

The 12th International Symposium

PROSPECTS FOR 3rd MILLENNIUM AGRICULTURE

26 - 28 September, 2013
Cluj-Napoca, Romania



University of Agricultural Sciences and
Veterinary Medicine
Cluj-Napoca

PROGRAM BOOKLET

The 12th International Symposium “PROSPECTS FOR THE 3rd MILLENNIUM AGRICULTURE”

Organized by:



University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca

In collaboration with:



University of Natural Resources and Applied Life Sciences, BOKU (Austria)



University of Liege (Belgium)



EuCheMS – Division of Food Chemistry

Under the patronage of:



Ministry of National Education (Romania)



Ministry of Agriculture and Rural Development (Romania)



Academy of Agricultural and Forestry Sciences (Romania)



Romanian Academy (Romania)

Sponsors:



DLG InterMarketing



SC. JIDVEI SA



Asociația Profesională AgroBioTech Rom



Banca Comerciala Romana sucursala Cluj-Napoca



Banca ING sucursala Cluj-Napoca



SC. PRODVINALCO SA Cluj-Napoca



SC. VIOLA SRL

International Scientific Committee

Agriculture

1. Lucien CARLIER, Institute for Agricultural and Fisheries Research (ILVO), Belgium
2. Martin H. GERZABEK, Universität für Bodenkultur Wien, Austria
3. Eric HAUBRUGE, Université de Liège, Gembloux Agro-Bio Tech, Belgium
4. Karlheinz KÖLLER, Universität Hohenheim, Germany
5. Ioan NEGRUTIU, École Normale Supérieure de Lyon, France

Environment Protection and Sustainable Development

1. José Ramón AREVALO, Universidad de La Laguna, Spain
2. MihaI BERCA, University of Agronomical Science and Veterinary Medicine Bucharest, Romania
3. Volker LÜDERITZ, Magdeburg-Stendal University of Applied Sciences, Germany

Food Science and Technology

1. Horst A.DIEHL, University of Bremen, Germany
2. Roger FENWICK, Institute for Food Research, Norwich, UK
3. Paul FRASER, Royal Holloway, University of London, UK
4. Marija GAVROVIC-JANKULOVIC, University of Belgrade, Serbia
5. Dietmar Haltrich, Universität für Bodenkultur Wien, Austria
6. Klaus LOESCHE, Hochschule Bremerhaven, Germany
7. Michael MURKOVIC, Technical University Graz, Austria
8. Wendy RUSSELL, University of Aberdeen, UK
9. Livia SIMON SARKADI, Corvinus University of Budapest, Hungary
10. Rimantas VENSKUTONIS, Kaunas University of Technology, Lithuania
11. Irena VOVK, Institute of Chemistry Ljubljana, Slovenia

Horticulture and Forestry

1. Atanas ATANASSOV, AgroBioInstitute, Agricultural Academy, Sofia, Bulgaria
2. Douglas D. ARCHBOLD, University of Kentucky, USA
3. Carlo BLASI, Sapienza University, Rome, Italy
4. Roman HOŁUBOWICZ, Poznań University of Life Sciences, Poland
5. Enrique GARZON JIMENO, Instituto de Investigacion de la Viña y el Vino, University of Leon, Spain

6. Maurizio LAMBARDI, National Research Council (CNR), IVALSIA Institute, Italy
7. Jaime PROHENS, Instituto de Conservación y Mejora de la Agrodiversidad Valenciana, Spain
8. Hans Peter SCHWARZ, Geisenheim Research Center, Germany
9. Klaus SCHALLER, Geisenheim Research Center, Germany
10. Ibrahim UZUN, Akdeniz University, Antalya, Turkey
11. Oscar VICENTE, Universidad Politécnica de Valencia, Spain

Economics and Rural Development

1. Edi DEFRANCESCO, Dipartimento Territorio e Sistemi Agroforestali, Facoltà di Agraria, Legnaro, Italy
2. Jean-Philippe BOUSSEMART, LEM-IESEG School of Management and University of Lille 3, France
3. Gabriele CANALI, Facoltà di AGRARIA, Università Cattolica del Sacro Cuore, Italy
4. Paolo De CASTRO, Agricultural Economics at the Veterinary Medicine University of Bologna, Italy
5. Rangesan NARAYANAN, Biotechnology, and Natural Resources, University of Nevada, Reno, United States
6. Jose Luis VASQUEZ, University of Leon, Spain

Animal Science and Biotechnology

1. Marcel AMILLS, Universitat Autònoma de Barcelona, Spain
2. Alexandru T. BOGDAN, Romanian Academy-INCE-CSCBA, Romania
3. Zoltán DOMOKOS, National Association of Hungarian Charolais Cattle Breeders, Hungary
4. Stefano GREGO, University of Tuscia, Italy
5. Wojciech KAPELAŃSKI, University of Technology and Life Sciences, Poland
6. Tanja KUNEJ, University of Ljubljana, Slovenia
7. Gábor MILISITS, Kaposvár University, Hungary
8. Robin F. A. MORITZ, Martin-Luther-University Halle-Wittenberg, Germany
9. Maurizio RUZZI, University of Tuscia, Italy
10. André THÉWIS, Université de Liège Gembloux Agro-Bio-Tech, Belgium
11. Philippe THONART, Université Liege, Gembloux Agro-Biotech, Gembloux, Belgium

Veterinary Medicine

1. Walter BAUMGARTNER - University of Veterinary Medicine Vienna, Austria
2. Sylvain BELLIER - Alfort Veterinary School, Paris, France
3. Jovan BOJKOVSKI - University of Belgrade, Serbia

4. Pip BOYDELL - Animal Medical Centre Referral Services, Manchester/Yorkshire, UK
5. Mustafa N. BUCAK - Selcuk University, Faculty of Veterinary Medicine, Konya, Turkey
6. Hans Henrik DIETZ - Faculty of Health & Medical Sciences, Copenhagen, Denmark
7. José Carlos ESTEPA NIETO - Faculty of Veterinary Medicine, University of Cordoba, Spain
8. Murat FINDIK - Faculty of Veterinary Medicine, University of Ondokuz, Mayıs, Turkey
9. Valeria GRIECO - Faculty of Veterinary Medicine, Milano, Italy
10. Tolga GUVENC - Faculty of Veterinary Medicine, University of Ondokuz, Mayıs, Turkey
11. Leonardo MEOMARTINO - Faculty of Veterinary Medicine, University of Naples, Italy
12. Miguel Moreno MILAN - Faculty of Veterinary Medicine, University of Cordoba, Spain
13. Renata RELIC - University of Belgrade, Serbia
14. Franco ROPERTO - Faculty of Veterinary Medicine, University of Naples, Italy
15. John ULICI - Centre for Science, Athabasca University, Canada
16. Peter VAJDOVICH - Faculty of Veterinary Medicine, Szent Istvan University Budapest, Hungary
17. René VAN DEN HOVEN - University of Veterinary Medicine, Vienna, Austria
18. Alun WILLIAMS - Faculty of Veterinary Medicine, University of Cambridge, UK

Land Measurement, Natural and Humanistic Sciences

1. Nicolae DIMA, University of Petroşani, Romania
2. Zeky KARA, Selcuk University, Konya, Turkey
3. Johan NEUNER, Technical University of Civil Engineering Bucharest, Romania
4. Maricel PALAMARIU, '1st of December' University Alba -Iulia, Romania
5. Cornel PĂUNESCU, University of Bucharest, Romania
6. Dumitru ONOSE, Technical University of Civil Engineering Bucharest, Romania
7. Jasna SOSTARIC, University J. J. Strossmayer Osijek, Croatia

Local Organising Committee

Prof. dr. Doru PAMFIL, rector

Prof. dr. Liviu Al. MĂRGHITAȘ, president of Senate

Prof. dr. Carmen SOCACIU, vice rector for research

Assoc. prof. dr. Andrei MIHALCA, vice rector for international relations

Assoc. prof. dr. Ioana POP, vice rector for quality assurance

Prof. dr. Roxana VIDICAN, dean

Lect. dr. Antonia ODAGIU, vice-dean for research

Prof. dr. Radu SESTRĂȘ, dean

Prof. dr. Viorel MITRE, vice-dean

Lect. dr. Ionel Mugurel JITEA, vice-dean for research

Prof. dr. Vioara MIREȘAN, dean

Prof. dr. Augustin VLAIC, vice-rector

Assoc. prof. dr. Mirela CADAR, vice-dean for research

Prof. dr. Cornel CĂTOI, dean

Prof. dr. Ioan MARCUS, vice-dean for research

Prof. dr. Sevastita MUSTE, dean

Lect. dr. Elena MUDURA, vice-dean for research

Contact

Dr. Dorottya DOMOKOS

Sorina DĂRȚAN

USAMV CLUJ-NAPOCA

Str. Mănăștur Nr. 3-5, Cluj-Napoca, 400372 ROMANIA

Tel: +40 264.596.384 ext. 402 Fax: +40 264.593.792

E-mail: simpo@usamvcluj.ro

CONTENTS

Symposium timetable.....	9
Meeting schedule and social events	12
Daily program	14

26th of September 2013

Section 1 Agriculture	14
Section 2 Environmental Protection and Sustainable Development.....	17
Section 3 Food Science and Technology	19
Section 4 Horticulture and Forestry.....	22
Section 5 Economics and Rural Development.....	26
Section 6- 7Animal Science and Biotechnology.....	28
Section 8 Veterinary Medicine - fundamental and pre-clinical sciences.....	31
Section 9 Veterinary Medicine - clinical sciences.....	36
Section 10 Land Measurement, Natural and Humanistic Sciences	40

27th of September 2013

Section 1 Agriculture	44
Section 2 Environmental Protection and Sustainable Development.....	53
Section 3 Food Science and Technology	58
Section 4 Horticulture and Forestry.....	64
Section 5 Economics and Rural Development.....	77
Section 6- 7Animal Science and Biotechnology.....	84

Section 8 Veterinary Medicine - fundamental and pre-clinical sciences	94
Section 9 Veterinary Medicine - clinical sciences.....	103
Section 10 Land Measurement, Natural and Humanistic Sciences	113
Round tables.....	114
Symposium trip.....	116
University campus Map.....	117
Notes	118

SYMPOSIUM TIMETABLE

26th of September 2013

- 08:00-12:00 **Symposium Registration (Aula Magna)**
- 09:00-09:15 **Opening ceremony (Aula Magna)**
 Doru PAMFIL, USAMV Cluj-Napoca
 Representatives of Ministry, Academy and local authorities
- 09:15-10:30 **1st Plenary Session (Aula Magna)**
 Chairmen: Andre THEWIS, Doru PAMFIL
- 09:15-09:40 Extensive land use systems and their significance for safeguarding European
 cultural and ecological heritage
 Rainer LUICK, Germany
- 09:40-10:05 Innovation in the cryopreservation (-196°C) of woody plant biodiversity
 Maurizio LAMBARDI, Italy
- 10:05-10:30 The biosynthesis, regulation and engineering of high-value and nutritional
 isoprenoids in plants
 Paul FRASER, United Kingdom
- 10:30-10:50 **Coffee break**
- 10:50-12:00 **2nd Plenary Session (Aula Magna)**
 Chairmen: Maurizio LAMBARDI, Carmen SOCACIU
- 10:50-11:15 Potential of insects as an innovative source of proteins for feed production
 Andre THEWIS, Belgium
- 11:15-11:40 Maternal effects participate to the gut length control
 Sylvain BELLIER, France
- 11:40-12:05 International Master Program organized by the CASSE network
 Barbara HINTERSTOISSER, Austria
- 12:10-13:10 ***Ceremony of Doctor Honoris Causa***
 Prof. Dr. Vasile Vântu – Rector of USAMV Iași
 Prof. Dr. Petru Alexe – University “Dunarea de Jos” Galați
- 13:20-14:30 **Lunch (Centre of Biodiversity and Agronomia Restaurant) – not**
 included in the symposium fee
- 14:30-19:00 **Oral Sessions (Sections I-X)**

20:00-21:30 **Dinner (Restaurant “Agronomia”)** - not included in the symposium fee

27th of September 2013

09:00-11:00 **Oral Sessions (Sections I-X) and Poster viewing (Hall, Institute of Life Sciences)**

08:30-12:00 **Round table – “Bioenergetic status change by the action of the bio-phyto-dynamic modulators.”**

09:00-11:00 **Workshop – ”Neurologic examination in domestic large animals” and ”Imaging diagnosis in gastroenterology in domestic large animals”**

09:00-11:00 **Table ronde – ” Actualités dans l'Éthologie et l'Ethopatologie chez les animaux de compagnie”**

11:00-11:30 **Coffee break**

11:30-13:00 **Oral Sessions (Sections I-X) and Poster viewing (Hall, Institute of Life Sciences)**

13:00-15:00 **Lunch (Restaurant “Agronomia”)** – not included in the symposium fee

14:00-17:00 **Round table - "Insights on the Fertilizers Industry in Context of Romanian Economic, Climatic, and Social Challenges"**

15:00-17:00 **Poster Sessions and presentations (sections I-X)**

15:00-16:30 **Presentation of fellowship program offered by DBU (German Foundation for Environment) (room 26, Institute of Life Sciences)**

19:00-24:00 **Banquet (Centre of Biodiversity)** – not included in the symposium fee

28th of September 2013

08:00-21:00 **Transylvania tour – optional (35 EURO)**

Visit of Sighisoara medieval city - a UNESCO World Heritage (details in <http://www.romaniatourism.com/sighisoara.html>) and Saline Turda (<http://www.salinaturda.eu>).

MEETING SCHEDULE and SOCIAL EVENTS

Registration of the participants

Thursday, September 26 08:00 – 12:00

Opening Ceremony

Thursday, September 26 09:00 – 09:15

Oral presentations (see sections' program)

Thursday, September 26 Plenary lectures 09:20 – 12:05

Thursday, September 26 Oral presentations 14:30 – 19:00

Friday, September 27 Oral presentations 09:00 – 13:00

Poster presentations (see sections' program)

Friday, September 27 15:00 – 17:00

Ceremony of Doctor Honoris Causa

Thursday, September 26 12:05 – 13:20

Round tables

08:30 – 12:00

Friday, September 27 13:00 – 15:00

Banquet

Friday, September 27 19:00 – 24:00

Transylvania Tour

Saturday, September 28 09:00 – 18:00

Symposium proceedings

The participants registered to our symposium have the opportunity not only to present their results, published as summary in the “Book of Abstracts” but also to publish *in extenso* their contributions. The oral presentations, after a previous peer review process, can be published in the journal Bulletin of UASVM-CN nr. 70 (1-2)/2013 – Agriculture, Horticulture, Animal Science-Biotechnologies and Veterinary Medicine or nr. 1(1-2)/2013 – Food Science and Technology. To mention, the Bulletin UASVM-CN, now at volume 70, is indexed in prestigious international data bases (CAB Abstracts (<http://www.cabi.org/>), Thomson Reuters Master Journal List (<http://science.thomsonreuters.com/mjl/>), VINITI (<http://www2.viniti.ru/>), ASCI (<http://scialert.net/asci/>), Index Copernicus (<http://www.indexcopernicus.com/>), EBSCO (<http://www.ebscohost.com/>).

Program changes and notices

Changes in program usually occur immediately prior to the printing of the abstract booklet. In an effort to alert participants of these changes, a bulletin board will be located in the registration area containing notices of last changes.

Opening ceremony

The opening ceremony will be held Thursday, 26th September, from 9:00 to 9:15 at the Central Hall, Aula Magna “Mihai Șerban”.

Coffee breaks

Teas and coffees will be provided during morning and afternoon breaks in the Central Hall, first level and also in the section’s halls.

Banquet, Lunch & Dinner

The banquet will take place at Centre for Biodiversity (in the main University Campus) on Friday, 27th September, from 19:00 to 24:00. The banquet is not included in the registration fee.

The lunch will be served on Thursday, 26th September, from 13:20 to 14:30 at Institute of Biodiversity or Agronomia Restaurant and on Friday 27th September, from 13:00 to 15:00 at Agonomia Restaurant (5 minutes walk from the University). The dinner will be served on Thursday, 26th September, from 20:00 to 21:30 at Agonomia Restaurant.

Lunch and dinner vouchers can be bought individually in Romanian lei (RON) at the registration desk, only Thursday, 26th September, from 08:00 to 12:00.

Thursday, 26th of September 2013

DAILY PROGRAM SCHEDULE

SECTION 1: Agriculture *Grassland & forage crop*

Hall: A4 –Rectorate building (map 1)

14:30 – 19:00 ORAL PRESENTATIONS

Chairman: Prof. dr. Ioan ROTAR
Moderator: Prof. dr. Roxana VIDICAN
Dr. Didier HUYGENS
Secretary: Drd. Anamaria MĂLINAȘ

THE BEHAVIOUR OF *MEDICAGO SATIVA* AND *BROMUS INERMIS* SUBJECTED TO DIFFERENT CONDITIONS OF FERTILIZATION

Rotar I., Păcurar F., Vidican R., Deak D., Mălinaș A.

THE INFLUENCE OF DIFFERENT TYPE OF MANAGEMENT UPON THE FLORISTIC STRUCTURE OF GRASSLAND SYSTEMS WITH SPECIAL ATTENTION ON *ARNICA MONTANA* L.

Huygens D., Rotar I., Vidican R., Păcurar F., Carlier L., Mălinaș A.

THE VARIATION OF MYCORRHIZAL COLONIZATION PARAMETERS IN *FESTUCA RUBRA* UNDER THE INFLUENCE OF CLIMATIC FACTORS AND DIFFERENTIATED FERTILIZATION

Vidican R., Stoian V., Rotar I., Păcurar F.

TECHNIQUES FOR ASSESSING AND MONITORING BOTANICAL COMPOSITION OF GRASSLANDS: A SHORT REVIEW

Dale L., Rotar I., Thewis A., Bindelle J., Boudry C., Vidican R.,
Baeten V., Fernández Pierna J.A.

VALUATION OF THE GRASSLAND PRODUCTION OF ȘURDEȘTI VILLAGE, MARAMUREȘ COUNTY

Voșgan Z., Vidican R., Mihalescu L., Mare Roșca O., Marian M.,
Dumuța A.

**ORGANIC AND MINERAL FERTILIZATION OF *FESTUCA RUBRA*
L. MEADOWS ON DIFFERENT SOIL TYPES**

Morea A., Rotar I., Vidican R., Păcurar F., Mălinaș A.

**RESEARCH ON THE INFLUENCE OF ORGANIC FERTILIZING
AND MULCHING UPON DRY MATTER YIELD AND
PHYTODIVERSITY**

Balázsi Á., Rotar I., Păcurar F., Vidican R., Bogdan A.

**THE PRESENT SITUATION AND TRENDS IN DEVELOPMENT OF
AGRICULTURE IN APUSENI MOUNTAIN**

Cirebea M., Rotar I., Ciure A.

RED DEER INFLUENCE ON NATURAL GRASSLANDS

Gliga A. E., Rotar I., Păcurar F., Vidican R.

**REVALUATION OF NATURAL MOUNTAIN PASTURES THROUGH
FRIENDLY ENVIRONMENTAL METHODS**

Rusu M., Popa D.

**THE INFLUENCE OF *FUSARIUM* INFECTIONS ON THE QUALITY
PARAMETERS AND PRODUCTION OF FOUR WHEAT VARIETES,
IN DIFFERENT INFECTION CONDITIONS**

Suciu A., Miclea R., Puia C., Sopterean L., Haș I.

**CHEMICAL CONTROL OF SCAB (*VENTURIA INAEQUALIS*) IN
THE SEINI FRUIT BASIN**

Mihalescu L., Mare Roșca O., Voșgan Z., Marian M., Maxim A.,
Cordea M.

**CHARACTERIZATION OF *RHIZOBIUM TRIFOLII* AND
SINORHIZOBIUM MELILOTI STRAINS ON DIFFERENT CULTURE
MEDIA**

Niste M., Vidican R., Rotar I., Pop R.

**THE ROLE OF AMINO ACIDS FOR THE IN VITRO CULTURE OF
SOME SPECIES OF FORAGE LEGUMES I. *TRIFOLIUM PRATENSE* L**

Vicaș G., Savatti M.

**RESEARCHES CONCERNING THE DECONTAMINATION
PROCESS OF SOILS POLLUTED WITH HYDROCARBONS BY
APPLYING THE BIOREMEDIATION METHOD – PARTIAL
RESULTS**

Hening H., Vidican R.

**RESEARCHES CONCERNING EFFECTIVENESS OF THE SEED
TREATMENT IN MAIZE CROP FOR CONTROLLING THE MAIZE
LEAF WEEVIL (*TANYMECUS DILATICOLLIS* GYLL) AT NARDI
FUNDULEA**

Georgescu E., Burcea M., Balaban N., Cana L .

**CHEMICAL METHODS OF FIGHT AGAINST *MONARTHROPALPUS
BUXI GEOFF.* SPECIES**

Soporan C.-R., Oltean I., Florian T., Macavei L.

**PRELIMINARY RESEARCH ON THE USE OF PHEROMONES ON
EUROPEAN CHERRY FRUIT FLY (*RHAGOLETIS CERASIL.*)**

Macavei L., Oltean I., Oprean I., Vasian I., Florian T., Varga M.,
Soporan C.

**RESEARCHES CONCERNING THE SPREADING OF *TUTA
ABSOLUTA* SPECIES INTO GREENHOUSES FROM WEST OF
ROMANIA**

Băetan R., Oltean I.

**POTATO CROP MONITORING USING VERIS MOBILE SENSOR
PLATFORM**

Puiu M.I., Morar G., Olteanu Gh., Ianoși M.

SECTION 2: Environmental Protection and Sustainable Development

Hall: A6 - Faculty of Agriculture (Map 4)

14:30 – 19:00 ORAL PRESENTATIONS

Chairman: Prof. dr. Stefan SCRADER
Moderator: Prof.dr. Jose Ramon AREVALO
Lecturer dr. Antonia ODAGIU
Secretary: Drd. Cristian MĂLINAȘ

BIOLOGICAL CONTROL OF SOIL-BORN PHYTOPATHOGENIC FUNGI AND THEIR MYCOTOXINS BY SOIL FAUNA - A REVIEW

Schrader S., Wolfarth F.

DIFFERENCES IN CARBON SEQUESTRATION AND BIOMASS IN NATIVE VS. EXOTIC SPECIES OF PINES (TENERIFE, CANARY ISLANDS)

Arévalo J.R., García-Fariña G., Fernández-Lugo S.

OPTIMIZING BIOLOGIC ACTIVE COMPONENTS OF THE NUTRACEUTICAL COMPOUND BASED ON SELENIUM ENRICHED GARLIC

Oroian I.Gh., Covrig I., Odagiu A.

IS ORGANIC FARMING A TOOL FOR SUSTAINABLE DEVELOPMENT IN WALLONIA?

Burny Ph., Debode F.

CARBON FOOTPRINT AND SHALE GAZE EMISSIONS

Odagiu A., Oroian I.Gh., Covrig I., Paulette L.

BEHAVIOUR OF SOME TOMATOES (*LYCOPERSICON ESCULENTUM*) AND CUCUMBERS (*CUCUMIS SATIVUS*) LANDRACES TO SOME PHYTHOFAGOUS PESTS

Maxim A., Bolboacă V., Sandor M., Odagiu A., Mihalescu L., Maxim I.O., Lucaci A.

