claudia DÎRLĂ</b> , Maria Rodica GURĂU, Fănel OȚELEA, Nicoleta DRĂGUȚ, Georgeta ȘTEFAN, Marius Andrei MĂNESCU, Doina DANEȘ	DNA extraction from standard ASF - a comparison study using two commercial kits for diagnosis of ASF infection
12:15 – 12:30	<b>Florentina MATEI</b>	Green practices in Biotechnological teaching and learning environment
12:30 – 12:40	<b>Conclusions and Closing ceremony</b>	
12:40 – 14:00	<b>Lunch</b>	<b>Faculty of Biotechnology, First Floor, Main Hall</b>
14:00 – 15:30	<b>Workshop "Promoting the EHEDG concept in Romania for improving of food safety"</b>	
15:30 – 17:00	<b>Workshop "Food safety and trends in global legislative harmonization"</b>	
17:00 – 17:30	<b>Coffee break</b>	

## POSTER SESSION

Time: 09:00 – 12:30

Faculty of Biotechnology, First Floor, Main Hall

**Session Moderators:** Prof. PhD. Florentina MATEI  
Lecturer PhD. Elisabeta Elena POPA

Paper ID	Authors	Paper Title
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### I. AGRICULTURAL BIOTECHNOLOGY

- |        |  |   |
|--------|--|---|
| P.I.1. | Gabriela POPA, Matilda CIUCA,<br>Alexandru DUMITRU | Studies on some bioactive compounds from colored wheat  |
| P.I.2. | Larysa KOLDAR                                      | Development of effective methods for <i>in vitro</i> propagation and conservation of the endemic species <i>Moehringia hypanica</i> Grynj et Klokov |
| P.I.3. | Valentina STOIAN,<br>Amalia-Carmen MITELUȚ         | Trends on the research regarding increasing of resistance in common bean ( <i>Phaseolus vulgaris</i> L.) cultivars                                  |

### II. FOOD BIOTECHNOLOGY

- |         |   |   |
|---------|---|---|
| P.II.1. | Silvia FEDORKOVÁ,<br>Janette MUSILOVÁ,<br>Monika ŇORBOVÁ,<br>Alena VOLLMANNOVÁ,<br>Natália ČERYOVÁ, Judita LIDIKOVÁ | Impact of heat treatments on the antioxidant activity and total phenolic content of sweet chestnuts ( <i>Castanea sativa</i> Mill.)     |
| P.II.2. | Monika ŇORBOVÁ,<br>Alena VOLLMANNOVÁ,<br>Silvia FEDORKOVÁ,<br>Janette MUSILOVÁ,<br>Natália ČERYOVÁ, Judita LIDIKOVÁ | The effect of thermal processing on antioxidant activity and total polyphenols in Jerusalem artichoke ( <i>Helianthus tuberosus</i> L.) |
| P.II.3. | Adina NICHITA,<br>Mona Elena POPA   | Valorization of vegetal by-products in new matrices for the improved food sustainability systems  |

Paper ID	Authors	Paper Title
P.II.4.	Mariana FERDES, Mirela Nicoleta DINCĂ, Mariana IONESCU, Elena Mădălina ȘTEFAN, Alina Daiana IONESCU, Mariana Gabriela MUNTEANU	Submerged cultivation of some species of edible basidiomycetes for the simultaneous biosynthesis of biomass and laccase enzyme
P.II.5.	Izabela ACATRINEI, Amalia Carmen MITELUȚ	Nutritional composition of bee products and current trends on their processing
P.II.6.	Carmen Mihaela TOPALA, Sorin Ionut PRITA, Loredana Elena VIJAN	Quality evaluation of some commercial honey samples
P.II.7.	Viorica Maria CORBU, Ana-Maria GEORGESCU, Irina GHEORGHE-BARBU, Ortansa CSUTAK	Antifungal activity of microbial strains isolated from Romanian spontaneously fermented dairy products
P.II.8.	Natalia VLADEI, Ecaterina COVACI, Alexandra ARSENI, Valeria DAMASCHIN	Assessment of grapes indigenous microbiome from 'Ștefan Vodă' protected geographical indication
P.II.9.	Georgiana CERCHEZAN, Florentina ISRAEL-ROMING	Correlation of the chemical parameters with the sensorial properties of wine
P.II.10.	Adina NICHITA, Mona Elena POPA	The challenges and alternatives of food sustainability: meat analogues & cultured meat
P.II.11.	Mihaela VILCU, Elisabeta Elena POPA, Mona Elena POPA	Food contaminants incidence on cereal value chain, a minireview
P.II.12.	Georgiana-Gabriela IORDACHE, Narcisa - Elena BĂBEANU	The potential of <i>Candida lipolytica</i> ICCF 214 (ATCC 16618) to produce biosurfactans
P.II.13.	Hanna Maria BARANOWSKA, Krzysztof SMARZYŃSKI, Wojciech CICHOCKI, Paweł JEŻOWSKI, Przemysław Łukasz KOWALCZEWSKI	Innovative, high-value plant-based analogues of hot dog sausages: analysis of rheological and textural properties and proton molecular dynamics

Paper ID	Authors	Paper Title
P.II.14.	Przemysław Łukasz KOWALCZEWSKI, Krzysztof SMARZYŃSKI, Wojciech CICHOCKI, Martyna Natalia WIECZOREK, Aneta TOMCZAK, Anna OLEJNIK, Millena RUSZKOWSKA, Małgorzata GUMIENNA, Barbara GÓRNA, Joanna ZEMBRZUSKA, Hanna Maria BARANOWSKA	Nutritional value and biological activity of a plant-based burger analogue: <i>in vitro</i> study before and after the digestion process
P.II.15.	Alina DOBRE, Elena Mirela CUCU	Evaluation of sourdoughs prepared in different conditions using spontaneous fermentation technique
P.II.16.	Zayde AYVAZ, Hasan Hüseyin ATAR	Innovative technologies for reducing food loss in the seafood industry
P.II.17.	Mihaela MULȚESCU, Iulia-Elena SUSMAN, Alina CULEȚU, Medana ZAMFIR, Angel MARTÍNEZ SANMARTIN, Florentina ISRAEL-ROMING	The influence of starter cultures of lactic acid bacteria on fermentation of white cabbage