RISK PATHOGEN ASSESSMENT IN POTATO. A CASE STUDY: *ALTERNARIA SOLANIS* SORAUER ATTACK

Fleșeriu A., Oroian I.Gh., Brașovean I., Todoran C., Suciul Al.

THE EFFECTS OF THE *REYNOUTRIA JAPONICA* SPECIES ON THE BIODIVERSITY IN THE NATURAL PARK OF MARAMUREȘ MOUNTAINS

Hapca A.

WATER QUALITY OF SOME LAKES IN OLTENIA AREA

Gavrilescu E., Popescu S.M., Buzatu G.D.

DEVELOPMENT OF IRON- AND SULPHUR-OXIDIZING BACTERIA IN TAILINGS PONDS AND THEIR INFLUENCE ON ACID MINE DRAINAGE

Jelea O.C., Jelea M.

POLYCYCLIC AROMATIC HYDROCARBONS IN SEWAGE SLUDGE FROM CLUJ-NAPOCA WASTEWATER TREATMENT PLANT

Alhafez L., Muntean N., Muntean E., Ristoiu D.

THE SALTY LAKES OF OCNA SIBIULUI. PAST. PRESENT. FUTURE

Mihaiescu T., Cuc M., Mihaiescu M.A.

HEAVY METALS IN SOME COMMERCIAL HERBAL TEAS

Muntean N., Muntean E., Creta C., Duda M.

ASSESSMENT OF YOUNG TREE RESISTANCE AGAINST EXTREME TEMPERATURES

Covrig I.

ASSESSMENT OF SOME HEAVY METALS CONTENT IN *EVERNIA DIVARICATA* THALLUS GROWING ON SPRUCE AT DIFFERENT ALTITUDES IN BUCEGI MOUNTAINS

Busuioc G., Silaghi D., Elekes C.C., David I., Dumitru I.

SECTION 3: Food Science and Technology

Hall: A2 Rectorate building (map 1)

14:30 – 19:00 ORAL PRESENTATIONS

Chairman: Prof.dr. Klaus LOESCHE
Moderator: Prof.dr. Barbara HINTERSTOISSER
Lecturer dr. Elena MUDURA
Assoc. prof. dr. Dorin TIBULCA
Secretary: Assist. dr. Vlad MURESAN

NOVEL PROCESSING FOR MIXING AND LAMINATION OF WHEAT-DOUGH–FULLY CONTINUOUS OPERATING INDUSTRIAL DOUGH-PROCESS-

Börsmann J., Gross F., Delgado A., Zeh R., Endrass B., Mathis W., Fehner D., von Barga M., Lösche K.

PRELIMINARY RESEARCH REGARDING HIGH GRAVITY BREWING IN THE PILOT STATION USAMV CLUJ-NAPOCA

Borşa A., Mudura E., Hădărean Munteanu V.V., Muste S., Cerbu (Mureşan) A., Vlaic R..

NUMERICAL MODELING OF CFD MODEL APPLIED TO A HAMMER MILL

Budăcan I., Deac I.

SIZE DISTRIBUTION OF WHEAT MILLED PARTICLES OBTAINED BY USING A HAMMER MILL

Budăcan I., Drocaş I., Pop D.

FOOD CONSUMPTION IN ROMANIA – QUANTITATIVE AND QUALITATIVE ASPECTS OF FOOD SECURITY

Gavrilă V., Kruzlicika M., Chirişescu V.

RESEARCH ON THE PROGRESS OF MICROBIOLOGICAL PARAMETERS DURING THE RIPENING OF TWO KINDS OF SEMI-HARD CHEESE

Jimborean M., Tibulca D.

THE INFLUENCE OF HAMMER TYPE USED IN GRINDING MILLS ON GRIST FINENESS

Muntean M.V., Marian O., Ranta O., Drocaş I., Catunescu G.M.

THE INFLUENCE OF PALM OIL ADDITION ON SUNFLOWER HALVA STABILITY AND TEXTURE

Mureşan V., Danthine S., Racolţa E., Muste S., Blecker C., Borşa A., Mureşan E.A.

QUALITY CONTROL OF WILD BERRIES HONEY SYRUP

Hîngan A.M., Muste S., Stan L.

STUDY ON THE VALORIFICATION OF *LYCIUM BARBARUM* FRUIT (GOJI) IN PASTRY PRODUCTS

Pop A., Muste S.

NEW TREND ON HALVA PRODUCTION: DIETETIC HALVA AND NOUGAT. PRODUCTION, TECHNOLOGY AND COMPOSITIONS

Racolţa E., Mureşan V., Ţicrea L.

THE INFLUENCE OF STUNNING METHOD, REFRIGERATION AND FREEZING TIME ON THE RHEOLOGICAL AND TEXTURAL PROPERTIES OF RAW MEAT

Tudoreanu L.

RYE FLOUR EFFECTS ON GINGERBREAD DOUGH RHEOLOGY

Tulbure A., Ognean M., Ognean C.F., Danciu I.

CONVECTIVE AIR DRYING CHARACTERISTICS FOR THIN LAYER CARROTS

Veleşcu I.D., Ţenu I., Cârlescu P., Dobre V.

REVALUATION OF WASTE YEAST FROM BEER PRODUCTION

Suruceanu N., Socaci S., Coldea T., Mudura E.

STUDY ON PROBIOTIC ICECREAM

Coţa C., Stănilă A.

POLARIMETRIC DETERMINATION OF STARCH IN RAW MATERIALS AND DISCHARGED WASTE FROM BEER PRODUCTION

Fărcaş A., Tofană M., Socaci S., Scrob S., Salanţă L., Borş D.

**EVALUATION OF EXTRACTION METHODS FOR THE ANALYSIS
OF CAROTENOIDS FOR DIFFERENT VEGETABLE MATRIX**

Scrob S., Muste S., Mureşan C., Fărcaş A., Socaci S., Vlaic R.

SECTION 4: Horticulture and Forestry
Biodiversity, Fruit Tree Growing, Viticulture and Forestry

Hall: A5 - Rectorate building (map 1)

15:00 – 19:00 ORAL PRESENTATIONS

Chairman: Prof. dr. Viorel MITRE
Moderators: Prof. dr. Oscar VICENTE
Prof. dr. Jaime PROHENS
Prof. dr. Enrique GARZÓN JIMENO
Assoc. Prof. dr. Mirela CORDEA
Secretary: Drd. Ing. Andreea TRIPON

IS IT POSSIBLE TO COMBINE HIGH CONTENT IN PHENOLICS WITH LOW BROWNING IN FRUITS AND VEGETABLES? A CASE IN EGGPLANT

Prohens J., Plazas M., Gramazio P., Andújar I., Hurtado M., Herraiz F.J. and Vilanova S.

HALOPHYTIC CROPS FOR A SALINISING WORLD

Boscaiu M. and Vicente O.

THE SOIL: A QUALITY FACTOR IN GRAPE CROPPING

Garzón E and Olego M.A.

EFFECT OF TWO MEDICINAL PLANT RESIDUES, *SIDERITIS SCARDICA* AND *ECHINACEA PURPUREA*, ON WEED FLORA IN ORGANIC SUNFLOWER CROP

Douros N., Angelopoulou F., Papastylianou P., Papatheohari Y., Konstantas A., Bilalis D.

DISTRIBUTION OF MOLECULES BY KINETIC ENERGY REVISITED

Fodor M.P., Bolboacă S.D., Jäntschi L.

EFFECT OF ORGANIC, BIODYNAMIC AND CONVENTIONAL FARMING SYSTEMS IN SELECTED SOIL PARAMETERS OF VARIOUS CROPS

Angelopoulou F., Papastylianou P., Konstantas A., Bilalis D.

GABA IN GRAPEVINES - IS IT ONLY A STORAGE COMPOUND FOR NITROGEN AND/OR AN IMPORT STRESS AND QUALITY INDICATOR?

Schaller K.

OPPORTUNITIES IN YIELD REDUCTION AND QUALITY IMPROVEMENT IN THE VINEYARD DUE TO PROCESS ENGINEERING

Schwarz H.P., Rüger P.

QUALITATIVE TESTING OF MON 810 TRANSFORMATION EVENT IN DIFFERENT FOOD MATRICES

Sisea C.R., Husar L.M., Pamfil D.

MOLECULAR CHARACTERISATION OF ROMANIAN GRAPEVINE CULTIVARS USING NUCLEAR MICROSATELLITE MARKERS

Hârța M., Pamfil D.

OPTIMIZATION OF DNA EXTRACTION AND PCR AMPLIFICATION PROTOCOLS USING THE MODEL PLANT *ARABIDOPSIS THALIANA*

Ciuzan O., Pamfil D.

IN VITRO PROPAGATION OF SOME PAULOWNIA SPECIES

Clapa D., Fira Al., Vasu L.B., Buduroi D.

STUDIES REGARDING THE MICROPROPAGATION OF SOME BLACKBERRY CULTIVARS

Fira Al., Clapa D., Simu M., Rakosy-Tican E.

MOLECULAR CHARACTERISATION OF SOME CARNIVOROUS PLANTS USING RAPD MARKERS

Pop R., Rânba E., Hârța M.

SECTION 4: Horticulture and Forestry
Vegetables Growing, Floriculture and Landscape Design

Hall: H18 – Horticulture Building (map 10)

15:00 – 19:00 ORAL PRESENTATIONS

Chairman: Prof. dr. Maria APAHIDEAN
Moderators: Prof. dr. Roman HOLUBOWICZ
Assoc. Prof. dr. Adelina DUMITRAȘ
Lecturer dr. Erszebet BUTA
Secretary: Drd. Ing. Iulia BĂRBUȚĂ

THE EFFECT OF CULTIVATION WAYS ON SELECTED MORPHOLOGICAL CHARACTERS OF BITTER GOURD (*MOMORDICA CHARANTIAL.*) TRANSPLANTS AND PLANTS, FRUIT YIELD AND ITS CHEMICAL CONTENT

Fohs A., Krejpcio Z., Król E., Xiong R., Holubowicz R.

LUXURY HOTELS LANDSCAPE ARCHITECTURE

Dumitraș A., Boancă P., Pop D., Laczi E.

EFFECTS OF SOME TECHNOLOGICAL SEQUENCES AND ENVIRONMENTAL FACTORS ON PLANT DEVELOPMENT AND YIELD OF KALE (*BRASSICA OLERACEA VAR. ACEPHALA*)

Balcău S.L., Apahidean M., Zaharia A., Gocan T., Boca D.F.

HERITABILITY OF QUANTITATIVE TRAITS WITH AN IMPORTANT ROLE FOR IMPROVING GLADIOLUS HYBRIDUS ASSORTMENT

Horț D.A., Cantor M., Buta E.

RESEARCHES CONCERNING THE BEHAVIOR OF SOME ROSES CULTIVARS IN GREENHOUSES

Conțiu I. and Cantor M.

INTEGRATED SYSTEM IN LANDSCAPING DESIGN: SIMPLICITY OR COMPLEXITY?

Boancă P.I. , Dumitraș A., Bors-Oprișă S., Laczi E., Tomos C., Nistor R.

RESEARCHES REGARDING THE WATER LOSS FROM SUBSTRATES OF VERTICAL GARDEN SYSTEMS PLACED IN EXTERIOR

Nistor R., Dîrja M., Dumitraş A., Boancă P.

STUDIES REGARDING THE VARIETY AND PLANTING DENSITY INFLUENCE UPON THE GROWTH, DEVELOPMENT AND YIELD OF CHINESE CABBAGE (*BRASSICA CAMPESTRIS* VAR. *PEKINENSIS* (LOUR.) *OLSON*)

Laczi E., Apahidean A.S., Dumitraş A., Boanca P., Apahidean A.I., Tomoş C.

THE USE OF ORNAMENTAL PLANTS IN INDOOR SPACES WITH PSYCHOLOGICAL BENEFITS ON EMPLOYEES

Husti A., Cantor M., Buta E., Singureanu V.

ECONOMIC EFFICIENCY OF EGGPLANT CULTURE UNDER THE INFLUENCE OF SOME TECHNOLOGICAL FACTORS

Bărbuță I., Măniuțiu D., Balcău S.

SECTION 5: Economics and Rural Development

Hall: H21 – Horticulture Building (map 10)

15:00 – 19:00 ORAL PRESENTATIONS

Chairman: Prof. dr. Gabriele CANALI
Moderators: Assoc. Prof. dr. Felix ARION
Lecturer dr. Diana DUMITRAȘ
Lecturer dr. Mugurel JITEA
Secretary: Lecturer dr. Alexandru SIMU

TOWARDS A MORE SUSTAINABLE DEVELOPMENT OF THE EUROPEAN AGRI-FOOD SYSTEM: THE ROLE OF EU POLICIES

Canali G.

QUALITY ESTIMATION OF TRAINING COURSES USING SERVQUAL MODEL

Arion F., Muresan I., Merce E.

THE IMPACT OF THE PERSONAL DIRECT INCOME TAX ON THE ROMANIAN AGRICULTURE. A CRITICAL ANALYSIS

Jitea I.M., Dumitraș D.E., Pocol C.B.

AGRITOURISM - A POTENTIAL LINKAGE BETWEEN LOCAL COMMUNITIES AND PARKS TO MAINTAIN SUSTAINABILITY

Dumitras D.E., Muresan I.C., Ilea M., Jitea I.M.

THE RESIDENTIAL FUNCTION OF THE COUNTRYSIDE AND THE DEVELOPPEMENT OF THE PERI-URBAN AREA OF CLUJ-NAPOCA CITY

Pocol C.B. and Jitea I.M.

ASSESSING CONSUMER PREFERENCES AND ATTITUDES TOWARDS SEA BUCKTHORN PRODUCTS: A CASE STUDY IN ROMANIA

Cordoș G.L., Dumitras D.E.

SOCIO -ECONOMIC ASPECTS IN SUBSISTENCE HOUSEHOLD FARMS FROM CLUJ COUNTY

Mihai V., Jitea I.M., Paulini I., Mihai M.

STUDY REGARDING RURAL GUESTHOUSE AND TOURISTS' SATISFACTION

Mureşan I., Arion F., Harun R

EXPLORATORY STUDY REGARDING THE CONSUMER MOTIVATIONS FOR PURCHASING LOCAL PRODUCTS AND THEIR GENERALLY ACCEPTED DEFINITION

Chiciudean D., Funar S. and Chiciudean G.

CUSTOMER SEGMENTATION BY ATTRIBUTES CONSIDERED IMPORTANT DURING THE BUYING DECISION-MAKING PROCESS FOR CHEESE

Chiciudean G. and Chiciudean D.

A NEW DEFINITION OF SINGLETON PROBABILITY FOR CONTINUOUS PROBABILITY DISTRIBUTIONS

Merce C.C.

SECTION 6 - 7: Animal Science and Biotechnology

Hall: A₁ – Rectorate Building (map 1)

15:00 – 16:30 ORAL PRESENTATION

Chairman: Prof. DHC André THEWIS
Moderators: Prof. DHC Robin F.A. MORITZ
Prof. DHC Liviu Al. MĂRGHIȚAȘ
Prof. Assoc. dr. Mirela E. CADAR
Secretary: Lect.dr. Anamaria VÂTCĂ
Asist.dr. Ancuța ROTARU

SCIENCE OF SUSTAINABILITY: A POSSIBLE STRATEGY TO ENHANCE RESILIENCE TO CLIMATE AND ECOSYSTEM CHANGES

Grego S.

TO BRIDGE THE GAP BETWEEN RESEARCH DATA AND ECONOMICAL EFFICIENCY: THE CASE OF THE LIPASE OF *YARROWIA LIPOLITYCA*

Thonart P., Delvigne F., Alloue W.A.M., Weekers F. and Destain J.

ANTIBACTERIAL ACTIVITY OF PROPOLIS ON *STAPHYLOCOCCUS AUREUS* AND *ESCHERICHIA COLI*

Mărghitaș L. Al., Aurori C., Dezmirean D., Aurori A. and Moritz R. F. A.

THE INFLUENCE OF ROSEMARY, SEA BUCKTHORN AND GINGER ON OXIDATIVE STRESS AT *OREOCHROMIS NILOTICUS* REARED IN A RECIRCULATING AQUACULTURE SYSTEM

Antache A., Cristea V., Grecu I. R., Plăcintă S. and Mocanu (Crețu) M.

BACTERIAL AGENTS (*Staphylococcus aureus*, *Streptococcus* sp., *Escherichia coli*) IN BOVINE MASTITIS - A MOLECULAR APPROACH

Aurori C., Dezmirean D. and Mărghitaș L. Al.

STUDY OF NITROGEN CYCLE IN AN INTEGRATED AQUAPONIC SYSTEM WITH DIFFERENT PLANT DENSITIES

Petrea Șt. M., Cristea V., Dediu L., Contoman M., Ion (Plăcintă) S., Mocanu (Crețu) M. and Antache A.

GENETIC PARAMETERS OF *CSN2*, *CSN3* AND *LGB* GENES AND THEIR EFFECT ON MILK YIELD AND QUALITY TRAITS IN *HOLSTEIN-FRIESIAN* COWS

Bugeac T., Bălteanu V.A., Creangă Șt., Maciuc V.

THE ANTIVIRAL EFFECT OF PROPOLIS AND ITS COMPOUNDS

Aurori A., Dezmirean D., Mărghitaș L. Al. and Moritz R.F.A.

EVALUATION OF PHOSPHORUS LEVEL IN GREEN LETTUCE CONVENTIONAL GROWN UNDER NATURAL CONDITIONS AND AQUAPONIC SYSTEM

Blidariu F., Drașovean A. and Grozea A.

THE CONTAMINATION LEVEL OF THE POULTRY CARCASSES DURING THE SLAUGHTERING FLOW

Ciobanu M.M., Lazăr R., Apetroaei (Petrescu) C.A., Găină (Diaconu) N., Postolache A.N. and Boișteanu P.C.

16:30 – 17:00 COFFEE BREAK

17:00 – 19:00 ORAL PRESENTATIONS

EFFECT OF THE DIETARY BY-PRODUCT GRAPE SEED CAKE ON PERFORMANCES AND CARCASS QUALITY OF TOPIGS PIGS

Ciucă (Lefter) N., Hăbeanu M., Chedea S.V., Ciurescu G., Drăgotoiu D. and Gheorghe A.

EFFECT OF THE DIETARY BY-PRODUCT *CAMELINA* MEAL ON PERFORMANCES AND CARCASS QUALITY OF TOPIGS PIGS

Ciucă (Lefter) N., Hăbeanu M., Ciurescu G., Drăgotoiu D., Gheorghe A.

RESULTS CONCERNING THE FATTENING PERFORMANCES AND CARCASS TRAITS IN YOUNG SHEEP HYBRID *NORWEGIAN WHITE* x *TZURCANA* AND *TZURCANA* BREED

Vlaic A., Nagy B., Vlaic B., Mireșan V. and Banyai F.

HEMATOLOGICAL CHANGES IN NILE TILAPIA (*Oreochromis niloticus*), CHARACTERISTIC GROWTH ENVIRONMENT

Bucur C., Radu D., Gheorghe C. and Costache M.

STUDIES REGARDING THE INFLUENCE OF ORGANIC AND MINERAL FERTILIZATION ON THE PERMANENT GRASSLAND FROM MARAMUREȘ DEPRESSION - PETROVA

Criste D., Mihai G., Sima N., Medrea I., Botiș A. and Sima R.

COMPARISON OF PHYSICAL-CHEMICAL PARAMETERS IN ROYAL JELLY FROM ROMANIA AND BULGARIA

Balkanska R., Mărghitaș L. Al., Pavel C.I., Ignatova M. and Tomoș L.

EFFECT OF STOCKING DENSITY ON GROWTH PERFORMANCE AND HEMATOLOGICAL PROFILE OF STELLATE STURGEON (*A. stellatus*, Pallas, 1771) FINGERLINGS REARED IN AN INDUSTRIAL "FLOW-THROUGH" AQUACULTURE SYSTEM

Dicu (Stroe) M.D., Cristea V., Măreanu M., Dediu L. and Petrea Șt.M.

ANTISPASMODIC AND HYPOGLYCEMIC EFFECTS OF AQUEOUS EXTRACT OF *AJUGA IVA* L. IN INDUCED DIABETIC RATS

Rouibi A., Khali M., Saidi F. and Cherif H.

STATISTICAL APPROACHES IN IDENTIFYING RELATIONSHIPS IN DISEASE BACKGROUND PARAMETERS USING MULTIPLE CORRESPONDENCE ANALYSES: CASE OF ATOPIES IN RELATION TO ASTHMA

Brahim Errahmani M., Mohamed Said R., Habraoui F. and Boukari R.

SECTION 8: Fundamental and Preclinical Sciences
Plenary session

Hall: Blue Hall - Veterinary Medicine (map 5)

12:00 – 13:30 INVITED SPEAKERS

Chairman: Prof. Cornel CATOI
Moderators: Prof. Henrik Hans DIETZ
Prof. Liviu MIRON
Prof. Gabriel PREDOI
Secretary: Assoc. Prof. Sorin DAN
Assist. Univ. Pompei BOLFA

**EVALUATION AND ACCREDITATION OF VETERINARY
SCHOOLS: WHY IS IT IMPORTANT AND HOW CAN WE ACHIEVE
THE HIGHEST STANDARDS?**

Hans Henrik Dietz

THE VALUE OF EQUINE SCIENCE AND MEDICINE FOR SOCIETY

René Van Den Hoven

**IN VITRO FERTILIZATION RATES IN OOCYTES DERIVED FROM
SPANISH BULLFIGHTING COWS**

Miguel Millán Moreno, Demyda Peyrás S

OF MAN AND BEAST

Pip Boydell

NEWS CONCERNING PARATUBERCULOSIS IN CATTLE

Walter Baumgartner

SECTION 8: Fundamental and Preclinical Sciences

Hall: Blue Hall - Veterinary Medicine (map 5)

14:30 – 16:30 ORAL PRESENTATIONS

Chairman: Prof. Miguel Moreno MILAN
Moderators: Prof. Tolga GUVENC
Lect. Dana PUSTA
Assoc. Prof. Mihai CERNEA
Secretary: Assoc. Prof. Bogdan SEVASTRE
Assist. Univ. Marian TAULESCU

PROTECTIVE ACTIVITY OF POLYPHENON E AGAINST LIVER PROTEIN OXIDATION IN RATS AFTER MNU I.P. ADMINISTRATION

Andrei S. *, Pinteaa A., Ruginã D., Ștefănuț (Cernea) C., Bunea A., Gal A.F.

INVESTIGATIONS OF THE METABOLIC PROFILE IN A GROUP OF CATS DURING A BIOEQUIVALENCE TEST

Arion Al., Benedek B., Imre M, Ștefănuț C., Barabási I., Vlasiu A, Ognean L

STUDY OF THE RELIABILITY OF TECHNOLOGY DIAGNOSIS OF THE BRUCELLOSIS

Bachir Pacha M., Menoueri M.N., Mohamed Said R, Triki Yamani R.R., Bouyoucef A.

MORPHOMETRIC CONSIDERATIONS ON THE GENITAL APPARATUS OF REPRODUCTION BOVINES

Bardas S, Blendea Al., Irimescu I., Crisan M., Martonos C., Tuns Damian A.

MORPHOMETRIC CHARACTERIZATION OF THE CATTLE REPRODUCTIVE SYSTEM IN SEVERAL SLAUGHTERED SPECIMENS

Bardas S., Blendea Al., Damian A.

**ORAL AND INTRAPERITONEAL ACUTE TOXICITY STUDIES OF
ROSMARINUS OFFICINALIS AND *ORIGANUM
VULGARE* EXTRACTS IN MICE**

Bedecean I., Sevastre B., Sarpataki O., Vidrighinescu R., Marcus I.

**ILLEGAL ADMINISTRATION OF HORMONAL GROWTH
PROMOTERS IN CATTLE - PROSTATIC HISTOLOGICAL
SCREENING**

Binanti D., Riccaboni P., Grieco V.

**STUDIES REGARDING COMPARATIVE ASPECTS OF THE
SPLAHCNOCRANIUM IN THE BROWN BEAR (*URSUS ARCTROS*)
AND LION (*PANTHERA LEO*)**

Blendea Al.*, Gudea A., Irimescu I., Crişan M., Dezdrobitu C.,
Martonos C., Bardaş S., Damian, A.

**AN EPISODE OF PROLIFERATIVE HEMORRHAGIC
ENTEROPATHY ASSOCIATED WITH LAWSONIA INTRA-
CELLULARIS IN A PIG FARM FROM ROMÂNIA**

Bolfa P., Turicea B., Nagy A., Cătoi C., Tăbăran F.

**BIOCHEMICAL AND HEMATOLOGICAL PROFILE INSIDE A CATTLE
EFFECTIVE**

Botezatu A, Vlagioiu C, Orasanu A, Codreanu M.

**DETERMINATION OF THE CHEMICAL COMPOSITION AND THE
ANTIBACTERIAL PROPERTIES OF THE GEL EXTRACTED FROM
THE LEAVES OF ALOE VERA L (*ALOE BARBADENSIS* MILL.)**

Bradea M.S., Abdul-Hussain M.S., Kebbas S.

**HISTOLOGICAL FINDINGS AFTER NERVE GRAFTING INTO
THE SPINAL CORD IN RATS**

Catoi C., Von Wild T., Von Wild K., Trillenber P., Heidbreder M.,
Muresanu D., Mailänder P., Miclaus V., Tabaran F., Farcas L.

16:30 – 17:00 COFFEE BREAK

17:00 – 19:00 ORAL PRESENTATIONS:

Chairman: Prof. Sylvain BELLIER
Moderators: Prof. Valeria GRIECO
Lect. Nicodim FIT
Assoc. Prof. Alexandru GUDEA
Secretary: Assoc. Prof. Sanda ANDREI
Assit. Univ. Andrei SZAKACS

**“DNA BARCODE” AS TOOL FOR FISH SPECIES IDENTIFICATION:
INTERLABORATORY METHOD'S VALIDATION**

Ferrari A., Razzuoli E., Vito G., Magi E., Pistarino E., Tiso M.

**CORRELATIONS BETWEEN INOS EXPRESSION, CHRONIC
INFLAMMATION AND BMI IN HUMAN OBESE PATIENTS**

Cătoi AF., Bolfă P., Gal F., Taulescu M., Cătoi C., Borza G

**HISTOPATHOLOGICAL STUDY REGARDING THE INFLUENCE OF
AD DIEE BIOPHYTOMODULATORS ON ARTICULAR CARTILAGE
REGENERATION USING A LEPORID MODEL**

Crecan C, Oros D., Tăbăran F., Oana L., Dincă A.

**NEUROPROTECTIVE EFFECTS OF QUERCETIN, LYCIUM
BARBARUM AND CHITOSAN AGAINST THE OXIDATIVE STRESS
INDUCED BY EXPOSURE TO HYPOBARIC HYPOXIA**

Dumitrovici A., Bolfă P., Mureșan A., Marton A., Moldovan R., Vlad D.,
Chiș I.

**STUDY REGARDING TWO METHODS OF PROCESSING AND
PRESERVING BIRD SKELETONS**

Dumitru I., Trâncă S., Martonoș C., Silaghi F., Tuns F., Damian A.

**COMPARATIVE TESTING OF ANTIMICROBIAL ACTIVITY OF
AQUEOUS EXTRACTS OF ALOE VERA AND LYCIUM BARBARUM**

Fit N., Chirilă F., Nadăș G., Pall E., Mureșan R.

**PERFORMANCE OF SOME VARIABLES USED AS A PROCEDURE
FOR ESTIMATING SEXUAL CAPACITY (FERTILITY) OF THE RAM**

Focșăneanu V., Bogdan L., Blaga Petrean A., Andrei S., Bogdan S.

EVALUATION OF THE LEVEL SELECTION AND FUNCTIONAL MATURATION OF THE T CELLS IN THE BLOOD OF PIGS, DEPENDING ON AGE OF THE ANIMAL

Gâjâilă G, Cotor G, Gâjâilă I.

DETERMINATION OF RELATIONSHIPS BETWEEN MILK COMPOSITION AND CHEESE YIELD USING PRINCIPAL COMPONENT ANALYSIS AND LOGIT MODEL

Gâjâilă I, Dobrea M., Gâjâilă G., Cotor G.

MICROMORPHOLOGICAL QUANTITATIVE ASSESMENT OF SHEEP (OVIS ARIES), GOAT (CAPRA HIRCUS) AND ROE DEER (CAPREOLUS CAPREOLUS) COMPACT BONE

Gudea A., Martonos C, Stan F, Dezdrobitu C, Damian A

DERMATITIS INTERDIGITALIS AND DERMATITIS DIGITALIS, THE GREAT PROBLEMS OF CATTLE PRODUCTION

Hadžićivanka, Ivan Pavlović, Vojin Hudina, Gordana Anđelić Buzadžić, Jovan Bojkovski

LIGHT INFLUENCE ON CHROMATOPHORES ACTIVITY IN POECILIA RETICULATA

Hărșan R, Ognean L., Nica Cezara

SECTION 9: Clinical Sciences Section

Hall: Council Hall – Veterinary Medicine (map 5)

14:30 – 16:30 ORAL PRESENTATIONS

Chairman: Prof. Rene VAN DEN HOVEN

Moderators: Prof. Carlos Jose Nieto ESTEPA

Prof. Gheorghe SOLCAN

Lect. Mircea MIRCEAN

Secretary: Assoc. Prof. Cristian MAGDAS

Assist. Univ. Iuliu SCURTU

NEURONAL DEGENERATION IN PRION DISEASE: TOWARDS A MECHANISM

Bate C., Williams A

SOME FACTORS INFLUENCING THE MICROBIOLOGICAL INSEMINATION OF BOVINE CARCASSES DURING SALE PERIOD

Antoci, R.

ISOLATION OF *TOXOPLASMA GONDII* STRAIN FROM PIGLETS WITH CONGENITAL TOXOPLASMOSIS (A CASE REPORT)

Balea A., Paștiu A.I., Györke A., Magdaș C., Baciu H., Cozma V.

SISTHEMATIC APPROACH OF PLEURAL EFFUSIONS IN DOMESTIC CARNIVORES: 51 CASES - CLINICAL, IMAGISTIC, MICROBIOLOGICAL AND CYTOLOGICAL FINDINGS

Barbazan C, Gavrilas E, Baisan A, Tipisca V, Daraban C, Ancuta A, Lipovan I, Vulpe V.

MANAGEMENT OF PENILE PROLAPSE IN REPTILES: THREE CASE REPORTS

Bel L, Peștean C., Ober C, Codea R., Oana L.

EXPRESSION OF RECEPTOR TYROSINEKINASES IN CANINE MAMMARY GLAND TUMOURS

Szabó B, Zsófia Koltai, Vajdovich P.

**TOPICAL TREATMENT OF CHRONIC SUPERFICIAL
KERATITIS(CSK) IN A GERMAN SHEPERD DOG – A CASE REPORT**

Beteg F., Muste A., Hodiş L., Stroe T., Dîrle I.

**MORPHOLOGICAL CHANGES IN THE KIDNEYS OF PIGS CAUSED
BY OCHRATOXIN-FEEDING ON THE SLAUGHTER HOUSE (CASE
REPORT)**

Bojkovski J., Rogožarski D., Vasiljević T., Stojanović D., Savić B.,
Pavlović I., Relić R., Janjušević J.

**PHOSPHATIDYLCHOLINE - AS CRITERION OF REPRODUCTIVE
HEALTH**

Boronciuc Gh., Buzan V., Cazacov I., Bucarciuc M., Balan I., Mereuța I.,
Roșca N.

**RETROBULBAR NERVE BLOCK FOR INTRAOCULAR SURGERY IN
THE DOG**

Boydell P.

FIRST BITE SYNDROME

Boydell P.

**HEMATOLOGIC ASPECTS IN CHRONIC KIDNEY DISEASE (CKD)
IN DOGS**

Bradea A., Codreanu M., Vlagioiu C., Simion V.

**PROTECTIVE EFFECT OF ERGOTHIONEINE ON DNA DAMAGE
OF POST-THAWED MERINO RAM SPERM**

Bucak M., Cayan K., Başpinar N., Taşpinar M.

16:30 – 17:00 COFFEE BREAK

17:00 – 19:00 ORAL PRESENTATIONS:

Chairman: Prof. Walter Baumgartner
Moderators: Assoc. Prof. Peter Vajdovich
Assoc. Prof. Sorin Morariu
Prof. Ioan Groza
Secretary: Assoc. Prof. Mihai Cenariu
Assoc. Prof. Alexandru Pop

DEVELOPMENT OF PCR ASSAY WITH INTERNAL CONTROL FOR DETECTION OF *CHLAMYDOPHILA ABORTUS*

Cantekin Z., Solmaz H., Ergün Y., Özmen M.

ENDOTHELIAL DIFFERENTIATION OF MOUSE MESENCHYMAL STEM CELLS

Cenariu M., Pall E., Parlapan L., Groza I.

PREVALENCE OF *ECHINOCOCCUS GRANULOSUS* LARVA IN DOMESTIC ANIMALS IN THE REPUBLIC OF MOLDOVA

Chihai O., Erhan D., Tălambuța N., Melnic G., Zamormea M, Mereuță M.

CONTRIBUTIONS OF MODELLING SYSTEMS IN CARDIO-VASCULAR DISEASES PREVENTION

Corbeanu C., Mihaiu M., Dan S.D., Jecan S., Lapusan Al., Jecan C.

IDENTIFICATION OF PORK DNA IN BEEF PRODUCTS FOUND ON A REGIONAL MARKET

Cordiș I.V., Mihaiu M., Lăpușan Al., Jecan C., Dan S.D., Cordead.V.

HISTOPATHOLOGICAL STUDY REGARDING THE INFLUENCE OF AD DIEE BIOPHYTOMODULATORS ON ARTICULAR CARTILAGE REGENERATION USING A LEPORID MODEL

Crecan C., Oros D., Tăbăran F., Oana L., Dincă A.

DIFFERENTIAL ALTITUDINAL AND SEASONAL DISTRIBUTION OF TICKS IN DOGS OF NOMADIC TRIBES FROM NORTHERN KENYA

D'amico G., Dumitrache M.O., Široky P., Domșa C., Balázs R., Modrý D., Mihalca A.D.

COMPARATIVE STUDY OF ELISA AND AGID FOR THE DETECTION OF ANTIBODIES AGAINST RABBIT HAEMORRHAGIC DISEASE VIRUS

Dan M., Băraițăreanu S., Daneș D.

MICROBIAL RISK ASSESSMENT IN THE MAIN STEPS OF POULTRY SLAUGHTER

Dan S.D., Platon S., Mihaie M., Jecan C., Cordea D., Cordiș I., Lăpușan Al.

STUDY OF BILE TOLERANCE OF TWO *LACTOBACILLUS SALIVARIUS* STRAINS ISOLATED FROM DENTAL ROOT CANAL AND SOME PROBIOTIC *LACTOBACILLUS* STRAINS

Dobrea (Popescu) A.A., Savu C., Dobrea M., Păunescu I., Savu O., Murariu G., Georgescu G.

EFFICACY OF *ARTEMISIA ANNUA* AGAINST *EIMERIA* SPP. INFECTION IN BROILER CHICKENS IN A BATTERY TRIAL

Drăgan L., Györke A., Ferreira J.F.S., Pop A.I., Drăgan A., Dan I., Pop L., Mircean V., Cozma V.

USEFULNESS OF THE ULTRASONOGRAPHIC EXAMINATION OF THE VENTRAL CERVICOFACIAL AREA TO DIAGNOSE THYROID GLAND PATHOLOGIES IN THE HORSE: A RETROSPECTIVE STUDY

Estepa J.C., Mendoza F.J., Pérez-Écija R.A., Millán Y., Gómez-Laguna J., Santisteban J.M., Espinosa De Los Monteros A., Martín De Las Mulas J.

**SECTION 10: Land Measurement, Natural and Humanistic Sciences
*Mathematics and Statistics, Computer science and Multimedia, Biophysics
and Agro-meteorology, Building engineering, Land improvement, Cadastre
and Irrigated crops, Mathematics and Statistics.***

Hall: A7 - Aula Building (map 4)

15:00 – 19:00 ORAL PRESENTATIONS

Chairman: Prof. dr. Mircea ORTELECAN
Moderators: Prof. dr. Nicolae DIMA
Prof. dr. Maricel PALAMARIU
Assoc. Prof. Ioel VERES
Secretary: Dr. Ing. Tudor SALAGEAN

MONITORING THE BEHAVIOR OF THE TAILING PONDS

Popa A. and Palamariu M.

ROAD SURVEYING USING A MOBILE LASER SCANNING SYSTEM

Ștefan N., Marian D.P., Vereș I.S.

**ASPECTS REGARDING THE IMPLEMENTATION OF THE
SUPPORT NETWORK IN COJOCNA DIDACTIC BASE USAMV**

Ortelecan M., Pop I., Joldis R., Budiu V.

**VULNERABILITY OF THE SOMEȘ MIC MEADOW IN TERMS OF
HYDROLOGICAL AND HYDROGRAPHICAL**

Dirja M., Sălăgean T., Ortelecan M., Hoble A. and Ion V.

**RESEARCHES REGARDING THE INFLUENCE OF IRRIGATION ON
VITAMINS CONTENT AT CELERY (*APIUM GRAVEOLENS VAR.
RAPACEUM*)**

Luca E., Tamas D.V., Luca L.C., Hoble A., Micu O. and Varga N.

**INFLUENCE OF CLIMATIC CONDITIONS ON EXCESS MOISTURE
AT SURFACE AND IN SOIL FROM SOMEȘ MIC MEADOW**

Sălăgean T., Dirja M., Ortelecan M., Hoble A. and Ion V.

**MANUFACTURE OF ECOLOGICAL MORTARS BY THE RECYCLING
OF CORK AND SAWDUST WASTE**

Aciu C., Tamas-Gavrea R., Munteanu C.

ASPECTS OF SOLAR RADIATION ANALYSIS USING ARCGIS

Cioban A., Criveanu H., Pop I., Rotaru A

USE OF TERRESTRIAL LASER SCANNING IN THE STUDY OF SOIL EROSION

Bădescu R., Bădescu G., Dirja M., Ortelecan M., Stefan O., Pop N., Sălăgean T., Hoble A.

USING GLOBAL POSITIONING SYSTEMS AND ROMANIAN POSITION DETERMINATION SYSTEM IN THE STUDY OF SOIL EROSION ROMPOS

Bădescu G., Bădescu R., Dirja M., Ortelecan M., Stefan O., Pop N., Sălăgean T., Hoble A.

PERSPECTIVE IN LAND RECLAMATION CADASTRE IN ROMANIA

Laszlo B. and Ciotlăuș A.

ADVANTAGES AND LIMITS OF INTERPOLATION TECHNIQUES USED FOR GENERATING DIGITAL ELEVATION MODEL IN 3D ANALYSIS

Matei F., Pop I.D., Sobolu R., Rus C.O. and Cioban A.

ITERATIVE METHODS FOR MAXIMUM LIKELIHOOD ESTIMATION OF PARAMETERS IN LINKAGE

Sobolu R., Pusta D., Pop I., Matei F.

USING GIS TECHNOLOGY BY CREATING AN ORIGIN-DESTINATION COSTS MATRIX FOR SOLVING LOGISTIC PROBLEMS

Rotaru A.S., Pop I., Matei F., Andronie L., Vătcă A., Cioban A.

A FUZZY INFERENCE SYSTEM FOR MODELING THE LACTIC ACID FERMENTATION PROCESS

Gorghiu G., Buruleanu C.L. and Nicolescu C.L.

SECTION 10: Land Measurement, Natural and Humanistic Sciences
Pedagogy and methodics, Applied languages in agriculture

Hall: 24 – Faculty of Horticulture (map 4)

15:00 – 19:00 ORAL PRESENTATIONS

Chairman: Prof. dr. Rodica Silvia STAN
Moderators: Prof. dr. Marinela GRANESCU
Lecturer dr. Nicoleta GUDEA
Secretary: Assistant Sorana ADAM

**LEARNING VARIABLES AND INDIVIDUAL DIFFERENCES IN
STUDENT-CENTRED LEARNING**

Grănescu M. and Literat R.

ENGLISH FOR SPECIFIC PURPOSES ASSESSMENT

Stan R.S., Oroian E., Bradea L.O., Moangă A., Adam S., Mihai M.

**CORRELATIONS BETWEEN ROMANIAN NAMES OF PLANTS AND
PERSONS**

Oroian E., Stan R.S., Mihai M., Moangă A., Adam S.

**FOREIGN LANGUAGES AND THE COMMON EUROPEAN
FRAMEWORK OF REFERENCE FOR LANGUAGES**

Moanga A.S., Adam S.L., Stan R.S., Oroiran E., Mihai M.

**GENETICALLY MODIFIED LANGUAGE WITHIN THE COMMON
AGRICULTURAL POLICY- OVERVIEW OF GM DISCOURSE IN
ROMANIA**

Mihai M., Stan R.S., Oroian E., Mihai V.

**TEACHING AND ASSESSMENT OF WRITING SKILLS WITH THE
STUDENTS OF THE FACULTY OF LAW**

Bradea L.O.

**CAREER DEVELOPMENT: SUBJECT IN VETERINARIAN
CURRICULUM**

Gudea N., Giurgiuman T., Fărăgău-Dragoș M., Roman I., Gudea A.

THE ROMANIAN SYSTEM OF EDUCATION IN THE GRADUATES' VISION

Fărăgău-Dragoș M., Giurgiuman T., Roman I., Gudea N.

CHALLENGES FACED WHEN TEACHING ENGLISH FOR SPECIFIC PURPOSES

Adam S.L., Stan R.S., Moangă A., Oroian E., Mihai M.

PUBLIC SPEAKING: MODES OF DELIVERY

Giurgiuman T., Gudean N., Roman I., Fărăgău-Dragoș M.

PORTFOLIO - A COMPREHENSIVE ASSESSMENT METHOD

Roman I., Giurgiuman T., Gudea N. and Fărăgău M.

CASE STUDY OF A PSYCHOSOMATIC FAMILY

Müller-Fabian A.

Friday, 27th September 2013

DAILY PROGRAM SCHEDULE

SECTION 1: Agriculture

Hall: A4 Rectorate building (map 1)

09:00 – 11:00 ORAL PRESENTATIONS

Chairman: Prof. dr. Roxana VIDICAN
Moderator: Prof.dr. Ioan ROTAR
Secretary: Asistent dr. Georgiana BELBE

WHEAT PRODUCTION OBTAINING PATTERNS ACCORDING TO THE ARIDITY INDEX (AR), SOIL CREDITWORTHINESS (CW_s) AND TECHNOLOGICAL PROCESSES INTENSITY (TPI)

Berca M., Robescu V.O., Horoiş R.

MAXIMIZING THE POSITIVE IMPACTS OF IRRIGATION AND ITS INFLUENCE ON THE SETTLEMENT OF SOIL PARTICLES

Burcea M., Georgescu E., Burcea A.

THE INFLUENCE OF DIFFERENT SEEDING SPACE AND ORGANIC FERTILIZATION LEVEL UPON PRODUCTION AND MASS OF 1000 SEEDS, RECORDED IN SOME HEMP VARIETIES

Dan A. I., Duda M. M., Moldovan C., Florian T.

RESEARCH CONCERNING THE AGROCHEMICAL OPTIMIZATION OF THE FERTILIZATION SYSTEM FOR WHEAT CROPS IN THE TRANSYLVANIAN PLAIN

Poruţiu A. R., Rusu M., Mărghitaş M., Toader C-tin, Moldovan L.

DIFFERENTIAL FERTILIZATION AND NUTRITIVE SUBSTRATES EFFECT ON THE FLOWERING DEGREE OF *PELARGONIUM ZONALE*

Tomos C., Mărghitaş M.

THE BEHAVIOR OF SOME SPRING BARLEY VARIETES UNDER THE CLIMATIC CONDITIONS OF THE NORTH-EAST BĂRĂGAN

Axinti N., Cioromele G.A.

PERSPECTIVE CULTIVATION AND UTILIZATION OF *SILPHIUM PERFOLIATUM*L. AND *HELIANTHUS TUBEROSUS*L. SPECIES IN REPUBLIC OF MOLDOVA

Titei V., Teleuta A., Muntean A.

FOOD SECURITY AS LONG-TERM GOALS OF STRATEGIC AGRICULTURAL DEVELOPMENT

Chiritescu V., Ipate I., Gavrilesco C., Kruzlicika M., Sandu M.

11:00 – 11:30 COFFEE BREAK

11:30 – 13:00 ORAL PRESENTATIONS

Chairman: Prof. dr. Roxana VIDICAN

Moderator: Prof.dr. Ioan DROCAS,

Secretary: Asistent dr. Georgiana BELBE

RESEARCHES REGARDING THE INFLUENCE OF PRESSURE ON UNIFORMITY OF DISTRIBUTION OF NEW TYPES OF NOZZLES

Drocas I., Marian O., Costea C., Ranta O., Stănilă S., Muntean M.

INFLUENCE THE COULTER TYPE ON THE SEED - SOIL CONTACT IN NO-TILL TECHNOLOGY

Ranta O., Drocaș I., Stănilă S., Molnar A, Muntean M.V., Marian O.

DEVELOPMENT OF SOFTWARE APPLICATION FOR THE ASSESSMENT OF AGRICULTURAL TRAFFIC

Molnar A., Drocas I., Ranta O., Stănilă S.

RESEARCHES REGARDING THE INFLUENCE OF PRESSURE ON UNIFORMITY OF DISTRIBUTION OF NEW TYPES OF NOZZLES

O. Marian, I. Drocaș, C. Costea, O. Ranta, S. Stănilă, M. Muntean

COMBINING ABILITY FOR KERNELS STARCH CONTENT IN MAIZE SYNTHETIC POPULATIONS OBTAINED FROM LOCAL POPULATIONS

Muntean L., Tritcan N., Has I., Has V., Gulea A.

OPTIMIZATION OF PCR CONDITIONS TO AMPLIFY SSR MARKERS IN SWEET CHERRY CULTIVARS

Berindean I. V., Cardei E., Pamfil D.