### III. MEDICAL AND PHARMACEUTICAL BIOTECHNOLOGY

P.III.1.	Elena MIHAI, Alexandra GASPAR-PINTILIESCU, Laura Mihaela STEFAN, Rodica TATIA, Viorica COROIU, Oana CRACIUNESCU	Antioxidant and antiproliferative activity of small peptides isolated from marine algae by green methods
P.III.2.	Dănuț-Mihai PETRE, Monica ENACHE	Microscopic characteristics of rhizomes of <i>Curcuma longa</i> and <i>Zingiber officinale</i> (Zingiberaceae) - a selection of light microscopy images
P.III.3.	Gaia CUSUMANO, Agnese BERTOLDI, Giada CERROTTI, Eleonora CALZONI, Lorena URBANELLI, Paola ANGELINI, Carla EMILIANI	Purification and characterization of extracellular vesicles from the edible mushroom <i>Pleurotus eryngii</i>

Paper ID	Authors	Paper Title
P.III.4.	Agnese BERTOLDI, Eleonora CALZONI, Gaia CUSUMANO, Lorena URBANELLI, Carla EMILIANI	Plant derived extracellular vesicles with anti-inflammatory and antioxidant activity from <i>Capparis spinosa</i> and <i>Rosa canina</i>

#### IV. ENVIRONMENTAL BIOTECHNOLOGY

P.IV.1.	Roxana Mădălina STOICA, Mișu MOSCOVICI, Cristina BĂZDOACĂ, Elena Simina LAKATOS, Lucian Ionel CIOCA	Biosurfactant production by <i>Pseudomonas fluorescens</i> strain
P.IV.2.	Laura FEODOROV, Mihai NITA-LAZAR, Călina Petruța CORNEA	Exploring current frontiers of environmental challenges by bioindicators and biomarkers
P.IV.3.	Georgiana-Gabriela IORDACHE, Narcisa-Elena BĂBEANU	Classification and industrial applications of biosurfactants – minireview
P.IV.4.	Mirela-Nicoleta DINCĂ, Mariana FERDEȘ, Gigel PARASCHIV, Bianca-Ștefania ZĂBAVĂ, Georgiana MOICEANU	Isolation of microorganisms to enhance the digestibility of organic substrate for biogas production
P.IV.5.	Cristina FIRINCĂ, Mariana CONSTANTIN, Iuliana RĂUT, Lucian-Gabriel ZAMFIR, Ana-Maria GURBAN, Mihaela DONI, Gelu VASILESCU, Luiza JECU, Tatiana Eugenia ȘESAN	Insight into the heavy metal resistance of microorganisms
P.IV.6.	Cristina FIRINCĂ, Mariana CONSTANTIN, Iuliana RĂUT, Raluca BUNGHEZ, Ana-Maria GURBAN, Mihaela DONI, Lucian-Gabriel ZAMFIR, Elvira ALEXANDRESCU, Gelu VASILESCU, Luiza JECU	Extracellular biosynthesis of bactericidal silver nanoparticles by fungal strains

Paper ID	Authors	Paper Title
P.IV.7.	Alexandru Cristian GROSU, Hermann Coulibaly WAHAUWOUÉLE, Camelia Filofteia DIGUȚĂ, Diana BARBULESCU, Florentina MATEI	The biotechnological potential uses of <i>Vitis vinifera</i> seed wastes
P.IV.8.	Olga POSTOLACHI, Inna RASTIMESINA, Vera MAMALIGA	Lipolytic and cutinolytic activity of microorganisms isolated from polyethylene surface

## V. MISCELLANEOUS

P.V.1.	Oana GHERGHESCU, Angela CĂȘĂRICĂ, Mișu MOSCOVICI, Florentina ISRAEL-ROMING	Screening of microbial strains able to produce extracellular lipases
P.V.2.	Magdalena ROSU, Despina-Maria BORDEAN, Adina BERBECEA, Isidora RADULOV, Ionela HOTEA, Gabriela PREDA, Monica DRAGOMIRESCU	Horseradish, a reservoir of useful bioactive compounds







## Section 7

# **MANAGEMENT AND ECONOMICS OF RURAL AREAS**

## SCIENTIFIC COMMITTEE OF THE SECTION 7 - MANAGEMENT AND ECONOMICS OF RURAL AREAS

- Ioan Niculae ALECU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Cecilia ALEXANDRI - Institute of Agricultural Economics, Romanian Academy, Bucharest, Romania
- Patrick ANGEL - US Department of the Interior, Office of Surface Mining Appalachian Regional Office, United States of America
- Silviu BECIU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Diego BEGALLI - University of Verona, Italy
- Ioan BRAD - University of Life Sciences "King Mihai I" from Timisoara, Romania
- Stejărel BREZULEANU - "Ion Ionescu de la Brad" University of Life Sciences of Iași, Romania
- Philippe BURNY - University of Liège, Belgium
- Daniela CREȚU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Romeo Cătălin CREȚU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Drago CVIJANOVIC - Institute of Agricultural Economics, Belgrade, Serbia
- Christopher Ogbonna EMEROLE - Abia State University, Nigeria
- Toma Adrian DINU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Vecdi DEMIRCAN - Isparta University of Applied Sciences, Turkiye
- Mariana DOGA-MÎRZAC - Moldova State University, Republic of Moldova
- Ion DONA - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Manea DRĂGHICI - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Gina FÎNTÎNERU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Tarek FOUDA - Tanta University, Egypt
- Paolo GAJO - University of Florence, Italy
- Vasile GOSA - University of Life Sciences "King Mihai I" from Timișoara, Romania
- Mevlüt GÜL - Isparta University of Applied Sciences, Turkiye
- Mamdouh Abbas HELMY - Modern University for Technology and Information, Cairo, Egypt
- Adelaida Cristina HONȚUȘ - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Tiberiu IANCU - University of Life Sciences "King Mihai I" from Timisoara, Romania
- Philippe LEBAILLY - University of Liege, Belgium
- Mogens LUND - Institute of Food and Resource Economics, Denmark
- Ove MADSEN - Grindsted Agricultural Academy, Denmark
- Stefan MANN - Research Station Agroscope, Tänikon, Switzerland
- Nicoleta MATEOC-SÎRB - University of Life Sciences "King Mihai I" from Timișoara, Romania
- Alistair McCracken - Applied Institute for Plant Protection, United Kingdom
- Marius Mihai MICU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Miguel Moreno MILLAN - University of Cordoba, Spain
- Gerhard MOITZI-BOKU - University of Natural Resources and Applied Life Sciences Vienna, Austria
- Pavel MOVILEANU - State Agrarian University of Moldova, Republic of Moldova