**IDENTIFICATION OF HETEROTIC PAIRS BY FULL-SIB
RECIPROCAL RECURRENT SELECTION IN MAIZE SYNTHETIC
POPULATIONS ON A(B)(2) COMPOSITE X B(A)(2) TURDA
COMPOSITE**

Ona A., Has I., Has V., Tritean N., Copândeian A.

**THE RESULTS OF CULTIVATING THE SPECIES *AGASTACHE
FOENICULUM* (PURSH) KUNTZE AT JUCU, CLUJ**

Duda M. M., Matei C., Vârban D.I., Muntean S., Moldovan C.

**THE STUDY OF *OCIMUM* L. GENUS IN THE REPUBLIC OF
MOLDOVA**

Dombrov L., Chisnicean L.

**BIOLOGICAL PARTICULARITIES AND NUTRITIONAL VALUE OF
POLYGONACEAE FODDER NONTRADITIONAL PLANTS IN
MOLDOVA' CONDITIONS**

Teleuta A., Titei V., Cosman S.

13:00 – 15:00 LUNCH

15:00 – 17:00 POSTER PRESENTATIONS – Hall of Life Sciences Institute

**IMPACT OF TILLAGE METHODS AND PLASTIC MULCH ON
SOIL PHYSICAL PROPERTIES ON RELATIONSHIP OF TOMATO
GROWTH (*LYCOPERSICON ESCULENTUM*)**

AL-Janaby M.A.A.

**THE INFLUENCE OF GENOTYPE AND CLIMATIC FACTORS ON
THE QUALITY OF SPRING BARLEY GROWN IN NORTH EAST
BARAGAN**

Axinti N. and Cioromele G.A.

**RESEARCHES REGARDING THE CHIMICAL CONTROL OF TUTA
ABSOLUTA SPECIES**

Baetan R., Oltean I., Vărădie P., Florian T.

**RESEARCH REGARDING THE IMPORTANCE OF SOIL QUALITY
INDEX (CREDITWORTHINESS – CW_s) ON WHEAT YIELD AND
SOIL CONSERVATION IN BURNAS PLAIN**

Berca M., Horoiăș R., Cristea S.

**THE MONITORING OF PLUM TREE PLANTATIONS
PHYTOSANITARY STATUS FROM REGHIN AREA**

Berekmeri V., Puia C.

**THE MONITORING OF BARK INTEGRITY FROM
PHYTOSANITARY POINT OF VIEW ON PLUM TREES
PLANTATIONS FROM REGHIN AREA**

Berekmeri V., Puia C.

**COMPARATIVE EVALUATION OF VISCOSITY AND FLASH POINT
OF SOME UNCONVENTIONAL SEED OILS – *SOLANUM
LYCOPERSICUM*, *CAPSICUM ANNUUM* AND *VITIS VINIFERA***

Botinestean C., Jianu I.

**THE BEHAVIOR OF SOME WINTER WHEAT VARIETIES IN THE
CLIMATIC CONDITIONS OF NORTH BARAGAN**

Cioromele G.A., Axinti N., Risnoveanu L.

**THE INFLUENCE OF FERTILIZER DOSE AND TILLAGE SYSTEM
ON THE MAIZE PRODUCTION OF NORTH BARAGAN**

Cioromele G.A., Axinti N.

**THE INFLUENCE OF FERTILIZATION IN CHLOROPHYLL
CONTENT OF DOMINANT LEGUMES AND GRASSES IN A
PERMANENT LOW HILLS PASTURE IN BANAT (TIMIS COUNTY)**

Coman M. and Moisuc Al.

**PLANT REGENERATION AND SOMATIC EMBRYOGENESIS IN
TOMATO (*LYCOPERSICON ESCULENTUM* MILL.)**

Coste A., Deliu C., Valimareanuand S., Halmagyi A.

**THE BEHAVIOR OF *CANNABIS SATIVA* L. GROWING, IN
CLIMATIC CONDITION OF JUCU COUNTRY, CLUJ**

Dan A. I., Duda M., Moldovan C., Florian T.

**THE INFLUENCE OF NITROGEN AND PHOSPHORUS DOSES ON
SOYA PRODUCTION IN THE PEDOCLIMATIC CONDITION FROM
SCDA TURDA**

Deac V., Rotar I., Chetan F., Chetan C., Ignea M., Kadar R., Simon A.

INFLUENCE OF SIEVE OPENINGS SIZE FOR HAMMER MILLS ON THE DEGREE OF SHREDDING AND GRINDING ENERGY CONSUMPTION FOR MAIZE

Drocas I., Marian O., Budăcan I., Pop D., . Muntean M

INHERITANCE OF GRAIN DRY-DOWN IN CORN (*ZEA MAYS* L.).

Filipenco A., Mandache V., Valsan G., Ivan F., Ciocazanu I.

STUDY ON BIOLOGICAL GROWTH OF *MEDICAGO SATIVA* IN THE BANAT PLAIN CONDITIONS

Gaitin D., Samfira I., Branko C.

STOMATA DENSITY STUDY OF SOME APPLE VARIETIES

Gâdea Șt., Vâtcă S.D., Vâtcă A.

ESTIMATED POTENTIAL GROWTH OF PHOTOSYNTHETIC APPARATUS AT PHALARIS ARUNDINACEA SPECIES BY DETERMINING THE CONTENT OF ASSMILATING PIGMENTS

Ghica A., Samfira I., Tari I., Laskay G., Butnariu M.

THE ESTABLISHING WATER QUALITY OF SOMEȘ RIVER, CLUJ - NAPOCA AFTER DETERMINING SPECIES *BACILLARIOPHYTA*

Ignat L., Vidican R., Rotar I., Ignat R.

STUDY ON EVOLUTION BIOCENOSIS WWTP CLUJ – NAPOCA

Ignat R., Vidican R., Rotar I., Ignat L.

RESEARCHES ON THE MONITORING OF THE MOST FREQUENT PESTS FROM MAIZE AND SOYBEAN CROPS IN THE CONDITIONS AT ARDS TURDA

Ivaș A., Mureșanu F.

CONTRIBUTION TO STUDY OF *ACACIA TORTILIS* SUBSP *RADDIANA* SEED GERMINATION, AND GROWTH SEEDLING UNDER DIFFERENT OSMOTIC AND DROUGHT CONSTRAINTS

Kebbas S., Lutts S., Aid F.

MONITORING EUROPEAN CHERRY FRUIT FLY (*RHAGOLETIS CERASIL.*) THROUGH VIZUAL TRAPS

Macavei L., Oltean I., Florian T., Varga M.

INFLUENCE OF SIEVE OPENINGS SIZE FOR HAMMER MILLS ON THE DEGREE OF SHREDDING AND GRINDING ENERGY CONSUMPTION FOR WHEAT

Marian O., Drocas I., Budăcan I., Pop D., Muntean M.

EVALUATION OF ANTIOXIDANT ACTIVITY OF EXTRACTS FROM GREEN ALGAE *ULVA LACTUCA*

Metidji H., Dob T., Krimat S., Ksouri A., Kord A., Benfares R., Belhasnet K., Toumi A.

THE USE OF PLANT EXTRACTS TO INHIBIT THE GROWTH OF GRAY MOULD OF GRAPES CAUSED BY *BOTRYTIS CINEREA* PERS.

Miclea R., Suciu L., Puia C.

SURVEY OF THE VARIABILITY OF SOME MORPHOLOGIC HUMAN CHARACTERS

Mihalescu L., Mare Roșca O., Voșgan Z., Marian M., Maxim A., Cordea M.

DEGENERATION OF SOME GENUINE AND FOREIGN POTATO STRAINS WITHIN ECOLOGICAL CONDITIONS OF TARGU SECUIESC COUNTY OF COVASNA

Motica R., Gavrilă M., Mike L., Baciú A.

CONTAMINATION OF SOME PLANT ORIGIN FOOD PRODUCTS WITH POLYCYCLIC AROMATIC HYDROCARBONS

Muntean N., Muntean E., Duda M.

THE GROWTH INDICES OF YOUNG SWINE BREED BAZNA CORE AS GENETIC STOCK MAINTAINED AT ARDS TURDA

Nagy Al., Miclea V., Zahan M., Miclea I., Nicoara M.

THE EFFECT OF PH STRESS ON THE SURVIVAL OF *RHIZOBIUM TRIFOLII* AND *SINORHIZOBIUM MELILOTI* IN VITRO

Niste M., Vidican R., Rotar I., Pop R.

POTATO CROP MONITORING USING VERIS MOBILE SENSOR PLATFORM

Puiu M.I., Morar G., Olteanu Gh., Ianoși M.

RESPONSE OF GRAIN YIELD AND PROTEIN CONTENT OF WHEAT VARIETIES AT DIFFERENT LEVELS OF APPLIED FERTILIZER

Racz I., Kadar R., Moldovan V. , Ceclan A.

CLIMATIC INDICATORS MONITORING IN THE TRANSYLVANIAN PLAIN, ROMANIA

Rusu T., Moraru P.I., Bogdan I., Pop A.I., Coste C.L., Marian R.

IMPLICATIONS OF ORGANIC FARMING PROMOTION UPON THE SUSTAINABLE RURAL DEVELOPMENT

Sima E.

SOWING DENSITY INFLUENCE ON AUTUMN WHEAT PRODUCTION

Soare A., Voicu Gh.

THE BIOLOGICAL FACTOR INFLUENCE ON MAIZE SEED PRODUCTION

Soare A., Voicu Gh.

THE INFLUENCE OF *FUSARIUM* EAR INFECTION ON THE MAIZE YIELD AND QUALITY IN SOME MAIZE HYBRIDS CREATED AT ARDS TURDA

Șopterean L.M., Suciú A.L., Puia C., Haș V., Haș I.

PHYTOPATHOGENS RESISTANCE OF REPRESENTATIVES OF GENUS *AEGILOPS*

Stoyanov H.

CHARACTERIZATION OF PLANT STRESS TOLERANCE USING INTEGRATED SENSORS SYSTEMS

Suciú (Bigyilan) L., Sumalan R.

THE INFLUENCE OF DIFFERENT DENSITIES ON PRODUCTION OF CORN HIBRIDS CULTIVATED IN THE CONSERVATIVE AGRICULTURAL SYSTEM

Șimon A., Chețan C., Chețan F., Deac V., Ignea M.

DROUGHT EFFECTS TO THE DRY BEAN LOCAL POPULATION PRODUCTIVITY

Teodorescu E., Munteanu N.

**EXPERIMENTAL TECHNIQUES USED IN RESEARCH OF
DIFFERENTIAL FERTILIZATION AND NUTRITIVE SUBSTRATES
EFFECT ON THE FLOWERING DEGREE OF GERANIUMS**

Tomoş C., Mărghitaş M.

**RESEARCH CONCERNING THE TECHNOLOGY OF AUTUMN
WHEAT AUTUMN WHEAT CULTURE ECOLOGICAL AND BIO-
DYNAMIC DYNAMIC SYSTEMS**

Tomoş L., Morar G.

**ANALYSIS ON PHENOTYPIC RELATIONSHIP BETWEEN GRAIN
YIELD AND MORPHOLOGICAL TRAITS OF PLANT AND EAR OF
MAIZE (*ZEA MAYS L.*)**

Tritean N., Has I., Has V., Copandean A.

**STUDY OF LOSSES BY SPROUTING POTATOES FOR INDUSTRIAL
PROCESSING**

Ugrutan F., Morar G., Moldovan C.

**STUDIES CONCERNING WEIGHTLOSS STORING DUE TO THE
PHYZIOLOGICAL PROCESSES OF RESPIRATION FOR POTATOES
IN STORAGE**

Ugrutan F., Morar G., Moldovan C.

**IDENTIFICATION OF MOLECULAR MARKERSFOR RESISTANCE
TO PRE-HARVEST SPROUTING IN *TRITICUM AESTIVUM***

Vas E., Botez C-tin.

**INFLUENCE OF THE CROP FERTILIZATION ZEOLITE SPRING
BARLEY AND SOYBEAN UNDER ECOPEDOLOGICAL FROM SCDA
TURDA**

Vidican R., Sfechiş S.

**STUDY ON THE INTERACTION BETWEEN INDIGENOUS
BRADYRHIZOBIUM JAPONICUM AND 25 VARIETIES OF SOYBEAN
IN ORDER TO INCREASE THE POTENTIAL OF NITROGEN
FIXATION**

Vidican R., Dinca Z.

**RESEARCHES ON THE OPTIMUM SHAPE AND SIZE OF THE
POTATO RIDGE**

Voşgan Z. I., Morar G., Motica R., Mike L.

THE INFLUENCE OF SOIL TROPHICITY ON THE NUMBER OF SPECIES IN MOUNTAIN MEADOW PHYCOENOSIS

Voşgan Z., Vidican R., Mihalescu L., Mare Roşca O., Marian M.,
Dumuţa A.

THE ECOAGROCLUSTER ARCHITECTURE SOLUTION FOR RAMP UP IN EFFICIENCY SMALL FARMS

Zeca E. D.

SECTION 2: Environmental Protection and Rural Development

Hall: A6 Agriculture building (map 4)

09:00 – 11:00 ORAL PRESENTATIONS

Chairman: Prof.dr. Ioan OROIAN
Moderator: Prof.dr. Philippe BURNY
Assoc. Prof. dr. Aurel MAXIM
Secretary: Drd. Bianca BORDEANU

IDENTIFICATION OF DEBRIS PHENOMENA IN PINE TREES, AND WAYS OF THEIR MANAGEMENT

Burduhos P., Oroian I.Gh., Covrig I., Holonec L., Sulea C.

MAIN PATHOGENS AFFECTING THE STATE OF HEALTH OF FRUIT TREE NURSERIES IN TRANSYLVANIA REGION

Bordeanu B., Oroian I.Gh., Odagiu A., Braşovean I., Iederan C.

ASSESSING THE IMPORTANCE OF BIOTIC FACTORS IN TREE DEVELOPMENT

Sulea C., Oroian I.Gh., Covrig I., Tăut I., Burduhos P.

GREEN BELTS AND THE IMPROVING OF AIR QUALITY – CASE STUDY: TIMISOARA AND ITS SURROUNDINGS

Bica S., Nicolau I., Radloslav R.

QUANTITATIVE ASSESSMENT METHOD OF ILLEGAL DUMPING IN SMALL RIVERS. CASE STUDY: NEAMT COUNTY, ROMANIA

Mihai F.C.

THE STRATEGY OF WASTE MANAGEMENT RESULTING FROM MILITARY ACTIVITIES

Braşovean I., Oroian I.Gh., Odagiu A., Balint C.

META – MODELS EFFICIENCY IN ASSESSING THE VEGETAL PATHOGENS ATTACK

Mălinaş C., Oroian I.Gh., Odagiu A., Iederan C., Suciul Al.

SEASONAL VARIATION OF NOISE LEVELS IN NORTH-EASTERN PART OF IASI CITY (SARARIE – TICAU DISTRICT)

Oişte A.M., Breabăn I.G., Condorachi D.

11:00 – 11:30 COFFEE BREAK

11:30 – 13:00 ORAL PRESENTATIONS

Chairman: Prof.dr. Ioan OROIAN
Moderator: Prof. dr. Philippe BURNY
Assoc. Prof. dr. Aurel MAXIM
Secretary: Drd. Bianca BORDEANU

URBAN LANDSCAPE PATTERNS OF IAȘI CITY. ANALYSING CITY RELATIONS BETWEEN URBAN LAND USE, TOPOGRAPHY AND INHABITANTS PRESSURE UPON URBAN MORPHOLOGY

Rosu L.I., Oiste A.M.

USING HOUSEHOLD PLANTS TO CLEAN INTERIORS FROM AIR POLLUTION

Moldovan M.P.

CONSIDERATIONS UPON THE IMPLICATIONS OF EUROPEAN UNION LEGISLATIONS CONCERNING THE ENVIRONMENTAL POLICY AND AGRICULTURAL PRODUCTIVITY

Pauliuc S., Oroian I.Gh., Odagiu A., Todea Al.

ELABORATION OF NEW APPROACHES FOR BIOREMEDIATION OF SOIL CONTAMINATED BY PESTICIDES IN MOLDOVA

Rastimesina I., Postolachi O., Cincilei A., Tolocichina S., Streapan N., Mamaliga V.

ENVIRONMENTAL PROTECTION - THE RESPONSIBILITY OF ALL SOCIO-ECONOMIC ACTORS IN ROMANIA

Cosneanu S., Chiritescu V., Kruzslieca M., Pușă Pîrvu G., Tănase L. L.

LABOUR PRODUCTIVITY EFFECTS OF TECHNICAL IMPROVEMENT AT DAIRY FARMS SUDY

Vantus A., Harsanyi E., Csatari N., Hagymassy Z.

A REVIEW ON THE ACTION OF THE ALIIN FROM GARLIC (*ALLIUM SATIVUM*L.) AGAINST PLANT PATHOGENS

Bordea D., Oroian, I.Gh. Odagiu A., Milășan A.

ZEARALENONE CONTENT IN CEREALS

Milăsan A., Oroian I.Gh., Bordea D., Brasovean I., Mihai-Oroian C.

FACTORS INFLUENCING *PHYTOPHTHORA INFESTANS* MONT. DE BARY ATTACK DEGREE IN POTATO

Iederan C., Oroian I.Gh., Braşovean I., Todoran C., Mălinaş C.

13:00 – 15:00 LUNCH

15:00 – 17:00 POSTER PRESENTATIONS – Hall of Life Sciences Institute

ECOLOGICAL MORTAR CONTAINING POLYSTYRENE GRANULES

Aciu C., Tamas-Gavrea R., Munteanu C.

URBAN SPRAWL AND ITS EFFECTS ON ENVIRONMENT AND FARMLAND. A TIMISOARA CASE STUDY

Bica S., Belci D.

THE ACTION OF ETHANOLIC SOLUTIONS OBTAINED FROM SELENIUM ENRICHED GARLIC AGAINST *ERWINIA CARTOVORA*

Bordea D., Oroian I.Gh., Odagiu A., Pop R., Milăşan A.

COMPARATIVE PERFORMANCES OF AQUEOUS EXTRACTS OF GARLIC AND SELENIUM ENRICHED GARLIC AGAINST *ERWINIA CARTOVORA*

Bordea D., Oroian I.Gh., Odagiu A., Pop R., Milăşan A.

THE CULTIVATION OF SOYBEAN IN AGRICULTURAL CONSERVATIVE SYSTEM AND ITS ROLE I PROTECTION OF THE ENVIRONMENT

Cheţan F., Cheţan C., Deac V., Şimon A., Ignea M.

SPRUCE NURSERIES RESISTANCE AT HIGH TEMPERATURE WITHIN ISUICA PLANTATION

Covrig I.

THE SEEDILNG BEHAVIOUR WITHIN A TREE ARRANGEMENT STATION UNDER LOW TEMPERATURE CLIMATIC CONDITIONS

Covrig I.

AIR POLLUTION BY PARTICULATE MATTER (PM₁₀) IN CRAIOVA MUNICIPALITY

Gavrilescu E., Buzatu G.D., Popescu S.M.

THE INCIDENCE OF CERTAIN TOXIC METALS (PB, CD) IN PRODUCTS OF VEGETAL ORIGIN

Ignat E.G., Pavel P.B., Moise C.M., Barbu C.H.

STUDY REGARDING LEAD POLLUTION LEVEL. CASE STUDY - CLUJ COUNTY

Ilarie I., Muresan L., Deac T.

VULNERABILITY ASSESSMENT OF DEGRADED GRASSLANDS UNDER THE INFLUENCE OF CLIMATE CHANGE AND ANTHROPIC INTERVENTIONS

Leah T.

DESCRIPTION OF POLLUTION SOURCES FROM THE SLOPES OF THE SĂȘAR RIVER BASIN P

Mare Roșca O., Mihalescu L., Vosgan Z., Marian M.

ESTIMATIONS OF FLOOD WASTE FROM RURAL DUMPSITES LOCATED ON FLOODPLAINS FROM NEAMȚ COUNTY, ROMANIA

Mihai F.C.

MONITORING DRINKING WATER QUALITY IN CLUJ – NAPOCA MUNICIPALITY DURING A THREE YEARS PERIOD

Odagiu A., Oroian I.Gh., Covrig I., Mihăiescu T.

STUDY CONCERNING THE QUALITY INDICES OF FLOWING WATERS. A CASE STUDY: IARA RIVER

Odagiu A., Oroian I.Gh., Covrig I., Mihăiescu T.

ANALYSIS OF ROAD DUST FROM IASI CITY

Oiște A.M

BIOMONITORING OF AIR QUALITY IN THE JIU VALEY

Olenciuc O. A., Sirbu R., Dunca E.

THE INFLUENCE OF FERTILIZATION UPON THE POWDERED MILDEW (*MICROSPHAERA ABBREVIATA*) ATTACK DEGREE IN DURMAST SEEDLINGS

Oroian I.Gh., Covrig I., Odagiu A., Mihai-Oroian C., Burduhos P.

THE IMPORTANCE OF SOIL QUALITY INDICES FOR FIGHTING AGAINST *MICROSPHAERA ABBREVIATA* IN DURMAST SEEDLINGS

Oroian I.Gh., Covrig I., Odagiu A., Burduhos P., Şulea C.

SOYBEAN VARIETIES WITH POSSIBLE UTILIZATION IN FOOD INDUSTRY

Rezi R., Mureşanu E.

TESTING THE EFFICIENCY OF MYCORRHIZAL FUNGI (*GLOMUS FASCICULATUM*) AND MAGNETIC WATER TO REDUCE THE EFFECT OF SALINITY ON PLANT ONION (*ALLIUM CEPAL.*)

Suhail F.M., Mahdi I.A., Puia C.E.

OPERATIONAL EXPERIENCED OF A GRID-CONNECTED PHOTO VOLTAIC ARRAY

Hagymassy Z., Vantus A., Harsanyi E., Csatari N.

SECTION 3: Food Science and Technology

Hall: A2 Rectorate building (map 1)

09:00 – 11:00 ORAL PRESENTATIONS

Chairman: Reader dr. Paul FRASER
Moderator: Prof.dr. Dietmar HALTRICH
Prof.dr. Livia SIMON SARKADI
Prof.dr. Maria TOFANA
Lecturer dr. Adriana PAUCEAN
Secretary: Assist. dr. Dan VODNAR

DIET, HEALTH AND THE MICROBIAL METABOLOME

Russell W.R.

SUBSTANCES WITH A POTENTIAL HEALTH RISK FORMED DURING PROCESSING OF FOODS

Murkovic M.

STRUCTURAL FEATURES OF PLANT-DERIVED FOOD ALLERGENS

Gavrovic-Jankulovic M.

A GEOGRAPHICAL AND HISTORICAL OVERVIEW OF THE TRANSYLVANIAN CUISINE

Păucean A.

IMPACT OF ESTERIFICATION ON THE ANTIOXIDANT CAPACITY OF B-CRYPTOXANTHIN

Pintea A., Rugină D., Bunea A.

FINGERPRINTING FOOD SUPPLEMENTS AND THEIR BOTANICAL INGREDIENTS BY COUPLED UV/VIS/FTIR SPECTROMETRY

Baciu A., Ranga F., Fetea F., Zavoi S., Socaciu C.

THE REACTIVITY AND ALLERGENIC POTENTIAL OF HAZELNUTS PEPTIDES

Călinoiu L., Vodnar D., Socaciu C.

COMPARATIVE FINGERPRINT OF AROMATIC HERBS AND YEAST HYDROPHILIC EXTRACTS USED IN NUTRACEUTICALS FOR PROSTATE DISEASES PREVENTION

Csernatonî F., Socaciu C., Pop R.M., Ranga F., Bunghez F., Romanciuc F.

EARLY DETECTION OF PROSTATE CANCER BIOMARKERS THROUGH UNTARGETED METABOLOMICS

Maxim R., Socaciu C., Pop R.M., Romanciuc F.

ANTIMICORIBIAL EFFECT AND PESTICIDES REDUCTION FROM THE SURFACE OF FRUITS AND VEGETABLES BY BIOACTIVE WASHED-LABELS

Năsui L., Vodnar D., Socaciu C.

HPLC-UV ANALYSIS COUPLED WITH CHEMOMETRY TO IDENTIFY PHENOLIC BIOMARKERS FROM MEDICINAL PLANTS, USED AS INGREDIENTS IN TWO FOOD SUPPLEMENT FORMULAS

Pop R., Csernatonî F., Ranga F., Fetea F., Socaciu C.

09:00 – 11:00 POSTER PRESENTATIONS - Hall of Life Sciences Institute

BIOTECHNOLOGICAL TOOLS TO IMPROVE WINEMAKING PROCESS BY OBTENTION OF EXCLUSIVE WINE WITH DESIRED ORGANOLEPTIC PROPERTIES

Álvarez-Pérez J.M., Álvarez-Rodríguez M.L., Quiroga M.J., Olego M.A., Garzón E., Coque J.J.R.

EVALUATION OF THE CONTENT OF LEAD, CADMIUM, MERCURY, ARSENIC, TIN, COPPER AND ZINC DURING THE PRODUCTION PROCESS FLOW OF TOMATO BROTH

Andrei C., Țărcă F.

ASSESSMENT OF PHYSICOCHEMICAL AND MICROBIOLOGICAL QUALITY OF SEAFOOD

Apostu S., Rotar A.M., Semeniuc C.A., Pop C.

MOLECULARMODELLING INVESTIGATIONS ON TRANSGLUTAMINASE A-LACTALBUMIN COMPLEX

Aprodu I., Banu I.

INFLUENCE OF TRANSGLUTAMINASE ON THE RHEOLOGICAL PROPERTIES OF WHEAT MILLET FLOUR BLENDS

Aprodu I., Banu I.

APPLICATION OF FTIR SPECTROSCOPY FOR FINGERPRINTING BIOACTIVE MOLECULES OF PLANT INGREDIENTS AND A NEW FORMULA WITH ANTIMICROBIAL EFFECT

Bunghez F., Socaciu C., Zăgorean F., Fetea F.

A COMPARISON BETWEEN PHYSICO-CHEMICAL CHARACTERISTICS OF THE DEGRADED PALM OIL BY CHICKEN NUGGETS COATED WITH SWEET PEPPER AND HOT PEPPER

Clonda D.Ș., Hădărugă N.G., Riviș A.

CHARACTERIZATION OF GOLD NANOPARTICLES OBTAINED BY A GREEN SYNTHESIS METHOD

Coman C., Leopold L., Rugină O.D., Bolfă P.F., Leopold N., Tofană M., Socaciu C.

APPLICATION OF FT-IR SPECTROSCOPY FOR FINGERPRINTING BIOACTIVE MOLECULES IN A FOOD SUPPLEMENT PROMEN, COMPARATIVELY WITH PLANT INGREDIENTS

Csernatonî F., Socaciu C., Pop R.M., Fetea F., Bunghez F.

11:00 – 11:30 COFFEE BREAK

11:30 – 13:00 ORAL PRESENTATIONS

Chairman: Assoc. prof. dr. Wendy RUSSELL

Moderator: Prof. dr. Michael MURKOVIC
Prof.dr. Josef STOCKEMER
Prof.dr. Sevastita MUSTE
Lecturer Ramona SUHAROSCHI

Secretary: Assist.dr. Teodora COLDEA

SUSTAINABLE DIETS FOR THE FUTURE: PLANTS AS ALTERNATIVE PROTEIN SOURCES TO MEAT

Neacsu M., Vaughan N.J., Multari S., Johnstone A.M., Russell W.R.

COMPARATIVE ASSESSMENT OF ELISA AND HPLC FOR OCHRATOXIN A DETECTION IN PORK KIDNEY SAMPLES

Georgescu M., Savu C., Dobrea M., Petcu C., Milca I., Savu O., Georgescu D.

STUDY REGARDING THE PRODUCTION AND CHARACTERIZATION OF ROSE PETAL JAM ENRICHED WITH *HYPERICUM PERFORATUM* ESSENTIAL OIL

Borș M.D., Petruț G.S., Tofană M., Socaci S., Fărcaș A.

CHARACTERIZATION OF AN AROMATIC PLANT-BASED FORMULA USING UV-VIS SPECTROSCOPY, COUPLED WITH HPLC-DAD CHROMATOGRAPHY

Bunghes F., Socaciu C., Zăgrea F., Pop R., Ranga F., Romanciuc F.

SAFETY EVALUATION OF THE GRAPE MARC SPIRIT BY GC-FID ANALYSIS

Coldea T.E., Mudura E., Ranta N., Hadarean D.

CHARACTERIZATION OF BLACK AND GREEN TEA FROM LOCAL MARKET

Socaci S.A., Tomele C., Fărcaș A., Salanță L., Tofană M.

IDENTIFICATION OF MODIFIED PROTEIN PROFILE VARIATION DURING DIFFERENT DEFROST FOR FISH MUSCLE PROTEINS

Suharoschi R., Rotar A.M., Semeniuc C., Muntean I.L., Pamfil D.

11.30 – 13.00 POSTER PRESENTATIONS - Hall of Life Sciences Institute

THE APPEARANCE OF FRUIT CHARACTER IN THE VOLATILE FRACTION OF VARIOUS APRICOT (*PRUNUS ARMENIACA* L.) PRODUCTS

Csóka M., Amtmann M., Mednyánszky Zs., Nemes K., Simon Sarkadi L., Korány K.

RELATIONSHIP BETWEEN SHRIMP PROCESSING AND FINAL PRODUCT MICROBIOLOGICAL QUALITY

Georgescu M., Savu C., Dobrea(Popescu) A.A., Petcu C., Savu O.

CHANGES IN FREE AMINO ACID CONTENT OF HIGH HYDROSTATIC PRESSURE TREATED SAUSAGES

Korompai E., Simon-Sarkadi L., Mednyánszky Z., László F.

YELLOW PIGMENT DETERMINATION FROM WHEAT AND BARLEY BY CHROMATOGRAPHIC METHODS

Leopold L.F., Socaciu C.

USING DEHYDRATED VEGETABLES IN SOME BROWN BREAD TYPES

Man S., Păucean A.

LIPIDS PEROXIDATION OF DIFFERENT TYPES OILS IN FISH CANNED

Moldovan F., Stănilă A.

COMPARATIVE STUDY ON BREAD QUALITY OBTAINED USING CLASSICAL METHODS VS. WITH STARTER CULTURES

Moldovan O., Muste S., Păucean A.

CHEMICAL CHARACTERIZATION OF FRUITS FROM IONATHAN, GOLDEN DELICIOS AND STARKRIMSON APPLES VARIETIES FROM THE ROMANIAN MARKET

Mureșan E.A., Muste S., Borșa A., Vlaic R.A., Mureșan V.

STUDY REGARDING THE IMPORTANCE OF SENSORIAL ASSESSMENT APPLIED TO TRADITIONAL ROMANIAN CHEESES

Neagu I., Savu C., Georgescu M., Savu O., Boițeanu C.

AROMA IMPACT OF NORISOPRENOIDS IN PANDAN LEAVES (PANDANOUS AMARYLLIFOLIUS)

Ningrum A., Nhut Nguyen Minh, Schreiner M.

THE PHYSICOCHEMICAL QUALITY OF TRADITIONAL BURDUF CHEESE

Pop C., Semeniuc C.A., Apostu S., Rotar A.M.

THE IDENTIFICATION AND PREVALENCE OF *ESCHERICHIA COLI* ENTEROHEMORRHAGIC IN FOODS

Rotar A.M., Semeniuc C.A., Apostu S., Pop C., Duma M., Giura L.

13.00 – 15.00 LUNCH

15.00 – 17.00 POSTER PRESENTATIONS - Hall of Life Sciences Institute

RESEARCH ON THE SENSORIAL QUALITY AND ECONOMIC EFFICIENCY IN OBTAINING OF A CERTAIN RAW MEAT PRODUCT - MICI PASTE

Sălăgean C.D., Țibulcă D., Marin R.

THE DYNAMIC OF ESSENTIAL OIL ACCUMULATION IN HOP CONES DURING 2012 YEAR

Salanță L.C., Tofană M., Socaci S., Mudura E., Fărcaș A.

THE MANUFACTURING PROCESS AND QUALITY CONTROL OF A HOLLAND TYPE CHEESE

Semeniuc C.A., Rotar A.M., Pop C., Suharoschi R., Apostu S.

WATER CONTENT AND WATER ACTIVITY OF BAKERY PRODUCTS

Tulbure A., Ognean M., Ognean C.F., Danciu I.

STUDY OF SOME VOLATILE ORGANIC ACIDS IN WINES OF SOME DOMESTIC VARIETIES

Vararu F., Niculaua M., Moraru I., Colibaba L.C., Nechita C-tin.B., Zamfir I.C., Dumitriu D., Cotea V.V.

SAFETY AND SECURITY OF MILK AND DAIRY PRODUCTS IN THREE HYPERMARKETS (A, B, C) FROM TRANSYLVANIA COUNTY

Vlaic R.A., Muste S., Semeniuc C., Muresan E.A., Borșa A.

EVOLUTION OF METAL ION CONTENT FROM BĂBEASCĂ NEAGRĂ ROSÉ WINES AFTER TARTARIC STABILIZATION

Zamfir C.I., Luchian C.E., Colibaba C.L., Cotea V.V., Niculaua M., Odageriu, G.

SECTION 4: Horticulture and Forestry
Biodiversity, Fruit Tree Growing, Viticulture and Forestry

Hall: A5 Rectorate building (map 1)

09:00 – 11:00 ORAL PRESENTATIONS

Chairman: Prof. dr. Viorel MITRE
Moderators: Prof. dr. Oscar VICENTE
Prof. dr. Nastasia POP
Assoc. Prof. dr. Mirela CORDEA
Secretary: Drd. ing. Andreea TRIPON

**THE INFLUENCE OF GREEN WORKS ON SV 18402 GRAPES
QUALITY, VINE WITH BIOLOGICAL RESISTANCE**

Bunea C.I., Muncaciu M.L., Pop N.

**INDICATORS OF ECONOMIC EFFICIENCY ON STRAWBERRY
YIELD UNDER THE INFLUENCE OF THREE DIFFERENT
MULCHES**

Pop D.F., Mitre V., Balcău S.L., Gocan T.M.

**RESEARCH ON ANALYSIS BY STATISTICAL METHODS OF BUNCH
WEIGHT IN SOME LOCAL VARIETIES AND BIOTYPES OF THE
BUZIAȘ - SILAGIU AREA**

Dobrei A., Ghiță A., Nistor E., Sala F.

**VARIATION OF VEGETATION INDICES AND GRAPES QUALITY
UNDER THE INFLUENCE OF FOLIAR FERTILIZATION IN VINE**

Sala F., Blidariu C., Dobrei A., Boldea M.

STUDY OF COMPOUNDS AROMA IN GOLIA WINES

Colibaba L.C., Niculaua M., Andries T., Cotea V.V

**RESEARCH ON THE CHEMICAL COMPOSITION OF SOIL WITH
POLLUTANT EFFECT IN SOME VINEYARDS FROM
NORTHWESTERN TRANSYLVANIA**

Bora F.D., Pop N., Leonard M., Pop T.I., Bunea C.I.

PROTECTIVE EFFECT EXERTED BY THE AD TYPE BIO-PHYTO-DYNAMIC MODULATORS ON *ARABIDOPSIS THALIANA* SPECIES EXPOSED TO STRESS FACTORS

Inoan S.L., Criveanu H.R.

COMPARATIVE STUDY OF TWO BENCH GRAFTING METHODS AT APPLE AND PEAR

Jakab-Ilyefalvi Zs., Festila A., Platon I.

RESEARCHES ON THE MANIFESTATION OF THE PRODUCTIVE POTENTIAL OF THE NJC 110 CLINGSTONE CULTIVAR IN THE PEDOCLIMATIC CONDITIONS OF DOBROGEA

Lamureanu Ghe., Alexe C.

OBSERVATIONS REGARDING THE INFLUENCE OF AD BIO-PHYTO-MODULATORS ON GERMINATION AND GROWING OF THE SPECIES *PICEA ABIES* (SPRUCE) AND *SALIX ALBA* (WILLOW)

Sincraian I., Criveanu H.R., Inoan S.L.

ISSUES ON DRY MATTER ACCUMULATION THROUGH PHOTOSYNTHESIS, COMPARED, ON PLUM, APPLE AND WALNUT, USING BIO-PHYTO-DYNAMIC MODULATORS AD

Colceriu P., Criveanu R.H.

MESOPOROUS MATERIAL KIT-6 INFLUENCE ON THE CONTENT OF PHENOLIC COMPOUNDS IN FETEASCĂ NEAGRĂ WINES

Dumitriu D., Luchian C., Cotea V.V., Zamfir C., Colibaba C., Gabur I., Vararu F.

SOIL TYPE INFLUENCE ON YIELD QUANTITY AND QUALITY AT GRAPE VARIETIES FOR WHITE WINES OBTAINED AT SCDVV BLAJ

Cudur F., Iliescu M., Comşa M., Popescu D., Cristea C.

THE PRESENTATION OF SOME ELITE CLONES OBTAINED AT SCDVV BLAJ

Cristea C.C., Comşa M., Popescu D., Comşa A., Cudur F.

11:00 – 11:30 COFFEE BREAK

11:30 – 13:00 ORAL PRESENTATIONS

Chairman: Prof. dr. Viorel MITRE
Moderators: Prof. dr. Oscar VICENTE
Prof. dr. Nastasia POP
Assoc. Prof. dr. Mirela CORDEA
Secretary: Drd. ing. Andreea TRIPON

THE EFFECT OF SPECIES AND ANTIEROSIONAL LAND PREPARATION OF ERODED LANDS ON THE MAINTENANCE OF FORESTRY SEEDLINGS

Vlasin H.D., Budiu V., Stan R.

THE INFLUENCE OF REGRAFTING AT *PICEA ABIES ARGENTEA* CULTIVAR AND ITS ECONOMIC EFFICIENCY

Mazăre G.

THE BEHAVIOUR OF SOME CHESTUT VARIETIES IN NORTH-WEST CONDITIONS OF GORJ COUNTY

Iordănescu O.A., Grivei A., Olaru D.

RESEARCHES REGARDING THE ATTACK PRODUCED BY *CURCULIO GLANDIUM MARSH.* IN PRODUCTION UNIT II BADACIN BELONGING TO THE ŞIMLEUL SILVANIEI FORESTRY DEPARTMENT

Oltean I., Fodoran N., Florian T. and Varga M.I.

MONITORING THE SPECIES OF *ELATERIDAE* FAMILY IN THE NURSERY OF GURGHUI FORESTRY HIGH SCHOOL

Varga M.I., Oltean I., Muntean V., Florian T., Mândru M.

EFFICIENCY OF FRUITLET THINNING APPLE „GOLDEN REINDERS” BY USE NAPHTHYLACETAMIDE ACID (NAD)

Pesteanu A.

EFFECT OF BIOTIC ELICITORS ON SECONDARY METABOLITE PRODUCTION IN CELL SUSPENSION OF *HYPERICUM TRIQUETRIFOLIUM TURRA*

Hoshyar A.A., Kadhim M.I.

**UVOLOGIC AND BIOCHEMICAL FEATURES OF THE DISTANT
HYBRIDS OF VINE (*V. VINIFERA L. x M. ROTUNDIFOLIA MICHX.*)**

Alexandrov E., Gaina B.

**THE PARTICULARITIES OF MICROCLONING BLACKBERRY
CULTIVAR 'CHESTER'**

Giorchină N., Lozinschi M.

A DIFFERENT APPROACH TO TEACHING FORESTRY

Holonec L., Stan R.S., Tăut I., Vlaşin H., Simonca V., Covrig I.,
Ceuca V., Colișar A.

**TEACHER- STUDENT PROFESSIONAL DISCUSSIONS ON
FORESTRY TOPICS**

Tăut I., Holonec L., Vlaşin H., Şimonca V., Ceuca V., Covrig I.,
Colișar A.

**IMPACT OF EDUCATIONAL ENGAGEMENT ON INDIVIDUAL
AND INSTITUTIONAL SUCCESS**

Ceuca V., Holonec L., Stan R.S., Tăut I., Şimonca V., Vlaşin H.,
Covrig I., Colișar A.

**RESEARCH – PRACTICE PARTNERSHIP IN THE PROCESS OF
EDUCATIONAL ENGAGEMENT**

Covrig I., Holonec L., Stan R.S., Tăut I., Vlaşin H., Şimonca V.,
Ceuca V., Colișar A.

**A CONCEPTUAL FRAMEWORK FOR STRUCTURING STUDENT
EXPERIENCE**

Colișar A., Holonec L., Tăut I., Vlaşin H., Şimonca V., Ceuca V.,
Covrig I.

**SCIENCE EDUCATION RESEARCH AND ITS APPLICATION TO
FORESTRY TEACHING PRACTICE**

Şimonca V., Holonec L., Stan R.S., Tăut I., Vlaşin H., Ceuca V.,
Covrig I., Colișar A.

13:00 – 15:00 LUNCH

15:00 – 17:00 POSTER PRESENTATIONS - Hall of Life Sciences Institute

Chairman: Prof. dr. Viorel MITRE
Moderators: Prof. dr. Oscar VICENTE
Prof. dr. Nastasia POP
Assoc. Prof. dr. Mirela CORDEA
Secretary: Drd. ing. Andreea TRIPON

**A NEW SOURCE OF GENETIC RESISTANCE TO POTATO BLIGHT
(*PHYTOPHTHORA INFESTANS*)**

Ardelean M., Cordea M.I., Budiu V., Mihalescu L.

ECONOMIC EFFICIENCY IN DIFFERENT APPLE CROP SYSTEMS

Badiu D.E., Mitre V., Tripon F.A. and Lazăr M.

**THE EFFECT OF THE PLAN SCALE UPON THE MAGNITUDE OF
THE MORPHOMETRIC PARAMETERS IN A TORRENTIAL
CATCHMENT**

Ciornei I. and Drăgoi M.

**STUDIES REGARDING THE INFLUENCE OF THINNING ON
QUALITY AND ECONOMICAL EFFICIENCY OF SOME APRICOT
FRUIT VARIETIES**

Chira A. and Chira L.

**RESEARCHES REGARDING THE INFLUENCE OF STORAGE
CONDITIONS UPON THE QUALITY OF CHERRY FRUITS**

Chira A. and Chira L.

**STUDY ON TĂMÂIOAȘĂ ROMÂNEASCĂ WINE COMPOSITION
OBTAINED THROUGH DIFFERENT PREFERMENTATIVE
TREATMENTS**

Codreanu M., Cotea V.V., Niculaua M.

**ELEMENTS FOR PREVENTING AND LIMITING THE
BIOLOGICAL DECLINE AT VINE, IN BLAJ WINE CENTER**

Comsa M., Tomoiaga L., Oroian I., Popescu D., Cudur F., Cristea C.C.

THE INFLUENCE OF SUBSTRATUM ON THE ROOTING CAPACITY OF RED AND BLACK CURRANT

Diaconescu M., Hoza D., Asanica A.

RESEARCHES ON TECHNOLOGICAL AND PHYSICAL - CHEMICAL CHARACTERISTICS OF SOME LOCAL VARIETIES AND BIOTYPES, FROM ARAD AREA

Dobrei A., Ghiță A., Ciucur A.

PRELIMINARY RESULTS REGARDING THE POTENTIAL OF PROPAGATION BY GREEN CUTTING OF THE PLUM ROOTSTOCK MIROBOLAN BN 4 Kr

Festila A., Zagrai I., Mazilu C., Baias I.

COMPARATIVE ANALYSIS OF OSMOLYTE ACCUMULATION IN THREE *JUNCUS* SPECIES, IN RESPONSE TO ABIOTIC STRESS

Gaspar A., Al Hassan M., Pacurar A., Vicente O. and Boscaiu M.

PRELIMINARY RESULTS REGARDING ROOT DEVELOPMENT OF SOME APPLE, PEAR, PLUM ROOTSTOCKS GROWN IN NURSERY

Jakab-Ilyefalvi Zs. and Platon I.

RESEARCH ON THE RESISTANCE TO THE ATTACK OF THE MAIN PATHOGEN AGENTS OF SEVERAL CLINGSTONE CULTIVARS FROM THE EXPERIMENTAL CROP OF RSFG CONSTANTA

Lamureanu Ghe.

THE USE OF VERMICOMPOST IN ORCHARDS

Lazar M., Mitre V., Tripon F.A. and Badiu D.E.

INFLUENCE OF NATURAL AND SYNTHESIZED NANOMATERIALS ON CABERNET SAUVIGNON CHEMICAL COMPOSITION

Luchian C., Cotea V.V., Niculaua M., Patraș A.

THE DEVELOPMENT OF *PICEA PUNGENS ARGENTEA* CULTIVAR IN THE COUNTRY OF ORIGIN

Mazăre G.

**THE VINTAGE EFFECT ON BUFFER POWER OF LIME
AMENDMENTS OVER TOTAL ACIDITY IN GRAPE MUSTS**

Olego M.A., Coque J.J.R., Santamarta D., Quiroga M.J., de Cabo N.,
Álvarez-Pérez J. L. and Garzón J.E.

**RESEARCHES REGARDING THE ATTACK PRODUCED BY *CYDIA
AMPLANA* HB. IN U.P. II BADACIN ȘIMLEUL SILVANIEI
FORESTRY DEPARTMENT**

Oltean I., Fodoran N., Florian T., Varga I.M.

**EFFECTS OF THE APPLICATION OF LIMING MATERIALS IN
VINEYARD ON WINE pH**

Quiroga M.J., de Cabo N., Olego M.A., Santamarta D., Álvarez-Pérez
J.M., Coque J.J.R. and Garzón J.E.

**EFFECTS OF ION UPTAKE FOR SALT TOLERANCE IN SEVERAL
MEDITERRANEAN HALOPHYTES**

Parra L., Llinares J., Boscaiu M., Donat P., Vicente O. and Boira H.

**STRESS-INDUCED ACCUMULATION OF OSMOPROTECTANTS IN
FOUR PLANTAGO SPECIES**

Pacurar A., Al Hassan M., Gaspar A., Boscaiu M. and Vicente O.

**CORRELATION BETWEEN THE AMOUNT OF SOLUBLE
SUBSTANCE AND VITAMIN C IN TEN VARIETIES OF
STRAWBERRIES UNDER THE INFLUENCE OF MULCH AND
FERTILIZER**

Pop D.F., Mitre V., Balcău S.L., Gocan T.M.