- Veronica MOVILEANU - State Agrarian University of Moldova, Republic of Moldova
- Gheorghe MUREȘAN - University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania
- Pascal Anton OLTENACU - Oklahoma State University, United States of America
- Zuzana PALKOVA - Slovak University of Agriculture, Slovakia
- Radu Lucian PÂNZARU - University of Craiova, Romania
- Agatha POPESCU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Veronica PRISĂCARU - State Agrarian University of Moldova, Republic of Moldova
- Nebojsa RALEVIC - University of Belgrade, Serbia
- Narayanan RANGESAN - University of Nevada, Reno, United States of America
- Svend RASMUSSEN - University of Copenhagen, Denmark
- Rashid SAEED - International Islamic University, Pakistan
- Dragoș SMEDESCU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Gavrilă ȘTEFAN - “Ion Ionescu de la Brad” University of Life Sciences of Iasi, Romania
- Elena ȘTOIAN - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Jonel SUBIC - Institute of Agricultural Economics, Serbia
- Cristiana TINDECHE - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Elena TOMA (DIACONU) - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Valentina TUDOR - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Adrian TUREK-RAHOVEANU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania

## **MANAGEMENT AND ECONOMICS OF RURAL AREAS ORGANIZING COMMITTEE**

- |                       |                    |
|-----------------------|--------------------|
| • Marius MICU         | • Carina DOBRE     |
| • Dragoș SMEDESCU     | • Adina IORGA      |
| • Valentina TUDOR     | • Elena SOARE      |
| • Liviu MĂRCUȚĂ       | • Aurelia BĂLAN    |
| • Toma Adrian DINU    | • Iulia ZAHARIA    |
| • Cristiana TINDECHE  | • Raluca RĂDOI     |
| • Elena ȘTOIAN        | • Valentin ȘERBAN  |
| • Alexandru FÎNTÎNERU | • Cosmina SMEDESCU |
| • Alina MĂRCUȚĂ       | • Denisa FULGEANU  |
| • Cristina BUZATU     | • Eugenia ALECU    |
| • Irina CHIURCIU      | • Andreea FIRĂȚOIU |

## DETAILED PROGRAM

### SECTION 7 – MANAGEMENT AND ECONOMICS OF RURAL AREAS

**Venue:**

University of Agronomic Sciences and Veterinary Medicine of Bucharest  
Faculty of Management and Rural Development

**Section Chairman:**

*Assoc. prof. Marius Mihai MICU*

Dean - Faculty of Management and Rural Development

### Day 1 – Thursday, June 6, 2024

FMDR Building, 1<sup>st</sup> Floor, Amphitheatre P33

*Session Chairman: Assoc. prof. Marius Mihai MICU*

*Moderator: Assoc. prof. Dragoş SMEDESCU*

Time	Activity	Presenter(s)
14:00	<i>Welcome and Conference Section Opening</i>	Marius Mihai MICU
14:10	<i>Keynote speech</i>	
	CULTIVATING A SUSTAINABLE FUTURE: OPTIMIZING AGRICULTURAL VALUE CHAINS ACROSS INTERNATIONAL, EUROPEAN AND ROMANIAN LANDSCAPES	Sorin IONITESCU
14:30	<i>Oral Presentations</i>	
	CONCURRENCY AND DISTRIBUTION IN ECONOMIC MARKETS: MODEL DESCRIPTION	Victor-Dumitrel TITA Nicolae BOLD Daniel NIJLOVEANU Doru Anastasiu POPESCU Mirela-Georgiana MATEI Claudia-Ionela TRUSCA

INSIGHTS OF ROMANIAN WINE PRODUCERS' BUSINESS AND THEIR INVOLVEMENT IN WINE TOURISM	Andra Elena GURGU Gina FINTINERU
ANALYSIS OF THE CAUSES OF CAMEROON'S PERMANENT DEPENDENCE ON RICE IMPORTS	Mbondji BERTRAND Fon Dorothy ENGWALI
TOWARDS SUSTAINABLE AGRICULTURE: ASSESSING THE ECONOMIC IMPACT OF ORGANIC FARMS IN MOLDOVA'S AGRICULTURAL SECTOR	Liliana CIMPOIES Diana COSALIC
CHALLENGES OF THE CONSUMPTION BEHAVIOUR TOWARDS THE ECO-FOOD PRODUCTS. A STUDY ON THE SUSTAINABLE HUMAN NEEDS	Mioara MIHAILA Ciprian Ionel ALECU Andy Felix JITAREANU
DEVELOPING A MODEL BASED ON A STATISTICAL ANALYSIS OF FOOD LOSS AND WASTE PATTERNS	Daniel NIJLOVEANU Victor-Dumitrel TITA Nicolae BOLD Toma Adrian DINU Gina FINTINERU Dragos SMEDESCU Adrian George PETICILA Cosmina Andreea SMEDESCU Alexandru FINTINERU Costel MIHALASCU Marian STOIAN
ANALYSIS OF THE AGRICULTURAL LABOUR FORCE IN TERMS OF THE AREA CULTIVATED WITH THE MAIN CROPS IN ROMANIA, DURING THE PERIOD 2018-2022	Cătălina-Nicoleta COMAN Răzvan PANAIT Cristiana Silvia BUZATU Cosmina Andreea SMEDESCU Nicoleta Florica PATRACHIOIU Valentina - Constanta TUDOR
ONLINE LEARNING TECHNOLOGIES AND SUSTAINABLE RURAL DEVELOPMENT: AN EUROPEAN PERSPECTIVE	Marian STAN Mihai CIOBOTEA
EFFECTS OF LAND CONSOLIDATION ON AGRICULTURAL ENTERPRISES IN ÇIHANBEYLİ DISTRICT, TÜRKIYE: AN EVALUATION FROM THE PRODUCER PERSPECTIVE	Şinasi AKDEMİR Ufuk GÜLTEKİN Kasım Eren TUNA Issaka Saidou ISMAILLA