**RESEARCHES REGARDING THE INFLUENCE OF FOLIAR
FERTILIZERS ON THE ACCUMULATION OF SUGARS IN GRAPES
AND STRING**

Popescu D., Iliescu M., Comsa M., Cristea C., Beleniuc G.

**MOLECULAR EVALUATION OF GERMAN AND ROMANIAN PEAR
(*PYRUS* SSP.) GENETIC RESOURCES**

Puskás M., Hanke M.-V., Flachowsky H., Sestraș R.E.

FRUIT QUALITY OF DIFFERENT APPLE CULTIVARS

Sestraș A.F., Militaru M., Mitre V., Morariu P., Mitre I., Mihalte L. and
Sestraș R.E.

DNA EXTRACTION FROM *KRASCHENINNIKOVIA CERATOIDES* (CHENOPODIACEAE) FOR SRAP PCR-BASED ANALYSIS OF GENETIC DIVERSITY

Sisea C.R., Şipeţean I., Bădărău Al.S., Pamfil D.

COMPARISON OF PROTOCOLS FOR DNA EXTRACTION FROM *CANNABIS SATIVA* SEEDS

Soler S., Sifres A., Llosa E.R., Llamas M., Vilanova S. and Prohens J.

RESEARCH REGARDING QUALITY PARAMETERS OF CLONAL SELECTIONS MUSCAT DE HAMBURG 4 Pt AND MUSCAT D'ADDA 5 Pt IN CORRELATION TO ENVIRONMENTAL FACTORS

Stroe M., Matei D., Damian I., Ispas S., Dumitru E.

RESEARCHES REGARDING THE IMPACT OF CLIMATIC ACCIDENTS DURING BLOOMING PHENOPHASE AT VINES

Tomoiaga L., Iliescu M., Comsa M., Popescu D., Cristea C.C.

THE THINNING OF PLUM TREES IN THE CONTEXT OF THE THIRD MILLENNIUM

Tripon F.A., Mitre V., Badiu D.E., Lazar M.

PLUM CHEMICAL THINNING

Tripon F.A., Mitre V., Mitre I.

MONITORING THE SPECIES *MELOLONTHA MELOLONTHA* L. IN THE NURSERY OF GURGHIU FORESTRY HIGH SCHOOL

Varga M.I., Oltean I., Muntean V., Florian T., Mândru M.

SECTION 4: Horticulture and Forestry
Vegetables Growing, Floriculture and Landscape Design

Hall: H18 – Horticulture Building (map 10)

09:00 – 11:00 ORAL PRESENTATIONS

Chairman: Prof. dr. Maria APAHIDEAN
Moderators: Prof. dr. Roman HOLUBOWICZ
Assoc. Prof. dr. Adelina DUMITRAȘ
Lecturer dr. Erszebet BUTA
Secretary: Drd. Ing. Iulia BĂRBUȚĂ

EFFECT OF THE USE OF AN ANTISTRESS OF SYNTHESIS AND BIOLOGICAL ON THE PRODUCTION OF PLANTATIONS OF CUCUMBER (*CUCUMIS SATIVUS* L.) IN OUT GROUND AND IN SALINE CONDITIONS

Snoussi S., Benchabane M., Bradea M.S., Ait Ouazzou F., Benmoussa M., Achouch A.R., Abdul-Hussain A.S.

SUITABILITY OF SOME ROMANIAN TOMATO LANDRACES TO ORGANIC CROP IN PLASTIC TUNNEL

Maxim V., Linnemannstöns L., Măniuțiu D., Maxim A., Șandor M., Creța C., Gocan T.

ACCUMULATION OF NITRATE IN THE ROOTS OF CARROT IN CONDITIONS OF TRANSYLVANIA AND CORRELATION BETWEEN THE AMOUNT OF SOLUBLE DRY MATTER AND OF NITRITES

Gocan T.M., Măniuțiu D.N., Andreica I., Bogdan I., Lazăr V. and Neacșu V.I.

TIME EFFECTS AND THEIR IMPACT IN THE LANDSCAPE ARCHITECTURE

Dascălu D.M.

RESEARCH REGARDING THE PRODUCTION OF EGGPLANT GRAFTED SEEDLINGS BY MANUAL AND SEMI-AUTOMATIC GRAFTING

Bogoescu M., Doltu M., Moise D.

THE INFLUENCE OF BIO-PHYTO-MODULATORS IN THE BIOLOGICAL DEVELOPMENT OF SEED GERMINATION IN TOMATO AND PEPPER PLANTS

Pop F.M. and Criveanu H.

RESEARCH ON HOW TO EXPLOIT AN EROSIONAL DEVELOPED LAND BY CULTIVATING IT WITH PERENNIAL GRASS AND ENERGY WILLOW

Pop N., Vasiu C., Sălăgean T.

RESEARCH ON THE ANTI-EROSION PROPERTIES OF THE *SALIX VIMINALIS* PLANTATION IN A PIECE OF LAND SITUATED IN THE CLUJ COUNTY

Pop N.

ENCLOSING FEATURES IN URBAN OPEN SPACES. THE LANDSCAPE FUNCTION'S REVIEW

Lazăr-Bâra A.P.

11:00 – 11:30 COFFEE BREAK

11:30 – 13:00 ORAL PRESENTATIONS

Chairman: Prof. dr. Maria APAHIDEAN
Moderators: Prof. dr. Roman HOLUBOWICZ
Assoc. Prof. dr. Adelina DUMITRAȘ
Lecturer dr. Erszebet BUTA
Secretary: Drd. Ing. Iulia BĂRBUȚĂ

LIGHT AND EMOTION: ACHIEVING EMOTIONS IN LANDSCAPE ARCHITECTURE BY USING LIGHT

Gheorghita C.C., Grigorovschi M., Ciolacu-Miron D.E.

RESEARCH CONCERNING THE INFLUENCE OF DROUGHT TO THE MAIN CHARACTERISTICS OF GREEN BEAN LOCAL POPULATION

Teodorescu E. and Munteanu N.

EFFECTS OF SOME ABIOTIC FACTORS ON *BRASSICA OLERACEA* VAR. *CAPITATA* SPROUTS

Patras A., Luchian C.E., Neculaua M., Stoleru V.

RESEARCH ON THE BEHAVIOR OF SOME SPECIES OF CABBAGE CULTIVATION IN AUTUMN TO S.C.D.L. SUBSTATION IN THE CONTEXT OF CLIMATE CHANGE AT THE REGIONAL LEVEL

Chiper L.I., Heitz M., Heitz A.K., Capusan J.C.

THE INFLUENCE OF SEED POSITION ON THE EMERGENCE SOME ROOTSTOCKS BY *LAGENARIA SICERARIA*

Doltu M., Bogoescu M., Sora D.

13:00 – 15:00 LUNCH

15:00 – 17:00 POSTER PRESENTATIONS – Hall of Life Sciences Institute

Chairman: Prof. dr. Maria APAHIDEAN

Moderators: Assoc. Prof. dr. Adelina DUMITRAȘ

Lecturer dr. Erszebet BUTA

Secretary: Drd. Ing. Iulia BĂRBUȚĂ

RESEARCHES ON PERMEABILITY AND SOIL STRUCTURE FOR THE IMPLEMENTATION OF SUSTAINABLE LANDSCAPE ARCHITECTURE PRACTICE

Boancă P.I., Dumitraș A., Dirja M., Laczi E., Bors-Oprișă S., Tomos C.

USE OF SPECIFIC PLANTS FOR RECOVERING AND PURIFYING WASTEWATER AROUND ROAD PARKING AREAS

Bors-Oprișă S., Tănăsescu I.

SPECIES OF THE *GENUS PINUS* L. IN THE PLANTINGS COLLECTION OF MOLDOVA AND PERSPECTIVES OF THEIR USE

Bucatsel V.

RESULTS CONCERNING THE GROWTH INDICATORS OF THE CUCUMBERS GRAFTED SEEDLINGS

Doltu M., Iliescu L., Sora D.

LANDSCAPE ARCHITECTURE FOR CELEBRATION EVENTS LOCATION

Dumitraș A., Boancă P., Oltean N., Laczi E.

RESEARCHES ON THE BEHAVIOUR OF CERTAIN GENOTYPES OF *CITRULLUS LANATUS* AT THE THERMIC AND HYDRIC STRESS CONDITIONS

Dumitru M. and Chira E.

DURATION AND THE BEHAVIOR OF CERTAIN VARIETIES OF PHALAEMOPSIS GROWN POT

Gocan T.M., Andreica I., Lazăr V., Boca D.F., Balcău S., Bărbuță I.

STUDIES REGARDING THE POSSIBILITIES OF USING *GLADIOLUS HYBRIDUS* CULTIVARS IN FLORAL ART

Horț D.A., Cantor M., Buta E., Zaharia A., Boanca P.

GROWING CHINESE CABBAGE: INDOOR OR OUTDOOR?

Laczi E., Apahidean A.S., Dumitras A., Boanca P., Apahidean A.I., Tomoș C.

RESEARCHES REGARDING THE DETERMINATION OF TEMPERATURE DIFFERENCES BETWEEN BUILDINGS EQUIPPED WITH VERTICAL GARDEN SYSTEMS AND TWO CONVENTIONAL WALL CONSTRUCTIVE TYPES

Nistor R., Dîrja M., Dumitraș A., Boancă P.

STUDYING AND IDENTIFYING THE TOMATOES, CUCUMBER, ONION AND CARROT CULTIVARS SUITABLE FOR ECOLOGICAL CULTURES

Popandron N.

WINTER HARDINESS OF ORNAMENTAL WOODY PLANTS IN CONTAINERIZED CULTURE

Roșca I.

RESEARCHES ON THE BEHAVIOUR OF PEPPER GENOTYPES (*CAPSICUM ANNUUM*L.) AT THE THERMIC AND HYDRIC STRESS

Sbîrciog G.

“VIDRA 9”, A NEW VARIETY OF BELL PEPPER, OBTAINED AT RDIVFG VIDRA

Sbîrciog G.

VERTICAL GREENHOUSE - ECONOMICAL AND ECOLOGICAL ALTERNATIVE FOR HIGH-ENERGY CONSUMPTION PROTECTED SPACES

Vlad C., Brătucu Ghe., Burnichi F.

**REDUCTION OF THE ENERGETIC CONSUMPTION AND
PRESERVATION OF THE SOIL STRUCTURE CULTIVATED WITH
VEGETABLES BY USING A COMPLEX AGGREGATE**

Vlad C., Brătucu Ghe., Burnichi F.

**NEW CUCUMBER (CUCUMIS SATIVUS) GENOTYPES OBTAINED
AT V.R.D.S. BUZAU**

Vinatoru C., Teodorescu E., Zamfir B., Bratu C.

**MOMORDICA COCHINCHINENSIS, A NEW SPECIES OF
CUCURBITACEAE ACCLIMATED AT V.R.S.D BUZAU - ROMANIA**

Vinatoru C., Teodorescu E., Zamfir B., Bratu C.

SECTION 5: Economics and Rural Development

Hall: H21 – Horticulture Building (map 10)

09:00 – 11:00 ORAL PRESENTATIONS

Chairman: Assoc. Prof. dr. Felix ARION
Moderators: Prof. dr. Gabriele CANALI
Lect. dr. Cristina B. POCOL
Lect. dr. Diana DUMITRAȘ
Secretary: Lect. dr. Iulia MURESAN

FARM NET VALUE ADDED AND FARM NET INCOME ANALYSIS OF ROMANIAN HORTICULTURAL HOLDINGS AFTER EU ACCESSION

Fintineru G.

RESEARCH REGARDING THE PROBLEMS OF GUESTHOUSES FROM A LEGAL STANDPOINT

Ștefan P., Crețu R.C., Costin P.G.

COMPARATIVE ANALYSIS OF STRATEGIC AND TACTICAL DECISIONS IN AGRICULTURE UNDER THE IAS 41 STANDARD

Crețu R.C., Crețu R.F. and Muscănescu A.

AN EXPLORATORY STUDY ON ORGANIZATION PROCESSES TAXONOMY

Fleaca B. and Fleaca E.

ASSESSMENT OF FOOD SECURITY IN ROMANIA AND IDENTIFICATION OF MAIN RISKS

Alexandri C.

STUDY ON ACCESSING EUROPEAN FUNDS FOR SETTING UP OF YOUNG FARMERS

Stafie A.G.

THE ATTITUDE OF CLUJ-NAPOCA INHABITANTS REGARDING THE SMOKING IN PUBLIC PLACES

Cucerzan M.

TOO MUCH POLITICS AND LESS POLICY: FORESTLAND TENURE AND ELECTIVE CYCLES IN ROMANIA

Dragoi M., Cîrnu M.

CHANGES IN FOOD CONSUMPTION PATTERN OF HOUSEHOLDS IN ROMANIA IN THE PERIOD 2004-2011

Luca L.

A SOCIO-ECONOMIC EVALUATION OF GLYPHOSATE TOLERANT CORN CULTIVATION IN ROMANIA

Ionel I.

STRUCTURE OF RURAL ECONOMY IN ROMANIA. CASE STUDY ON MACRO-REGION 2

Kruzlicika M., Chiritescu V., Gavrilescu C., Gavrilă V., Andrei D.R.

THE SOURCE AND CONSUMPTION OF USING WATER FOR IRRIGATION IN RURAL AREA: STUDY CASE OF KURDISTAN REGION, IRAQ

Harun R., Arion F.H., Mureșan I.C.

SUSTAINABILITY IN AGRICULTURE

Sarbovan M.L.

ASSESSING GAPS IN ROMANIAN AGRICULTURE BASED ON POTENTIAL OF MAIN CULTURES

Cofas E. and Toma E.

SAFEGUARDING THE NATURAL RESOURCES, A HERITAGE FOR THE FUTURE GENERATIONS

Bălăceanu C.

ASSOCIATION AND COOPERATION IN AGRICULTURE, SUSTAINABLE DEVELOPMENT WAY OF THE RURAL SPACE IN ROMANIA

Vâtcă A., Arion F., Vâtcă S., Rotaru A.

WAYS TO PROMOTE TOURISM ANALYSIS BY COUNTY DÂMBOVIȚA TOURIST TRAFFIC AND TRAVEL APPLICATION

Hontus A.C.

SUPPLY CHAIN MANAGEMENT - STRATEGIC ELEMENT IN BUSINESS DEVELOPMENT

Mărcuță L., Mărcuță A., Angelescu C., Tindeche C.

11:00 – 11:30 COFFE BREAK

11:30 – 13:00 ORAL PRESENTATIONS

Chairman: Assoc. Prof. dr. Felix ARION

Moderators: Prof. dr. Gabriele CANALI
Lect. dr. Cristina B. POCOL
Lect. dr. Valentin MIHAI

Secretary: Lect. dr. Iulia MURESAN

THE EVIDENCE OF BANK DEPOSITS. AN EXCEL, DIDACTICAL APPLICATION

Sabău M.

CONTRACTING ISSUES ON THE VEGETABLE SUPPLY CHAIN IN ROMANIA

Alboiu C.

A PROPOSAL FOR A POSSIBLE MODEL OF COSTS-INVESTMENTS FOR THE ENVIRONMENT

Piciu G.

A COMPARATIVE ANALYSIS BETWEEN ROMANIA AND GERMANY CONCERNING FUEL TAX

Trică C. and Piciu G.

TOURIST FLOWS ANALYZED AT THE LEVEL OF TOURIST ACCOMMODATION FACILITIES

Tindeche C., Mărcuță A., Muscănescu A.

INDIVIDUAL FARMS BETWEEN 2002-2010 IN ROMANIA

Glogovețan O.E.

A CONSIDERATION ON SUSTAINABLE DEVELOPMENT WITHIN BELIS-FANTANELE AREA

Nas L., Arion F., Dumitras D., Simu A.

**FINANCIAL DIAGNOSIS CASE STUDY - SC COSM-FAN
CARMANGERIE SRL CLUJ (BUTCHER'S SHOP)**

Armanca L.

**ASSESSMENTS OF ROMANIA'S AGRIFOOD PROCESSING SECTOR
COMPETITIVENESS ON INTERNATIONAL MARKET**

Rusali M.

**RENEWABLE ENERGY INVESTMENT FOR SUSTAINABLE RURAL
DEVELOPMENT IN ROMANIA**

Vac S.C., Pocol C.B., Popița G.E.

MEDIATION ON ITS FIRST STEPS IN ROMANIA

Purdea L.A.

**DEVELOPING STRATEGIES TO REESTABLISH A PLUM
PLANTATION IN SALAJ COUNTY, ROMANIA**

Simu A.V., Dumitras D.E., Vegh A.

**A SOCIO-PROFESSIONAL ANALYSIS OF THE SEMI-SUBSISTENCE
FARMS' MANAGERS IN DÂMBOVIȚA COUNTY**

Toma C., Turtoi C., Gavrilesu C.

ROMANIAN INTRA-EU TRADE IN ANIMAL PRODUCTS

Gavrilesu C., Turtoi C., Toma C.

GENDER DIMENSIONS IN ROMANIAN AGRICULTURE

Turtoi C., Gavrilesu C., Toma C.

**CASE LEBEAU AND FILLON VS. FRANCE- FARMS SPECIALISED
ON REARING PIGS: COMMERCIAL ACTIVITIES OR BUSINESS
PREMISES ? IN THE LIGHT OF THE EUROPEAN CONVENTION
OF HUMAN RIGHTS**

Morar D.E.

LEGAL MECHANISMS AND DISPUTES RELATED TO LAND

Diaconu –Mihalache C.M.

**ANALYSIS OF FINANCIAL AND ECONOMIC PERFORMANCES OF
SMEs IN THE AGRICULTURAL SECTOR IN ROMANIA**

Ilea M., Dumitras D.E., Patarlageanu R.

ECOTOURISM AS A VIABLE ALTERNATIVE FOR ECONOMIC DEVELOPMENT OF ROMANIAN RURAL COMMUNITIES

Andrei D.R., Gogonea R.M., Chiritescu V., Sztruten (Lefter) G.,
Busuioc F.M.

PREDICTIONS OF LABOR FORCE MOBILITY FROM ROMANIAN RURAL AREA IN “ORIZONT 2020”

Candoi-Savu R.A.

13:00 – 15:00 LUNCH

15:00 – 17:00 POSTER PRESENTATIONS – Hall of Life Sciences Institute

Chairman: Assoc. Prof. dr. Felix ARION

Moderators: Lect. dr. Marioara ILEA

Lect. dr. Alexandru SIMU

Secretary: Lect. dr. Iulia MURESAN

STUDY OF ROMANIA AS INTERNATIONAL TOURISM DESTINATION

Arion F., Muresan I., Muntean A.

TECHNICAL RESOURCES AND THEIR PARTICULARITIES AT THE SC CENTRUL AGRO TRANSILVANIA CLUJ SA

Armanca L.

DEVELOPING THE CONCEPT OF SUSTAINABLE AGRICULTURE IN THE ECONOMY OF ROMANIA

Bălăceanu C.

MAIN CHARACTERISTICS OF THE MARKETING DEPARTMENT INSIDE THE AGRO-FOOD COMPANIES FROM CLUJ COUNTY

Chiciudean G. and Chiciudean D.

STUDY REGARDING THE INFLUENCE OF COUNTRY OF ORIGIN (COO) OVER THE CONSUMER DECISION-MAKING PROCESS IN BUYING FOOD

Chiciudean D., Funar S. and Chiciudean G.

RESEARCH ON ENVIRONMENTAL PROTECTION AND MANAGEMENT IN ROMANIA

Cofas E. and Toma E.

**A PRELIMINARY MARKETING RESEARCH TO ASSESS THE
BUSINESS OPPORTUNITY FOR LAVENDER CROP**

Dumitras D.E. and Făgădar B.I.

**THE CURRENT PROBLEMS OF THE FARMER, SITUATION AND
PROSPECTS FOR RURAL AREAS OF KURDISTAN REGION, IRAQ**

Harun R., Arion F.H., Mureșan I.C.

**ANALYSIS OF THE FINANCIAL LEVERAGE EFFECT ON THE
COMPANY'S PROFITABILITY**

Ilea M. and Dumitras D.E.

**ROMANIA AND THE POLITICAL AGREEMENT FOR THE
COMMON AGRICULTURAL POLICY REFORM**

Jitea I.M., Dumitraș D.E., Pocol B.C.

**ASSESSING THE FOOD SELF-SUPPORTING OPPORTUNITIES IN A
TOURISM VALUED MOUNTAIN LANDSCAPE**

Lazăr-Băra A.P.

TOURISM PATHS THROUGH VRANCEA LANDSCAPES

Lazăr-Băra A.P.

ROMANIAN DAIRY POSITION ON THE INTERNATIONAL DAIRY

Merce I.I., Milin I.A., Ciolac R.M.

ANALYSIS OF TECHNIQUES FOR PRICING OF HOTEL SERVICES

Merce I.I., Milin I.A., Iancu T., Radac B.A.

ROMANIAN TOURISM STRENGTHS VERSUS WEAKNESSES

Milin I.A., Fruja I., Merce I.I., Petroman I.

**ISSUES RELATING TO AGRICULTURAL MARKETS AND TRADE
FAIRS ORGANIZED IN TIMISOARA**

Milin I.A., Gordean R., Merce I.I., Iancu T.

TOURIST'S SERVICES QUALITY IN PRAID SALT MINE

Mureșan I., Arion F., Oltean R.

PROMOTING SOCIAL INCLUSION IN THE ROMANIAN RURAL SPACE

Pocol C.B., Sestraş R.E., Sestraş A.F., Ilea M., Jitea I.M., Mihai V.,
Moldovan-Teseliu C.

ECOLOGICAL TERRORISM -BETWEEN DEFINITION AND REALITY-

Rotman A., Slave C., Man C.

THE POLLUTER PAYS PRINCIPLE AND REGENERATION CAPACITY OF NATURE

Rotman A., Slave C., Man C.

RESERVES AND STABILITY IN AGRICULTURE

Sarbovan M.L.

OPPORTUNITIES FOR OTHER GAINFUL ACTIVITIES IN SMALL AND VERY SMALL FARMS

Turtoi C., Toma C., Gavrilescu C.

SECTION 6 - 7: Animal Science and Biotechnology

Hall: A1 – Rectorate Building (map 1)

09:00 – 11:00 ORAL PRESENTATION

Chairman: Prof. DHC Stefano GREGO
Moderators: Prof. DHC Philippe THONART
Prof. DHC André THEWIS
Prof. assoc. dr. Daniel S. DEZMIREAN
Prof. assoc. dr. Mirela E. CADAR
Secretary: Lect.dr. Anamaria VÂTCĂ
Asist.dr. Ancuța ROTARU

SERICULTURE STATUS, PROBLEMS AND DEVELOPING STRATEGIES IN ROMANIA

Dezmirean D.S. and Mărghitaș L.Al.

MOLECULAR IDENTIFICATION OF BACTERIAL CONTAMINANTS IN APIARY WATER SOURCES

Aurori C., Dezmirean D. and Mărghitaș L.Al.

IMPORTANCE OF MELISSOPALYNOLOGY IN ADDITION TO PHYSICAL-CHEMICAL ANALYSIS ON BOTANICAL AUTHENTICITY TESTING OF MONOFLORAL HONEY

Bobîș O., Dezmirean D., Mărghitaș L.Al., Mărgăoan R., Bărnăușu L., Gherman B. and Bonta V.

THE NATURALLY CONDUCTED REPRODUCTIVE BEHAVIOR OF *SANDER LUCIOPERCA L.*

Drașovean Al.G., Grozea A. and Blidariu F.

RESEARCHES REGARDING THE MEAT TEXTURE OF *SIMMENTAL* BREED

Găină (Diaconu) N., Lazăr R., Diaconu E.C., Ciobanu M.M. and Boișteanu P.C.

INFLUENCE OF THE SAMPLING MOMENT OF POTATO MERISTEM OVER THE *IN VITRO* REGENERATION AND DIFFERENTIATION CAPACITY

Agud E.M., Zăpârțan M., Savatti M. and Laslo V.

APPLICATION OF THREE ALTERNATIVE TECHNOLOGIES (*SPRAY DRYING, FLUID BED DRYING AND FREEZE DRYING*) TO OBTAIN POWDERED FORMULAS FROM PLANTS WITH ANTIMICROBIAL EFFECT

Pop C., Ranga F., Fetea F. and Socaciu C.

A COMPREHENSIVE CHARACTERIZATION OF MILK PROTEIN GENETIC VARIANTS IN *CARPATHIAN GOAT* REARED IN ROMANIA AND ITS POTENTIAL USE IN BREEDING SCHEMES

Bălțeanu V., Carșai C., Amills M. and Vlaic A.

DETERMINATION OF TRANS-10-HYDROXY-2-DECENOIC ACID (10-HDA) IN TRANSYLVANIAN ROYAL JELLY

Mărghitaș L.Al., Bărnuțiu L., Dezmirean D., Bobiș O., Bonta V., Mărgăoan R. and Gherman B.

COMPARATIVE STUDY OF DIFFERENT ANTICOAGULANTS' EFFECT ON BLOOD CELL MORPHOLOGY IN COMMON CARP (*Cyprinus carpio*) AND RAINBOW TROUT (*Oncorhynchus mykiss*)

Lataretu Al., Teusdea V., Furnaris F., Bunea R. and Mitranescu E.

THE INFLUENCE OF ORGANIC SELENIUM (*SEL-PLEX*) ADMINISTERED IN THE FEED OF LAYING QUAILS, ON PRODUCTION PERFORMANCES AND EGG QUALITY

Măldărășanu T., Șara A., Bențea M., Gabor E. and Creța C.

INFLUENCE OF DIETARY PROTEIN LEVEL AND TYPE OF LITTER ON INCIDENCE AND SEVERITY OF FOOTPAD DERMATITIS IN BROILERS

Mihai C.S., Van I. and Ciurescu G.

CORRESPONDENCE ANALYSIS TO OBSERVE POTENTIAL GROUP OF BEEKEEPERS AS DIRECTION OF INTEREST AND DEMOGRAPHIC ISSUES

Marc L.M. and Mărghitaș L.Al.

LABELING OF HONEY WITHIN THE THREE DISTRIBUTION CHANNELS CASE STUDY OF NORTH WEST REGION OF ROMANIA

Marc L.M. and Mărghitaş L.Al.

11:00 – 11:30 COFFEE BREAK

11:30 – 13:00 ORAL PRESENTATION

HEMATOLOGICAL AND BLOOD BIOCHEMICAL CHARACTERIZATION OF NILE TILAPIA (*Oreochromis niloticus*, L. 1759) FED WITH AN ADDITIVE FEED, VITAMIN C, IN A RECIRCULATING AQUACULTURE SYSTEM

Mîrea (Ciortan) C., Cristea V., Petrea Şt.M., Antache A. and Placintă S.

QUANTITATIVE DETERMINATION OF VITAMIN C IN HONEY AND BEE POLLEN USING *HPLC-DAD* METHOD

Bonta V., Mărghitaş L.Al., Mărgăoan R., Bobiş O. and Dezmirean D.

THE USE OF CONTROL CHARTS TO MONITOR RAW MILK QUALITY AND UDDER HEALTH AT THE FARM LEVEL

Onaciu G., Pentelescu O. and Jurco E.

RESEARCH REGARDING THE KINEMATICS ANALYSIS OF AN OXER JUMPING IN YOUNG HORSES FROM DUMBRAVA, TIMIŞEŞTI STALLIONS' STORAGE, ROMANIA

Murariu F., Gîlcă I. and Murariu O.

VARIATION OF BIOCHEMICAL PARAMETERS OF OVINE BLOOD ACCORDING TO GENOTYPE AND SEX AFTER THE STALLING PERIOD

Murariu O.C., Boişteanu P.C., Lazăr R. and Murariu F.

THE EFFECTS OF SOME ADDITIVES ON PRODUCTION PERFORMANCES IN LAYING HENS

Benţea M., Şara A., Creţa C. and Ani (Toma) A.

THE EFFECTS OF SOME ADDITIVES ON EGGS QUALITY IN LAYING HENS

Şara A., Benţea M., Creţa C. and Ani (Toma) A.

IMPACT OF DISTILLATION PROCESS ON THE MAJOR VOLATILE COMPOUNDS AS DETERMINED BY *GC-FID* ANALYSIS IN GRAPE MARC SPIRIT

Coldea T.E., Mudura E., Ranta N. and Hadarean D.

VEGETABLE PRODUCTION IN AN INTEGRATED AQUAPONIC SYSTEM WITH RAINBOW TROUT AND SPINACH

Petrea Șt.M., Cristea V., Dediu L., Contoman M., Lupoae P., Mocanu (Crețu) M. and Coadă M.T.

CYTO-MORPHOLOGICAL PARTICULARITIES OF HAIR CUTICLE IN *CANIDAE* AND *FELIDAE* FAMILIES

Cadar M.E. and Szenkuti F.

POLYMORPHISM WITHIN PROLACTIN RECEPTOR (*PRLR*) GENE IN ROMANIAN BLACK AND WHITE AND ROMANIAN GREY STEPPE CATTLE BREEDS

Carșai T.C., Bălțeanu V., Coșier V. and Vlaic A.

FEMALE FERTILITY CURVE OF RAINBOW TROUT (*Oncorhynchus mykiss*) BY DIFFERENT AGES

Mireșan V., Cocan D., Răducu C., Constantinescu R. and Ihuț A.

13:00 – 15:00 LUNCH

15:00 – 17:30 ORAL PRESENTATION

SURVIVAL AND DEVELOPMENT AFTER INCUBATING AND HATCHING OF RAINBOW TROUT (*Oncorhynchus mykiss*) LARVAE IN TWO DIFFERENT FARMING SYSTEMS

Cocan D., Mireșan V., Constantinescu R., Răducu C. and Ihuț A.

PREDICTION OF SENSORY QUALITY AND COKING LOSS OF PORK COOKED HAM BY USING FRESH MEAT QUALITY PARAMETERS (pH, COLOR, DRIP LOSS AND MOISTURE CONTENT)

Sima C., Kapper C. and Mireșan V.

**HONEYBEE-COLLECTED POLLEN FROM TRANSYLVANIA:
PALYNOLOGICAL ORIGIN, PHENOLIC CONTENT
AND ANTIOXIDANT ACTIVITY**

Mărgăoan R., Mărghitaş L.Al., Dezmirean D., Bobiş O., Tomoş L.,
Mihai C. and Bonta V.

**CONTRIBUTIONS TO IMPROVEMENT OF PIGLETS'
MAINTENANCE CONDITIONS**

Cornoiu I. and Toader I.

**MYSTERY KILLER PUT THE HONEYBEE IN DANGER:
MICROBES, GENETICS, EVOLUTION, BEHAVIOR?**

Gherman B., Bărnuţiu L., Dezmirean H., Dezmirean D., Nagy A. and
Mărghitaş L.Al.

**GROWTH PARTICULARITIES OF RAINBOW TROUT (*Oncorhynchus
mykiss*) IN VALEA BISTRIŞORII FISHERY, ALBA COUNTY**

Iluţ A., Mireşan V., Răducu C., Cocan D. and Constantinescu R.

**VALORIZATION OF ZOOTECHNICAL POTENTIAL WITHIN THE
TERRITORIAL CAPITAL OF BANAT, THROUGH ECO-BIO-GEO-
ECONOMIC STRATEGY**

Matiuti M., Bogdan Al.T. and Matiuti C.L.

15:00 – 17:00 POSTER PRESENTATIONS – Hall of Life Sciences Institute

**EFFECT OF THE ESTROUS CYCLE STAGE ON FOLLICULAR
POPULATION, OOCYTE YIELD AND QUALITY, AND
BIOCHEMICAL COMPOSITION OF SERUM AND FOLLICULAR
FLUID IN *ANATOLIAN WATER BUFFALO***

Acar D.B., Birdane M.K., Dogan N. and Gurler H.

**ORGANIC *VERSUS* CONVENTIONAL WHEAT BRAN CONTENT
IN SOME HEAVY METALS**

Aioanei N.M. and Pop I.M.

**CALCIUM AND PHOSPHORUS CONTENT IN SOME ORGANIC
AND CONVENTIONALLY PRODUCED FODDER USED IN CATTLE
FEEDING**

Aioanei N.M. and Pop I.M.

**RELATIONSHIPS BETWEEN ULTRASOUND MEASUREMENTS
AND CARCASS COMPOSITIONS IN *KARAYAKA* SHEEP**

Akdag F., Teke B., Meral Y. and Arslan S.

**THE GROWTH PERFORMANCE OF *OREOCHROMIS NILOTICUS*
REARED IN A RECIRCULATING AQUACULTURE SYSTEM IN
CONDITION OF SOME PHYTOBIOTICS ADMINISTERED IN FEED**

Antache A., Cristea V., Dediu L., Vasilean I., Petrea Şt.M. and
Coadă M.T.

**NITRITE CONTENT OF MIXED FODDER USED IN LAYING HENS'
FEEDING IN DIFFERENT SYSTEMS OF PRODUCTION
(CONVENTIONAL AND ORGANIC)**

Bologa M. and Pop I.M.

**RESULTS OBTAINED IN ARTIFICIAL REPRODUCTION OF
TENCH (*Tinca tinca*) DEPENDING OF THE HORMONAL
STIMULATION**

Bucur C., Vizitiu D., Radu D. and Costache M.

**KAPPA-CASEIN GENETIC VARIANTS AND THEIR
RELATIONSHIPS WITH MILK PRODUCTION AND QUALITY IN
MONTBÉLIARDE DAIRY COWS**

Bugeac T., Bălteanu V.A. and Creangă Şt.

**BREEDING AND DEVELOPMENT SPECIFIC INDICES IN YOUTH
CATTLE MALES OF *ROMANIAN SPOTTED* BREED FOR MEAT
PRODUCTION**

Cadar M.E., Mireşan V. and Răducu C.

**INDUSTRIAL SLAUGHTERING AND ITS EFFECT ON THE
QUALITY OF CHICKEN MEAT COMMERCIALIZED
IN IAŞI COUNTY, ROMANIA**

Ciobanu M.M., Lazăr R., Postolache A.N., Bugeac T. and Boişteanu P.C.

**CORRELATIONS BETWEEN AGE OF RAINBOW TROUT
(*Oncorhynchus mykiss*) FEMALE AND THEIR FERTILITY INDICES**

Cocan D., Mireşan V., Constantinescu R., Răducu C. and Ihuţ A.

INFLUENCE OF ENVIRONMENT FACTORS ON PIGLETS' VIABILITY IN POPULATION FARMSTEADS FROM CLUJ COUNTY INCIDENCE

Cornoiu I. and Toader I.

STUDIES REGARDING THE FLORA ANALYSIS OF THE ORGANIC FARM FROM PETROVA, MARAMUREȘ COUNTY

Criste D., Mihai G., Sima N., Sima R., Pleșa D., Medrea I., Botiș A. and Muncaciu S.

THE INFLUENCE OF SOME PREBIOTICS (*ACTIGEN, BIO-MOS*) ADMINISTERED IN LAYING QUAILS FEEDS ON GROWTH PERFORMANCES AND EGG QUALITY

Măldărășanu T., Șara A., Bențea M. and Mureșan C.

FLORAL ORIGIN OF DIFFERENT BEE POLLEN SAMPLES

Mărgăoan R., Mărghitaș L.Al., Dezmiorean D. and Bobiș O.

THE INVOLVEMENT OF NON-GOVERNMENTAL ASSOCIATIONS IN THE ZOOTECHNY DEVELOPMENT IN BANAT

Matiuti M., Bogdan Al.T. and Matiuti C.L.

SHEEP FERTILITY DEPENDING ON THE APPLIED DOSAGE OF GONADOTROPIC HORMONE DURING INDUCTION AND SYNCHRONIZATION OF ESTRUS IN ANESTRIC SEASON

Mekić C., Perišić P., Novaković Z., Petrovic P.M., Vujić M.R. and Vujić P.R.

EFFECT OF PARTIAL SUBSTITUTION OF SOYBEAN MEAL WITH LUPINE SEEDS IN FEEDING LAYING HENS ON PRODUCTION AND ECONOMIC PERFORMANCE

Mierliță D.

ANATOMICAL AND HISTOLOGICAL COMPARATIVE STUDY OF THE ESOPHAGUS AND STOMACH IN RAINBOW TROUT, FROM DIFFERENT GROWTH SYSTEMS

Mișeșan V., Cocan D., Miclăuș V., Chirilean I., Cadar M., Răducu C., Constantinescu R. and Ihuț A.

EFFECT OF FEEDING FREQUENCY ON BODY COMPOSITION OF RAINBOW TROUT (*Oncorhynchus mykiss*, WALBAUM 1792)

Mocanu (Cretu) M., Cristea V., Dediu L. and Petrea Șt.M.

EFFECT OF BREEDING TECHNOLOGY OF YOUNG CATTLE FROM THE *VALDOSTANA* BREED IN AGRICULTURAL CONDITIONS OF CLUJ COUNTY, TRANSYLVANIA REGION

Onaciu G., Jurco E., Pentelescu O. and Negrea O.

COMPARISON OF TESTOSTERONE CONCENTRATIONS IN BARROWS AND GILTS AND GROWTH OF SELECTED FATTY TISSUE

Petrák J., Debrecéni O. and Bučko O.

EVOLUTION OF RABBITS' RAISING AND COMMERCIAL BALANCES OF THE MEAT ON INTERNATIONAL AND LOCAL SCALE

Popescu-Micloșanu E. and Stanciu N.

STUDY OF QUALITY PARAMETERS OF RAW MILK USED TO OBTAIN PRODUCTS' ASSORTMENTS FROM NW AREA IN TRANSYLVANIA

Răducu C., Mireșan V., Negrea O., Cadar M., Coroian A., Iurca I., Cocan D., Constantinescu R. and Ihuț A.

GROWTH PERFORMANCE AND SURVIVAL RATES OF UN-WEANED F₁ *GERMAN BLACKHEADED* MUTTON X *TURCANA* CROSSBRED LAMBS UNDER ORGANIC PRODUCTION SYSTEM

Sauer M., Gavojdian D., Padeanu I. and Sauer W.I.

PHYSIOLOGICAL EFFECTS OF NATURAL ZEOLITES IN FISH FARMS' FEEDING

Ștețca Gh. and Morea A.

THE QUALITY OF POULTRY MEAT IN VARIOUS TYPE OF PACKAGING STORED UNDER REFRIGERATION CONDITIONS

Surmei E., Usturoi M.G., Niculaua M., Albu A. and Cotfas I.

EFFICIENT SOLUTIONS FOR WASTE WATER TREATMENT IN LIVESTOCK PRODUCTION SYSTEMS

Tănășescu I. and Sîrbu M.

EFFECT OF TEMPERATURE-HUMIDITY INDEX AND COLD STRESS ON BIRTH WEIGHT OF *JERSEY* CALF

Ugurlu M., Teke B. and Akdag F.

D-TRYPTOPHAN MONITORED BY SURFACE-ENHANCED RAMAN SCATTERING

Andronie L. Miresan V., Pop I. Taralunga G., Raducu C., Rotaru A. and Coroian A.

THE INCIDENCE OF *AFLATOXIN M1* IN RAW AND PASTEURIZED MILK FROM TRANSYLVANIA COUNTY

Popstu S., Pop C., Duma M., Rotar A.M. and Semeniuc C.A.

CRYOPRESERVATION OF ROSE CULTIVARS: COMPARISON OF TWO ENCAPSULATION PROTOCOLS

Halmagyi A., Vălimăreanu S., Coste A. and Deliu C.

CHARACTERIZATION OF YOGURT WITH ADDED MINT ESSENTIAL OIL AND *LACTOBACILLUS HELVETICUS*

Jimborean M., Socaci S., Țibulcă D. and Păucean A.

COMPARATIVE ANTIBACTERIAL ACTIVITY OF DIFFERENT PLANT EXTRACTS IN RELATION TO THEIR BIOACTIVE MOLECULES DETERMINED BY *LC-MS*

Pop C., Vodnar D. and Socaciu C.

PRELIMINARY INVESTIGATION REGARDING THE ANTIFUNGAL ACTIVITY OF *SAMBUCUS NIGRA* EXTRACTS

Rodino S., Negoescu C., Butu M. and Cornea P.C.

ECOBIOECONOMIC INTEGRATION OF FISH CULTURE AND VEGETABLE FARMING IN AQUAPONIC INNOVATIVE TECHNOLOGY

Sonea C.G., Bogdan A.T., Craciun N., Bogdan D., Toba G.F., Strateanu A., Serea R.S. and Enache M.

FOOD DEFENSE AND AGRI-ENVIRONMENTAL DEFENSE, BASED ON ANIMAL SCIENCE AND BIOTECHNOLOGY, INVOLVED IN THE ECO-LAW AND BIO-LEGISLATION FOR HUMAN KIND WELFARE

Străteanu A.G., Comșa D., Bogdan A.T. and Șonea C.G.

**NEW BIO-ETHICAL INTERPRETATIONS OF BIO-LAW
REGARDING INTEGRATED PROTECTION OF NATURAL FOOD
RESOURCES WITH ANIMAL ORIGIN BASED ON BIO-ECONOMIC
GROWTH**

Străteanu A.G., Stan S., Bogdan A.T., Enache M.L., Ipate I. and
Dănacu V.

SECTION 8: Fundamental and Preclinical Sciences

Hall: Blue Hall - Veterinary Medicine (map 5)

09:00 – 11:00 ORAL PRESENTATIONS

Chairman: Dr. Angelo FERRARI
Moderators: Prof. Tolga GUVENC
Conf. Dana PUSTA
Assoc. Prof. Mihai CERNEA
Secretary: Assoc. Prof. Cristina CERNEA
Assist. Univ. Ciprian OBER

BOSE-EINSTEIN AND FERMI-DIRAC DISTRIBUTIONS AND THEIR USE IN BIOLOGICAL SCIENCES

Hășmășanu M.G., Bolboacă S.D., Jăntschi L.

ANATOMICAL STUDY OF THE CEREBRAL HEMISPHERES IN THE CHINCHILLA

Irimescu I., Chende A., Giurco F., Damian A.

NUCLEAR MORPHOMETRY AND THE KI67 EXPRESSION - PREDICTIVE MARKERS USED IN CANINE NON-HODGKIN LYMFOMA

Irimie Al., Tăulescu M., Sevastre B., Vidrighinescu R., Cătoi C.

ASPECTS CONCERNING THE MORPHOLOGY AND TOPOGRAPHY OF THE LYMPH NODES IN PELVIC LIMB IN SWINE

Iscru I., Predoi G., Georgescu B., Belu C., Dumitrescu I., Șeicaru A.,
Petronela Roșu

FUNGAL INCIDENCE IN LAYING HENS FARM

Lorin D.

THE EFFECT OF NIFEDIPINE ON EXPERIMENTAL EXERCISE CAPACITY

Luput G. D., Preda N.D., Safta L.

THE IMPACT OF THE BIOR REMEDY ON CERTAIN PARAMETERS OF THE PROOXIDANT (OXIDANT) - ANTIOXIDANT SYSTEM ADMINSTRATED TO BROILERS FROM THE 2ND DAY OF LIFE

Macari V., Putin V., Macari A., Gudumac V., Didoruc S.

DETECTION OF AFLATOXIN B1 IN FODDERS CORRELATED WITH THE LEVEL OF AFLATOXIN M1 IN MILK FROM TRANSYLVANIAN DAIRY COW FARMS

Macri A., Szakacs Ar., Matei S.

THE ANTIBACTERIAL ACTIVITY OF SOME PLANT EXTRACTS

Manole C., Butu A. E., Balan V.

WHY IS THE BIOETHICS OF THE ANIMALS EXPERIMENTATION REQUIRED? CURRENT SHORTCOMINGS AND CHALLENGES FOR BIOMEDICAL RESEARCH

Marcus I.

ANATOMICAL STUDIES CONCERNING THE SKELETON OF THE HEAD IN ALIGATOR (ALLIGATOR MISSISSIPPIENSIS)

Martonos C., Dumitru I., Dezdrobitu C., Blendea Al., Irimescu I., Damian A.

ARTHROGRAPHY IN CATS WITH NONIONIC CONTRAST AGENT ULTRAVIST 300

Morar G., Purdoiu R.C., Lăcătuș R., Tule H., Papuc I.

11:00 – 11:30 COFFEE BREAK

11:30 – 13:00 ORAL PRESENTATIONS

Chairman: Prof. Sylvain BELLIER
Moderators: Prof. Valeria GRIECO
Lect. Adela PINTEA
Lect. Razvan STEFAN
Secretary: Assoc. Prof. Cosmin PESTEAN
Assoc. Prof. Anca CHEREJI

ANOVA ANALYSIS FORSEAZONAL VARIABILITY OF PHYSICO - CHEMICAL - BIOLOGICAL STATE PARAMETERS. STUDY CASE OF CANDELARO RIVER (ITALY)

Murariu G., Georgescu L., Iticescu C., Topa C., Dobrea M.,
Dobrea (Popescu) A. Al.

THE SENSITIVITY OF SOME CANDIDA SPP. STRAINS ISOLATED FROM ANIMALS TO NATURAL EXTRACTS

Nadăş G., Fiş N., Flore C., Bouari C., Răpunţean S

CORRELATION BETWEEN HEPATIC LIPOGRANULOMA PIGMENTATION AND STAGE OF CRONIC LIVER DISEASE IN DOGS

Nagy A., Bolfa P.F., Taulescu M., Tabaran F., Gal A.F., Catoi C.

THE POSTDIAPHRAGMATIC DIGESTIVE TRACT IN THE GOAT (CAPRA HIRCUS) AND THE ROE DEER (CAPREOLUS CAPREOLUS)

Nuţ C., Martonoş C., Dumitru I., Irimescu I., Tuns F., Damian A.

ASSESSMENT OF MILK PRODUCTION IN LACTATING PIG SOWS

Ognean L., Vlasiu A., Bereş M.Gh, Sărândan H., Ştefănuţ C., Oltean M., Someşan R.

COMPUTED TOMOGRAPHY IMAGING OF FEMORAL BONE DEFECTS IN RATS TREATED WITH AD DIEE BIOPHYTOMODULATORS

Oros D., Oana L., Purdoiu R., Crecan C., Dincă A.