16:00 *Coffee break*

Time	Activity	Presenter(s)
16:30	<i>Poster presentations</i>	
	PRODUCTION POTENTIAL OF SOME CORN GENOTYPES - RESOURCES FOR AGRICULTURAL PRACTICE AND BREEDING PROGRAMS	Alina Laura AGAPIE Florin SALA
	PRODUCTION AND PRODUCTIVITY ELEMENTS IN FIELD PEAS IN RELATION TO MINERAL FERTILIZATION -	Andreea Lidia JURJESCU Florin SALA
	FINANCIAL PROFITABILITY OF AGRICULTURE IN BULGARIA	Oleg MILEV Emil MUTAFOV
	RESEARCH ON THE INFLUENCE OF BIOSTIMULANTS ON PRODUCTIVITY IN THE MILKWEED ( <i>SYLIBUM MARIANUM</i> L.)	Mihaela Anca COSERAN (BURNEA) Emilia CONSTANTINESCU Aurel Liviu OLARU Gabriela PAUNESCU Matei Marcel DUDA
	AGROPRODUCTIVE DIFFERENCES BETWEEN TWO LUVOSOL UNITS AT THE PREAJBA GORJ EXPERIMENTAL CENTER, ROMANIA	Mihaela BALAN Cristian POPESCU Oana Alina NITU
	AN ANALYSIS OF NATIONAL SANITARY VETERINARY AND FOOD SAFETY AUTHORITY (ANSVSA)'S ACTIVITIES DURING THE 2023 SUMMER SEASON IN CONSTANTA COUNTY, ROMANIA -	Iuliana CONDULET Silvius STANCIU
	EVALUATION THROUGH NATURAL BONITATION WORK OF THE SOILS IN THE ZONE OF CONFLUENCE OF DOLJ AND MEHEDINTI COUNTIES, ROMANIA AND THE ESTIMATION OF CROP PLANT PRODUCTIONS SPECIFIC TO THE AREA	Cristian POPESCU Mihaela BALAN
	THE SPECIFICS OF PUBLIC COMMUNICATION IN PROMOTING THE IMAGE OF AGRICULTURAL HOLDINGS	Florentina Mihaela PRUNA Stefan BATRINA

Time	Activity	Presenter(s)
	ECONOMIC EFFICIENCY REGARDING CASTOR BEAN ( <i>RICINUS COMMUNIS</i> L.) CULTIVATION IN PEDOCLIMATIC CONDITIONS IN THE CENTER OF MOLDOVA, ROMANIA	Bogdan MIRZAN Oana MIRZAN Margareta NAIE Constantin LUNGOCI Elena STAVARACHE Mihai STAVARACHE Diana BATIR RUSU Alexandra Andreea BUBURUZ
	RAPESEED CROP MANAGEMENT CONTRIBUTION TO YIELD INCREASE THROUGH SOIL WORKS SYSTEM AND FERTILIZING TREATMENTS	Antonia HERTEG Florin SALA
	RESEARCH ON WEED CONTROL IN AN OAT CROP	Alexandru POPA Cristinel Relu ZALA Mihai GIDEA
	RESEARCH ON THE EFFECTIVENESS OF SOME INSECTICIDES IN COMBATING PESTS IN AN OAT CROP	Alexandru POPA Cristinel Relu ZALA Rada ISTRATE Mihai GIDEA
	ASSESSMENT AND IMPROVEMENT OF FOOD SUSTAINABILITY AND THE FACTORS INFLUENCING CONSUMPTION PATTERNS	Catalin Razvan VINTU George UNGUREANU Bianca Antonela UNGUREANU
	NEW TRENDS IN THE GLOBAL AND EUROPEAN UNION RAW SILK TRADE IN THE PERIOD 2013-2022	Agatha POPESCU Toma Adrian DINU Elena STOIAN Valentin SERBAN Horia Nicolae CIOCAN
	PROFITABILITY OF SUNFLOWER CULTURE ON A CAMBIC CHERNOZEM IN WESTERN ROMANIA	Adalbert OKROS Casiana MIHUT Alexandru RINOVETZ Sorin CIULCA Alexander DEGIANSKI
	ECONOMIC EFFICIENCY OF SUNFLOWER PRODUCTION DEPENDING ON TECHNOLOGY	Adalbert OKROS Casiana MIHUT Alexandru RINOVETZ



Time	Activity	Presenter(s)
	THE "NĂDLAC FARMER" AGRICULTURAL COOPERATIVE – A MODEL OF GOOD PRACTICES FOR SMALL FARMERS, ROMANIA	Ioana COLF Nicoleta MATEOC SIRB Tiberiu IANCU
	THE COOPERATIVE MODEL OF AGRIBUSINESS IN BULGARIA- ORIGINS AND CONTEMPORARY STATE	Todorka ATANASSOVA- KALAYDZHIEVA Iskra NENCHEVA Ivanka ZHEKOVA
	GENOME EDITING TECHNIQUES: APPLICATIONS IN WHEAT BREEDING	Dorina BONEA
	FARM SIZE AND TECHNICAL EFFICIENCY OF THE AGRICULTURAL SECTOR IN THE EUROPEAN UNION (EU-27)	Dariusz KUSZ Bożena KUSZ
	PLOT QUALITY RATING AS A RESULT OF INNOVATION MANAGEMENT IN THE ARTIFICIAL INTELLIGENCE SOCIETY	Madalina Andreea BACIU Stefan VIZITEU Stejarel BREZULEANU
	ECONOMIC EFFICIENCY OF MAIZE CROP IN SMALL FARMS IN THE SOUTH WEST OF OLT COUNTY, ROMANIA	Ioan Alexandru SARACIN Aurel Liviu OLARU Emilia CONSTANTINESCU Ionel OBRETIN Ion SARACIN
	CAPITALIZATION WITH AGRICULTURAL MACHINES VS. SERVICES FOR AGRICULTURE	Dan BODESCU Oana COCA Stefania Beatrice PADURARU Roxana MIHALACHE Gavril STEFAN
	SUSTAINABILITY OF THE WORKFORCE ON A FARM IN THE NORTHEAST REGION OF ROMANIA	Ioan PRIGOREANU Andreea GRIGORE-SAVA Bianca Antonela UNGUREANU Gabriela IGNAT
	SERIOUS GAME SEGAE AS MODERN TOOL FOR LEARNING TO MANAGE A CATTLE FARM	Michał CUPIAŁ Joanna MAKULSKA
	INTEGRATED RISK MANAGEMENT IN A SMALL-DIMENSIONAL LAVENDER PLANTATION IN SOUTHERN ROMANIA	Georgia BOROS-IACOB Stelica CRISTEA

Time	Activity	Presenter(s)
	LAND USE FOR ANIMAL FEED IN ROMANIA IN THE PERIOD 2013-2022	Agatha POPESCU Cristina TINDECHE Alina MARCUTA Liviu MARCUTA Adelaida HONTUS Mirela STANCIU
	NATURAL POPULATION GROWTH IN BULGARIAN RURAL AREAS FOR THE PERIOD 2011-2021	Emil MUTAFOV Petar MARINOV
	PREDICTIVE ANALYSIS IN RURAL ECONOMICS: TOOLS FOR PLANNING AND EVALUATING SUSTAINABLE INVESTMENTS	Boris CORETCHI
	ANALYSIS OF THE DYNAMICS OF ORGANIC AGRICULTURE IN THE EUROPEAN UNION WITH AN EMPHASIS ON ROMANIA	Nicoleta MATEOC-SIRB Paula Diana OTIMAN Adelina VENIG Saida FEIER DAVID Camelia MANESCU Anisoara DUMA COPCEA Teodor MATEOC
	STUDY REGARDING THE INTEREST OF ROMANIAN CONSUMERS FOR ORGANIC AGRICULTURE	Teodor MATEOC Ioana Anda MILIN Ramona CIOLAC Camelia MANESCU Casiana MIHUT Nicoleta MATEOC-SIRB
	THE CONTRIBUTION OF AGRICULTURE COMPARED WITH OTHER ECONOMIC SECTORS TO THE FORMATION OF ROMANIA'S GROSS DOMESTIC PRODUCT	Camelia MANESCU Nicoleta MATEOC-SIRB Oana SICOE-MURG Ana-Mariana DINCU Diana MARIN
	EXTERNAL AND INTERNAL THREATS TO FOOD SECURITY	Tsvetan MARKOV
	ASSESSMENT OF THE PHYSICAL AND SOCIO-ECONOMIC POTENTIAL OF THE GRASSLANDS IN BANAT, ROMANIA IN A HOLISTIC APPROACH	Luminita COJOCARIU Lia HOANCEA Nicolae Marinel HORABLAGA Loredana COPACEAN Despina-Maria BORDEAN

Time	Activity	Presenter(s)
	CONSOLIDATING RURAL DEVELOPMENT: AN INSIGHTFUL EXPLORATION OF THE INTEGRAL ROLE OF RURAL DEVELOPMENT IN ACHIEVING THE SUSTAINABLE DEVELOPMENT GOALS	Roxana Mihaela COCIORVA Ramona Vasilica BACTER Gavril STEFAN Ioana BOLOHAN
	FINANCIAL INDEPENDENCE IN RURAL MUNICIPALITIES IN BULGARIA	Emil MUTAFOV
	ANALYSIS OF SINGLE AREA PAYMENT SCHEME (SAPS) BENEFICIARIES. CASE STUDY IN TIMIŞ AND CARAŞ SEVERIN COUNTIES, ROMANIA	Loredana GHERASIMESCU Stefan BATRINA Simona NITA Ilinca Merima IMBREA Lucian BOTOS Ana Maria DINCUI Ioana Alina HINDA Florin IMBREA
	TRADITIONAL SAXON HOME GARDENS AS HOT-SPOTS FOR PLANT GENETIC RESOURCES FOR FOOD AND AGRICULTURE CONSERVATION - CASE STUDY IN ROMANIA	Maria-Mihaela ANTOFIE Camelia SAND-SAVA Teodor VINTILA
	ASSESSMENT OF THE POTENTIAL OF THE HUMAN FACTOR FOR SUSTAINABLE DEVELOPMENT OF THE RURAL TERRITORIES IN REPUBLIC OF BULGARIA	Elena YORDANOVA Iliyana KRASTEVA Marina NIKOLOVA Georgi ANGELOV Tsvetan MARKOV
	FUNDING OPPORTUNITIES FOR SMART VILLAGE PROJECTS THROUGH THE LEADER INTERVENTION	Luminita CREINEANU (SASU) Alecsandra PARNUS (RUSU) Liviu MARCUTA
	EMBRACING THE CIRCULAR ECONOMY: A PARADIGM SHIFT FOR SUSTAINABLE PROSPERITY	Ionut Marius CROITORU, Mircea Adrian GRIGORAS, Agatha POPESCU, Brînduşa Antonia GRIGORAŞ
19:00	<i>Official Gala Dinner- Cultural Event</i>	CERES Restaurant, USAMV Campus

## Day 2 – Friday, June 7, 2024

FMDR Building, 1<sup>st</sup> Floor, Amphitheatre P33

### SESSION I

*Session Chairman: Professor Toma Adrian DINU*

*Moderator: Assoc. prof. Victor TIȚA*

Time	Activity	Presenter(s)
8:00	<i>Registration of participants</i>	
9:00	<i>Welcome and Conference Section Opening</i>	Marius Mihai MICU
9:10	<i>Oral Presentations</i>	
	AGRICULTURAL AND RURAL DEVELOPMENT IN THE CONTEXT OF A CIRCULAR ECONOMY IN THE EUROPEAN UNION AND FRANCOPHONIE STATES. CASE STUDY: ROMANIA	Aurelia-Ioana CHEREJI Irina-Adriana CHIURCIU Mihai SEBE
	RESEARCH ON THE IMPACT OF THE HOSTILITIES IN UKRAINE ON TOURISM IN THE DANUBE DELTA	Romeo Catalin CRETU Ioan Iulian ALECU Ionut Silviu BEIA Viorel Costin BANTA Petrica STEFAN
	INNOVATIVE STRATEGIES FOR FOOD WASTE REDUCTION AND THE USE OF MOBILE APPLICATIONS IN THE AGRIFOOD SECTOR	Maria-Georgeta MOLDOVAN Dan-Cristian DABIJA Cristina Bianca POCOL
	FINANCIAL PERFORMANCE IN THE CROP PRODUCTION SECTOR IN THE ERA OF DIGITAL TRANSFORMATION	Dimitrina STOYANCHEVA Dora DONCHEVA
	FROM FIELD TO CONSUMER: A COMPREHENSIVE ANALYSIS OF MEDICINAL AND AROMATIC PLANT PRODUCT PREFERENCES THROUGH GENERATIONS	Roxana Larisa CADAR Peter ŠEDÍK Kristína PREDANÓCYOVÁ Cristina Bianca POCOL

Time	Activity	Presenter(s)
	THE WINEMAKING SECTOR IN THE REPUBLIC OF MOLDOVA- ANALYSIS AND PERSPECTIVES	Tatiana COLESNICOVA Tatiana IATISIN Zinovia TOACA
	TOURISM SECTOR IN BULGARIA - POST-PANDEMIC RECOVERY OR DECLINE	Violetka ZHELEVA Dora DONCHEVA Emil MUTAFOV
	REPUBLIC OF MOLDOVA'S CROP SECTOR- DEVELOPMENT TRENDS AND ASSESSMENT OF COMPETITIVENESS AT THE INTERNATIONAL LEVEL	Alexandru STRATAN Lica ERHAN Eugenia LUCASENCO
	A QUANTITATIVE APPROACH TO INFLUENCING DRIVERS FOR SUSTAINABLE AGRICULTURE DEVELOPMENT	Vili DRAGOMIR Bianca BOLBOASA Steliana RODINO Marian BUTU
	EGG QUALITY RESEARCH ON CONTAMINATION IN VARIOUS SEASONAL CONDITIONS	Artur GOLBAN Rita GOLBAN
	ANALYTICAL FRAMEWORK OF THE CONTRACTS IN BULGARIAN AGRICULTURE – NEW INSTITUTIONAL ECONOMICS (NIE)	Minko GEORGIEV
11:00	<i>Coffee break</i>	

## SESSION II

*Chairman: Professor Alina MĂRCUȚĂ*

*Moderator: Lecturer Irina CHIURCIU*

Time	Activity	Presenter(s)
11:30	<i>Oral Presentations</i>	
	COMPARATIVE ANALYSIS OF GOVERNANCE MODELS IN MOUNTAIN AREAS. INSIGHTS FOR ASSURING SUSTAINABILITY AND RESILIENCE	Felix ARION Bozhura FIDANSKA Bridget MURPHY Cristina Amaro da COSTA Juan Antonio LAZARO MENENDEZ Mark REDMAN Rike STOTEN
	CONSUMERS' PERCEPTION OF "GEZO" IN ROMANIA: A TRADITIONAL PRODUCT FROM KURDISTAN	Rezhen HARUN
	SOCIAL ASPECTS OF COOPERATIVE VALUES OF SOME TYPES OF COOPERATIVES IN BULGARIA	Georgi ALEKSIEV Nadka KOSTADINOVA
	ANALYSIS OF COOPERATIVES IN THE AGRICULTURAL SECTOR AND MANUFACTURING INDUSTRY-PRODUCTIVITY AND GROWTH IN BULGARIA	Darina STOYANOVA Nadezhda PETROVA
	DETERMINING THE MARKET VALUE FOR AGRICULTURAL AND LIVESTOCK PROPERTIES	Silvia CHIOREAN Tudor SALAGEAN Ioana Delia POP Florica MATEI Mircea VARGA Mircea-Emil NAP
	ASPECTS RELATED TO THE HONEY MARKET AND THE ETHICS OF THE BEEKEEPING ENVIRONMENT IN ROMANIA	Irina-Adriana CHIURCIU Iuliana ZAHARIA Elena SOARE
	FINANCIAL DIAGNOSTICS OF BANKRUPTCY RISK IN AGRICULTURE: THE CASE OF BULGARIAN ENTERPRISES	Dimitrina STOYANCHEVA Rumyana ANGELOVA

Time	Activity	Presenter(s)
	CHALLENGES AND OPPORTUNITIES FOR ORGANIC FARMING POST 2023	Rositsa BELUHOVA-UZUNOVA Mariyana SHISHKOVA Krum HRISTOV
	INTERNATIONAL MİGRATION AND AGRİCULTURAL SUSTAINABILITY IN THE ÇUKUROVA REGION: DETAİLED ANALYSIS OF SOCİO-ECONOMIC STRUCTURE AND MİGRATION INTERACTIONS	Şinasi AKDEMİR Ufuk GÜLTEKİN Kasım Eren TUNA Issaka Saidou ISMAILLA
	SOCİO-ECONOMIC AND OPERATIONAL DYNAMICS OF REAPER-THRESHER OWNERSHIP IN ADANA, TÜRKİYE	Şinasi AKDEMİR Ufuk GÜLTEKİN Kasım Eren TUNA Issaka Saidou ISMAILLA Aziz MAVRUK Hüseyin ÖZBEK
13:30	<i>Lunch</i>	

## SESSION III

*Chairman: Professor Valentina TUDOR*

*Moderator: Lecturer Iulia ZAHARIA*

Time	Activity	Presenter(s)
14:30	<i>Oral Presentations</i>	
	THE ROLE OF INVESTMENTS IN THE MODERNIZATION AND DEVELOPMENT OF THE VITIVINICULTURAL SECTOR	Angela TIMUS Tatiana IATISIN
	THE ECONOMIC CENTERS IN BULGARIA - AN OPPORTUNITY TO DISCOVER ADDITIONAL POTENTIAL IN THE REGIONAL DEVELOPMENT OF RURAL TERRITORIES	Krasimira SLAVEVA Sergey NAYDENOV Marina NIKOLOVA Pavlin PAVLOV
	FARM DEBT AND INVESTMENT. EMPIRICAL EVIDENCE FROM BULGARIAN AGRICULTURE	Desislava IVANOVA Evgeni GENCHEV
	RESEARCH ON SOME ASPECTS OF POULTRY MEAT QUALITY DEPENDING ON STORAGE	Rita GOLBAN Artur GOLBAN Aurel CIUCLEA
	GLOBAL TRENDS ON RESEARCH TOWARDS THE VALUATION PROCESS OF AN AGRICULTURE LAND	Silvia CHIOREAN Iulia COROIAN Tudor SALAGEAN Mircea Emil NAP Jutka DEAK Ioan LUPUT
	TESTING THE POTENTIAL OF INNOVATIVE TREATMENTS OF WHITE GRAPE MUST WITH VEGETAL PROTEINS – SENSORY IMPACT ON WINE	Arina Oana ANTOCE George Adrian COJOCARU
	RESOURCE REQUIREMENTS OF BULGARIAN CATTLE FARMING AND OPORTUNITIES FOR ADAPTATION OF DIGITAL SYSTEMS	Georgi ALEKSIEV Nadezhda PETROVA Evgeni GENCHEV



Time	Activity	Presenter(s)
	DIGITAL INNOVATIONS IN CATTLE-BREEDING - OPPORTUNITIES AND CHALLENGES FOR SUSTAINABLE DEVELOPMENT OF THE RURAL AREAS IN BULGARIA	Marina NIKOLOVA Tsvetan MARKOV Iliyana KRYSTEVA Elena YORDANOVA Georgi ANGELOV
	FOOD SAFETY PERCEPTIONS INFLUENCED BY ONLINE TRADE IN FOODSTUFFS	Gergana BALIEVA
	AQUACULTURE IN TRANSITION: PREDICTIVE INSIGHTS INTO ROMANIAN AQUACULTURE PRODUCTION	Raluca-Aniela GHEORGHE-IRIMIA Dana TAPALOAGA Cosmin SONEA Alexandru USTUROI Paul-Rodian TAPALOAGA
	CHALLENGES AND ALTERNATIVES ON THE FORAGES RESOURCES PROVIDING UNDER CURRENT ENVIRONMENTAL AND CLIMATE CONDITIONS	Rodica CHETROIU Diana Maria ILIE
<b>16:30</b>	<b><i>Poster presentations</i></b>	
	PRELIMINARIES ON THE AGRITOURISM TOURIST'S TYPOLOGY IN ROMANIA. CASE STUDY „SATUL BANULUI” GUESTHOUSE, PRAHOVA COUNTY	Carina Andreia DOBRE Adina Magdalena IORGA Iuliana ZAHARIA
	PERSONS EMPLOYED IN NON-AGRICULTURAL ACTIVITIES IN RURAL AREAS OF THE SOUTH CENTRAL REGION IN THE REPUBLIC OF BULGARIA FOR THE PERIOD 2010-2020. (IN THE CONTEXT OF A LOCATION INDEX - LI)	Petar MARINOV
	ASPECTS REGARDING SUSTAINABILITY AND FOOD SECURITY IN ROMANIA IN THE CONTEXT OF EUROPEAN POLICIES	Catalin Razvan VINTU George UNGUREANU Bianca Antonela UNGUREANU

Time	Activity	Presenter(s)
	ORGANIC VS. CONVENTIONAL: A COMPARATIVE REVIEW OF HEALTH-RELATED WELFARE ISSUES AND THEIR ECONOMIC IMPACT ON POULTRY PRODUCTION	Silviu-Ionut BEIA Dana TAPALOAGA Cosmin SONEA Raluca-Aniela GHEORGHE-IRIMIA Petronela Mihaela ROSU Makki Khalaf Hussein AL DULAIMI Paul-Rodian TAPALOAGA
	ANALYSIS OF THE EFFICIENCY OF THE IMPLEMENTATION OF FINANCING PROGRAMS FROM THE EUROPEAN SOCIAL FUND ON EDUCATION IN THE RURAL ENVIRONMENT IN ROMANIA	Mihaela GRECU (FRATEA) Constantin Adrian SURLEANU Ovidiu GUSAN Dragos Ion SMEDESCU George VLAD Razvan PANAIT Valentina Constanta TUDOR
	VARIANCES BETWEEN CONTRACT AND NON-CONTRACT FARMS IN THE USE OF SUSTAINABLE FARMING PRACTICES: CASE STUDY	Marioara RUSU Mihai Alexandru CHITEA Ioan Sebastian BRUMA
	COMPARATIVE ANALYSIS OF INCOME AND EXPENDITURE TRENDS IN AGRICULTURAL HOUSEHOLDS IN ROMANIA	Simona-Beatrice MANOLACHE, Silvius STANCIU
	COMPETITIVENESS OF MOLDOVAN AGRI-FOOD EXPORTS AT THE REGIONAL LEVEL IN THE CONTEXT OF CURRENT CRISES	Vasilii SOVCOVICI Viorica LOPOTENCO Liliana STAVER
	PROBLEM-SOLVING GROUNDS IN SMALL-SCALE FARMING IN WESTERN ROMANIAN AGRICULTURE	Cosmin SALASAN Laura SMULEAC Vedran TOMIC Doris FLOARES Alexandra IBRIC Raul PASCALAU
	ANALYSIS AND ASSESSMENT OF THE USE OF PESTICIDES AND FERTILIZERS IN THE RURAL TERRITORIES OF REPUBLIC OF BULGARIA	Iliyana KRASTEVA Marina NIKOLOVA Elena YORDANOVA Georgi ANGELOV Tsvetan MARKOV

Time	Activity	Presenter(s)
	INFLUENCE OF LEADER ON THE SUSTAINABLE DEVELOPMENT OF RURAL REGIONS OF BULGARIA	Georgi ANGELOV Marina NIKOLOVA Elena YORDANOVA Tsvetan MARKOV Iliyana KRYSTEVA
	INITIATING A BUSINESS FOR ESTABLISHING A MODERN QUINCE CULTIVATION IN SOUTHWESTERN ROMANIA – A PROFITABLE SOLUTION FOR THE FUTURE	Roxana-Gabriela POPA Emil-Catalin SCHIOPU Violeta-Ramona CAZALBASU Irina-Ramona PECINGINA
	MARKET TRENDS IN THE EU BEVERAGE INDUSTRY	Dragos SMEDESCU Valentina TUDOR Cosmina SMEDESCU Alexandru FINTINERU
	EVALUATION OF INSTITUTIONAL CHANGE IN TOUR AGENTS BRANCH - NEW INSTITUTIONAL ECONOMICS ANALYTICAL FRAMEWORK	Minko GEORGIEV Boryana IVANOVA Ivanka DIMITROVA
	STUDY REGARDING THE ANALYSIS OF TOURIST RESOURCES AND ACTIVITIES FROM A BOARDING HOUSE IN THE MUNICIPALITY OF CICĂNEȘTI - ARGEȘ, ROMANIA, IN THE PERIOD 2018-2022	Jenica CALINA Aurel CALINA
	LOCALIZATION OF TOURIST BUSINESS IN THE RURAL TERRITORY OF BULGARIA	Pavlin PAVLOV Krasimira SLAVEVA Marina NIKOLOVA Mariana PETROVA
	STUDY ON TOURISM ACTIVITY IN THE WESTERN DEVELOPMENT REGION OF ROMANIA	Ana-Mariana DINCU Manuela-Dora ORBOI Florinel IMBREA Ilica Merima IMBREA Andreea Adriana PETCOV Diana MARIN
	STUDY ON THE DEVELOPMENT AND EVOLUTION OF THE SUSTAINABLE AGRITOURISM ACTIVITY AT A BOARDING HOUSE IN CRASNA MUNICIPALITY - GORJ, ROMANIA	Jenica CALINA Aurel CALINA

Time	Activity	Presenter(s)
	ROMANIAN RURAL TOURISM IN GUESTHOUSES - EVOLUTION PERSPECTIVES	Carina Andreia DOBRE Aurelia Vasilica BALAN Paula STOICEA Adina Magdalena IORGA
	THE IMPACT OF THE COVID-19 PANDEMIC ON RURAL TOURISM IN EUROPE	Cornelia Marilena DAMIAN Dragos Ion SMEDESCU Razvan PANAIT Cristiana Silvia BUZATU Andrei VASILE Valentina Constanta TUDOR
	SOCIO-ECONOMIC CHALLENGES IN THE TRANSITION TO A LOW-CARBON ECONOMY AT REGIONAL LEVEL IN BULGARIA	Violetka ZHELEVA Nedelin MARKOV
	GREEN DEAL AND SOLAR ENERGY- PROSPECTS FOR BULGARIAN RURAL AREAS	Krum HRISTOV Rositsa BELUHOVA- UZUNOVA Dimo ATANASOV Svetoslav LAVCHIEV Georgi MRANKOV
	THE APPLICABILITY OF FARMS IN ROMANIA REGARDING THE ECO-SCHEME "PD-04 ENVIRONMENTALLY BENEFICIAL PRACTICES APPLICABLE IN ARABLE LAND"	Paula STOICEA Adrian Gheorghe BASA Elena Mirela DUSA
	DEVELOPING A DIGITALTWIN MODEL FOR CORN, WHEAT AND RAPESEED YIELDS COMPUTATION	Catalin CHITU Ilinca IMBREA Stefan BATRINA Florin IMBREA
	STATISTICAL ANALYSIS OF ECONOMIC INDICATORS IN NITROGEN FIXATION OF BIRD'S FOOT TREFOIL CULTIVARS AND ITS INFLUENCE ON THE ECOLOGICAL EFFECT	Boryana CHURKOVA Katerina CHURKOVA
	ECONOMIC EVALUATION OF FERTILIZING WITH ORGANIC FERTILIZERS IN THE PRODUCTION OF BIRD'S FOOT TREFOIL FODDER	Katerina CHURKOVA Boryana CHURKOVA

Time	Activity	Presenter(s)
	IMPORTANCE OF SOFT-SKILLS FOR MANAGING VETERINARY PRACTICES	Zdravko TODOROV Gergana BALIEVA
	ADAPTATION OF THE FARMERS' SKILLS TO THE REQUIREMENTS OF THE FUTURE AGRICULTURE	Anamaria Viorela GRAMA Stefan Laurentiu BATRINA
	WASTE MANAGEMENT IN BROILER INDUSTRY, BULGARIA	Iliyan LAZAROV Gergana BALIEVA Ivanka LAZAROVA
	INFLUENCE OF FORMAL AND NON-FORMAL EDUCATIONAL ACTIVITIES ON THE ACADEMIC INTEGRATION OF FIRST-YEAR STUDENTS OF "ION IONESCU DE LA BRAD" UNIVERSITY OF LIFE SCIENCES (IULS) IAȘI, ROMANIA, FOR REDUCING EARLY DROPOUT	Carmen-Olguta BREZULEANU Alina SIRGHEA Roxana MIHALACHE Elena UNGUREANU Stejarel BREZULEANU
	FROM FARM TO FORK: THE ROLE OF FOOD MARKETS IN ENSURING FOOD SECURITY THROUGH EFFECTIVE POLICY	Giorgiana Raluca BARBU, Simona Raluca GRĂDINARU, Gabriel Ovidiu VÂNĂU
18:00	<i>Final Discussions and Conclusions</i>	



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