ANTIOXIDANT ACTIVITY OF POLYPHENOLS EXTRACTED FROM DOG ROSE (ROSA CANINA) FRUITS ON MYOGLOBIN AND LIPIDS IN REFRIGERATED MINCED BEEF

Papuc C., Nicorescu V., Predescu N. C., Petcu C.

BEHAVIOR THERAPY IN SEPARATION ANXIETY IN DOG

Papuc I., Deac L., Purdoiu R.C.

CORRELATION BETWEEN HEMATOLOGICAL PARAMETERS AND BABESIA SPP. INFESTATION IN ANIMALS

Pavel G., Mălăncuș R.

INDIFFERENCE TO HUMANS AS A WELFARE INDICATOR FOR WORKING HORSES

Popescu S., Borda C., Diugan E.A., El Mahdy C., Spinu M., Sandru Cd.

13:00 – 14:30 LUNCH

15:00 – 17:00 – ORAL PRESENTATIONS

Chairman: Prof. Miguel Moreno MILLAN

Moderators: Prof. Tolga GUVENC

Lect. Nicodim FIT

Assoc. Prof. Adrian MACRI

Secretary: Assoc. Prof. George NADAS

Assoc. Prof. Cristrina CERNEA

THE EFFECT OF REFRIGERATION ON SOME ANTIOXIDANTS AND SOLUBLE PROTEINS IN EGGS

Predescu N., Papuc C., Nicorescu V.

ASPECTS REGARDING THE CLONING TECHNIQUES AND THEIR APPLICATIONS IN ANIMALS

Pusta D., Sobolu R.

PROTECTIVE EFFECT OF CAFFEIC AND ROSMARINIC ACID ON THE INDUCED PHOTOSENSITIZATION IN RETINAL PIGMENT EPITHELIAL CELLS

Rugină D., Bunea A., Sanda A., Pinteia A.

VISCUM ALBUM L. INFLUENCE ON THE ACTIVITY OF ANTIOXIDANT ENZYMES IN EHRlich TUMOR CELLS IN VIVO

Orsolya Sárpataki, Sevastre B., Stan R, Olah N., Hanganu D., Ioana B., Ionescu Corina, Marcus I.

ASSEMENT OF EUONYMUS EUROPAEUS ACUTE TOXICITY IN VIVO

Sevastre B., Sarpataki O., Neli K. Olah, Bedecean I., Marcus I.

MORPHOLOGICAL AND PHYSIOLOGICAL PARTICULARITIES OF THE POPULATION OF RUMEN PROTOZOA IN DOMESTIC RUMINANTS

Niculescu Ș., Ștefănuț (Cernea) L. C., Ognean L., Bolfă P.F.

ACTUALITIES REGARDING OBTAINING ECOLOGICAL DAIRY PRODUCTS

Someșan R., Ognean L., Trîncă S., Vlasiu A., Hărșan R.

LYMPH NODE TOPOGRAPHY OF DOE MAMMARY GLANDS. ANATOMICAL AND HISTOLOGICAL STUDY

Stan F.Gh.

MORPHOLOGICAL AND MORPHOMETRIC CHARACTERIZATION OF THE NUCLEUS OF NEUTROPHILS IN DOGS, USING THE IMAGEJ® SOFTWARE

Ștefan A.C., Szabó Gy., Ciudin T., Toma F.-G., Marcus I.

MORPHOLOGICAL EXAMINATION OF THE HEMOLYMPH OF LASIODORA SP. (ARANEAE: THERAPHOSIDAE)

Ștefănuț (Cernea) L. C., Ognean L., Peștean C., Cernea M., I. Roxana, Turcu H.

THE IMPACT OF CONTAMINATION WITH FUNGI AND MYCOTOXINS ON THE FEED QUALITY IN A BEEF FARM FROM MARAMURES COUNTY

Szakacs A.R., Podut M., Szakacs B.V., Matei S., Macri A.

THE COMBINED THERAPY WITH RESVERATROL AND HYPOTHERMIA PREVENTS APOPTOSIS IN A NEONATAL RAT MODEL OF GLOBAL HYPOXIC-ISCHEMIC ENCEPHALOPATHY

Toader A., Cătoi F., Dogaru G., Tabaran F., Anescu C., Farcas L., Grad O., Muresan A.

THE INFLUENCE OF OXYTETRACYCLINE OVERDOSE ON SOME HEMATOLOGICAL PARAMETERS IN BROILERS

Trîncă S., Ognean L., Chiuurciu V., Chiuurciu C., Arion Al., Dumitru I.

EVALUATION OF BPV INFECTION IN UROTHELIAL LESIONS FROM A NUMBER OF CATTLE IN THE NORTH-CENTRAL REGION OF ROMANIA

Vidrighinescu R., Taulescu M., Balteanu V., Irimie Al., Catoi C.

17:00 – 17:30 COFFEE BREAK

17:30 – 19:00 POSTER PRESENTATIONS

Chairman: Prof. Jovan BOJKOVSKI
Moderators: Prof. Mustafa BUCAK
Lect. Viorica MIRCEAN
Assoc. Prof. Silvana POPESCU
Secretary: Assoc. Prof. George NADAS
Assoc. Prof. Cristian MAGDAS

THE LEVEL OF MICROCLIMATE FACTORS IN A CATTLE FARM

Borda C., Popescu S., El Mahdy I.C., Tașcă I., Toma G. C., Lazăr A.

AEROMICROFLORA'S LEVEL IN A CATTLE FARM

Borda C., Popescu S., El Mahdy I.C., Ciudin T., Toma S.A.

THE THERAPEUTIC POTENTIAL OF GREEN TEA CATECHINS FOR EXPERIMENTAL PROTOZOOSES IN MICE

Bouari C., Borza G., Bolfă P., Fiț N., Gal A., Tăulescu M., Nadăș G., Răpunțean S., Chirilă F., Tăbăran F., Nagy A., Cătoi C.

EFFECTS OF QUERCETIN AND CHRONIC (TRAINING) EXERCISE ON OXIDATIVE STRESS STATUS IN ANIMALS WITH STREPTOZOTOCIN-INDUCED DIABETES

Chis I., Baltaru D., Marton A., Maier M., Muresan A., Clichici S.

THE EFFECT OF OVERPOPULATION ON NEUTROPHILE/LYMPHOCYTE RATIO AND WBC, IN NORMAL AND PROPRANOLOL TREATED RATS

Cotor G., Gajaila G., Dobrea M., Gajaila I.

THE EFFECT INDUCED BY CHANGING OF CONDITIONS OF MAINTENANCE AND EXPLOITATIONS OF DRAFT HORSES, OVERSOME BLOOD PARAMETERS

Cotor G., Gajaila G., Dobrea M., Gajaila I.

NITRO-OXIDATIVE STRESS IN EXPERIMENTAL PERIODONTITIS

Culic C., Alb S., Alb C., Taulescu M., Horia D., Parvu A. E., Pop A.

THE INFLUENCE OF pH ON THE GROWTH OF SOME *LACTOBACILLUS* STRAINS WITH DIFFERENT ORIGINS

Dobrea (Popescu) A.A, Savu C., Dobrea M., Gâjâilă I., Cotor G., Georgescu M., Murariu G., Georgescu L.

THE ANTIBACTERIAL ACTIVITIES OF *LAVANDULA STOECHAS* AND *CREPIS SANCTA* LEAF AND FLOWER AGAINST MASTITIS PATHOGENS AND ENZYMATIC AND NONENZYMATIC ANTIOXIDANT ACTIVITIES OF THE EXTRACTS

Ergun N., Okmen G., Erdal P., Cantekin Z., Ergun Y.

STUDY REGARDING THE SENSITIVITY OF STAPHYLOCOCCI STRAINS ISOLATED FROM MASTITIS COW MILK TO PROPOLIS EXTRACTS

Fit N.I, Chirilă F, Nadas G, Rapuntean S, Bouari Cuc C.

THE ANTIBACTERIAL ACTIVITY OF *LIQUIDAMBAR ORIENTALIS* MILL. AGAINST MASTITIS PATHOGENS AND ANTIOXIDANT CAPACITY OF LEAF EXTRACTS

Gülten Ökmen, Zafer Cantekin, Onur Turkcan, Yaşar Ergun

DETERMINATION OF GENOTYPE AND CELLULAR PRION PROTEIN DISTRIBUTION IN KARAYAKA SHEEP

Guvenc T., Gulbahar M.Y, Karayigit O., Gacar A., Kabak Y.B., Yarim M., Ustunakin K., Hicyilmaz Z.

COMPARATIVE ASPECTS REGARDING THE THORACIC LIMB MUSCLES IN DOMESTIC PIG AND WILD BOAR

Iscru I, Predoi G, Georgescu B, Belu C, Dumitrescu I, Şeicaru A., Roşu P.

THE ANATOMY OF ARTICULATIO TEMPOROMANDIBULARIS AND MASTICATORY MUSCLES IN THE ROE DEER (*CAPREOLUS CAPREOLUS*)

Kabak M., Tütüncü Ş., Yilmazer B., Onuk B.

DETERMINATION OF APOPTOSIS IN LIVER AND KIDNEY TISSUES IN EXPERIMENTAL COPPER TOXICITY IN RATS

Kabak Y.B., Gulbahar My.

SUBCUTANEOUS RHABDOMYOMA IN A SHEEP

Kabak Yb, Gacar A, Gulbahar My, Sozmen M, Yarim M, Guvenc T.

THE ANTIBACTERIAL ACTIVITY OF SOME PLANT EXTRACTS

Manole C.G., Butu A. E., Balan V.

COMPARATIVE STUDY OF STATE PARAMETERS FOR AQUATIC SYSTEMS LAGOON. CASE STUDY - LEAHOVA LAGOONS AND SINOE (ROMANIA) AND CESINE (ITALY)

Murariu G., Georgescu L., Iticescu C., Topa C., Mocanu I.R., Dobrea M., Dobrea (Popescu) Al.

TRANSFUSION BLOOD COMPATIBILITY EVALUATION IN CATS USING CROSSMATCH TESTS

Ognean L., Ștefănuț C., Moldovan M., Barabási I., Arion Al., Oltean M.

THE ANTIBACTERIAL ACTIVITY OF LIQUID AMBAR ORIENTALIS MILL AGAINST MASTITIS PATHOGENS AND ANTIOXIDANT CAPACITY OF LEAF EXTRACTS

Ökmen G., Cantekin Z., Turkcın O., Ergün Y.

POLYPHENOLIC CONTENT AND FREE RADICALS SCAVENGING ACTIVITY OF A BLACK RADISHALCOHOLIC SYRUP

Papuc C., Predescu N. C., Nicorescu V.

QUALITATIVE BEHAVIOURASSESSMENT OF DAIRY COWS HOUSED IN TIE- AND FREE STALL HOUSING SYSTEMS

Popescu S., Borda C., Diugan E.A., El Mahdy C., Spinu M., Sandru C.D.

EVOLUTION OF HORMONAL CONTROL OF CALCIUM AND PHOSPHORUS METABOLISM IN DIFFERENT HEN BREEDS DURING THE LAYING CYCLE

Preda C, Bălăceanu R., Dojană N.

THE ANTIOXIDANT ACTIVITY OF ACACIA AND LIME ROMANIAN HONEYS

Predescu N. Corina, Papuc C. and Nicorescu V.

EFFECTS OF ANAKINETIC STRESS AND GALIUM VERUM EXTRACT ON THYROID AND OVARY MORPHOLOGY IN WISTAR RATS

Roman I., Puică C.

EVALUATION OF INNOCUITY OF ISOFLURANE IN RAT LUNG AND LIVER

Ruxanda F., Peștean C., Bel L., Moldovan R., Rus V., Miclăuș V., Oana L.

COMPARATIVE ANATOMICAL STUDY OF THE LARGE INTESTINE IN RABBIT AND CHINCHILLA

Stan F., Damian A., Gudea A., Dezdrobotu C., Bob D., Martonoș C., Bochiș I., Pogana B.

INTERACTION BETWEEN KUPFFER CELLS AND CARBON NANOTUBES-TRANSITION FROM BIODISTRIBUTION AND TOXICITY TO KUPFFER CELL TARGETED THERAPY

Tabaran F., Cătoi C., Clichici S., Mocan T., Mocan L., Biris S., Stefania S., Nagy A., Taulescu M., Bolfă P.F.

SEVERE GALLBLADDER HYDROPS (MUCOCEL) FOLLOWING OBSTRUCTIVE CHOLANGIOMA (BILIARY ADENOMA) IN A CATTLE

Tabaran F., Bolfă P.F., Nagy A., Taulescu M., Gal A., Boari C., Borza G., Cătoi C.

THE DEVELOPMENT OF HEMATOLOGICAL PROFILE IN EXPERIMENTAL GROUPS BROILER CHICKENS GIVEN OVERDOSES OF ERYTHROMYCIN

Trîncă S., Ognean L., Chiurciu V., Chiurciu C., Arion Al., Dumitru I.

MORPHOLOGICAL AND BIOLOGICAL PROPERTIES OF *STAPHYLOCOCCUS SPP.* ISOLATED IN CANINE PYODERMA

Vasilescu C.A., Togoe I

THE EXPRESSION OF Ki-67 AS A MARKER OF PROLIFERATION IN UROTHELIAL LESIONS IN CATTLE

Vidrighinescu R., Taulescu M., Irimie Ale., Stefan A., Catoi C.

SECTION 9: Clinical Sciences Section

Hall: Council Hall – Veterinary Medicine (map 5)

09:00 – 11:00 ORAL PRESENTATIONS

Chairman: Prof. Hans Henrik DIETZ
Moderators: Prof. Jovan BOJKOVSKI
Assoc. Prof. Sorin MORARIU
Assoc. Prof. Andi MIHALCA
Secretary: Assoc. Prof. Florin BETEG
Assist. Univ. Iuliu SCURTU

LESION LOCALIZATION IN PATIENTS WITH SPINAL CORD DISEASE IN SMALL ANIMALS

Fernoaga C., Codreanu M., Cornila M.

PSEUDOHERMAPHRODITISM IN A SAANEN GOAT

Findik M., Guvenc T., Gultiken N., Kabak Y.B.

PERFORMANCE OF SOME VARIABLES USED AS A PROCEDURE FOR ESTIMATING SEXUAL CAPACITY (FERTILITY) OF THE RAM

Focșăneanu V., Bogdan L., Blaga Petrean A., Andrei S., Bogdan S.

BOVINE PARATUBERCULOSIS IN REPUBLIC OF SRPSKA, BOSNIA AND HERZEGOVINA (CASE REPORT)

Galić B., Vlatković - Šekarić B., Bojkovski J. and Šarenac N¹

THE PROTECTIVE EFFECT OF MESENCHYMAL STEM CELLS ON THE SEMINAL LINE CHANGES IN RATS EXPOSED TO DOXORUBICIN

Groza, I, Pall, E., Cenariu, M., Ciupe, S., Marina, M.

RESEARCH REGARDING AORTIC BYPASS IN PIGS

Hodis L., Muste A., Beteg F., Dîrlea I., Stroe T., Muste M.

EFFECT OF FAT TYPE ON CHEMICAL AND QUALITY ATTRIBUTES OF CHICKEN BURGERS

Jecan C., Mihaiu M., Dan S.D., Lapusan Al., Cordis I.V., Cordea D.V.

DETERMINATION CHARACTERISTIC BLOOD ORGANIC PARAMETERS IN PERIPARTAL AND PEAK LACTATION DAIRY COWS

Krsmanović M., Djoković R. and Bojkovski, J

EVALUATION ON THE ANTIMICROBIAL RESISTANCE GENES' OCCURRENCE IN E.COLI STRAINS ISOLATED FROM HUMANS AND POULTRY MEAT

Lăpușan Al., Mihaiu L., Mihaiu M., Dan S.D., Jecan C., Cordiș I.V., Cordead.V.

MOLECULAR CHARACTERIZATION OF *MYCOBACTERIUM AVIUM* SUBSP. *AVIUM* AND *MYCOBACTERIUM AVIUM* SUBSP. *PARATUBERCULOSIS* BY MIRU-VNTR TYPING

Macovei I.I., Cochard T., Pavel I., Biet F., Savuța Gh.

ROLE OF KYNURENINE PRODUCTION IN MICROBIAL INTERACTIONS BETWEEN *PSEUDOMONAS AERUGINOSA* AND *CANDIDA ALBICANS*

Matei I.A., Dayde D., Cornet M.

ANTIMICROBIAL RESISTANCE EVALUATION OF PATHOGEN SALMONELLA STRAINS ISOLATED IN PORK AND POULTRY MEAT

Mihaiu L., Mihaiu M., Lăpușan Al., Dan S.D., Jecan C., Cordiș I.V., Cordead.V.

11:00 – 11:30 COFFEE BREAK

11:30 – 13:00 ORAL PRESENTATIONS

Chairman: Prof. Walter BAUMGARTNER

Moderators: Prof. Leonard MEOMARTINO

Prof. Vasile VULPE

Prof. Ioan GROZA

Secretary: Assoc. Prof. Alexandru POP

Assoc. Prof. Mihaela NICULAE

AFLATOXIN MINCINCENCE IN MILK PRODUCED IN TWO REGIONAL SURVEILLANCE SYSTEMS FROM TRANSYLVANIA AREA

Mihaiu M., Lăpușan Al., Dan S.D., Jecan C., Cordiș I.V., Cordead.V

GLOBETROTTING FOR PARASITES: THE LAST 7 YEARS

Mihalca A.D

EFFICACY OF TPO IN COXOFEMORAL DYSPLASIA IN DOG

Muste M., Tanase A., Beteg F., Muste A., Lacatus R., Stroe T.F.

RODENT FAUNA OF CHISINAU AIRPOT

Nistreanu V., Larion A.

COMPUTED TOMOGRAPHY IMAGING OF FEMORAL BONE DEFECTS IN RATS TREATED WITH AD DIEE BIO-PHYTOMODULATORS

Oros D., Oana L., Purdoiu R., Crecan C., Dincă A.

IDENTIFICATION OF COW DNA IN SHEEP AND GOAT TRADITIONAL DAIRY PRODUCTS

Pivariu B., Lăpușan Al., Mihaiu L., Mihaiu M., Dan S.D., Jecan C., Cordiș I.V., Cordead.V.

ASSESSMENT OF LONG BONE FRACTURES HEALING OUTGOING MINIMALLY INVASIVE PLATE OSTEOSYNTHESIS IN DOGS

Proteasa A., Dascălu R., Schuszler L., Sala A., Igna C.

REPRODUCTIVE PROBLEMS AND WELFARE OF DAIRY COWS

Relić R., Vuković D.

COLOSTRUM MANAGEMENT IN CALVES' WELFARE RISK ASSESSMENT

Relić R., Hristov S., Samolovac Lj., Bojkovski J., Rogožarski, J.

FEEDING PIGS ON INDUSTRIAL TYPE FARMS AIMED AT OBTAINING LARGE AMOUNTS OF Ω -3 FATTY ACIDS

Rogožarski D., Prokić N. and Bojkovski J.

IMPROVING OF PIG PRODUCTION BY INTRAUTERINE ARTIFICIAL INSEMINATION AND OTHER BIOTECHNOLOGICAL SOLUTIONS

Rogožarski D, Petrujkić B, Prokić N, Bojkovski J, Mirilović M

THE PROGNOSIS OF THE STATE OF HORSES-ATOPIC WITH USING THE RESPONSE INHIBITION OF LYMPHOCYTES.

ROMANOVA O., KRIACHKOO.

PECULIARITY OF RELATIONS IN ITESTINAL COMMUNITY OF HELMINTHES

Romashov B., Romashova N.

13:00 – 14:30 LUNCH

15:00 – 17:00 ORAL PRESENTATIONS

Chairman: Prof. Renata RELIC
Moderators: Prof. Murat FINDIK
Assoc. Prof. Simona CIUPE
Lect. Calin GHERMAN
Secretary: Assoc. Prof. Alexandru POP
Assit. Univ. Cristian POPOVICI

MANAGEMENT OF THE SEVERELY POLYTRAUMATIZED BITED SMALL SIZE DOGS

Saleno D, Dumsa A., Moreno-Millan, M.

ECG AND ULTRASOUND HEART CHANGES ASSOCIATED WITH MITRAL VALVE DISEASE IN DOGS

Scurtu I., Mircean M., Giurgiu G.

A PCR METHOD FOR DETECTING THE *BRUCELLA SPP.* WITH INTERNAL CONTROL FROM CATTLE ABORTION SAMPLES

Solmaz H., Cantekin Z., Altuğ N., İlhan Z., Aslan S., Ergün Y.

SOIL MICROMICETES ANTAGONISM AGAINST SOME PATHOGENS OF *A. MELLIFERA*

Starciuc N., Sîrbu T., Bugneac V., Burțeva S, Postolachi O., Cebotari V.

RADIOGRAPHICAL ASSESSMENT OF THE URINARY SYSTEM DISEASES IN CATS

Țișișcă V., Meomartino L., Cortese L., Giusepinna Menonna, Barbazan-Șerban C., A. Băisan, C. Daraban, Gavrilaş E., Vulpe V.

COCCIDIOSIS OF BROILER IN ALGIERS WILAYACOMPLEX SITUATION AVIGA - ORAC ROUIBA IN 2010.

Triki Yamani.R.R, Bachir Pacha M., Abdul Hussain A.S

**THE BROILER COCCIDIOSIS IN THE SUB-SAHARAN AREA
(BISKRA - ALGERIA)**

Triki-Yamanir.R, Sair M., Bachir-Pacha M., Benaissa F., Bouyoucef A.

**THE FIRST ROMANIAN DATABASE ON MINERAL NUTRITIONAL
VALUE AND TEXTURAL PROPERTIES OF ROMANIAN FOODS OF
ANIMAL ORIGIN**

Tudoreanu L., Goran V., Crivineanu V., Codreanu D.M.

**SEROPREVALENCE OF *DIROFILARIA IMMITIS* IN STRAY DOGS
FROM SAMSUN, TURKEY**

Umur Ş., Gurler A.T., Bolukbaş C.S., Pekmezci G.Z., Acici M

**FLOW CYTOMETRIC EVALUATION OF DRUG RESISTANCE IN
CANINE LYMPHOMA SHORT TERM CELL CULTURES**

Vajdovich P., Eszter Szendi

BACTERIAL PYODERMAS IN DOGS: A REVIEW

Vasilescu C. A.

**MANAGEMENT OF JUXTA-ARTICULAR TIBIAL FRACTURES OR
TARSAL JOINT INSTABILITIES WITH TRANSARTICULAR MINI-
VETFIX ESF SYSTEM IN CATS**

Yardimci C. and Ozak A.

15:00 – 17:00 POSTER PRESENTATIONS – Hall of Life Sciences Institute

**THE EFFECT OF CORPUS LUTEUM AND FOLLICLE SIZES ON
OVSYNCH PROCEDURE IN LACTATING COWS**

Ay S.S, Güngör Ö., Kaya D., Koldaş E., Gültiken N., Findik M., Aslan S.

**SEVERAL CASES OF CONGENITAL MALFORMATIONS REPORTED
IN MARAMURES COUNTY, SISESTI VILLAGE**

Bâle A.G., Bedecan I., Marcus I.

**MOLECULAR AND SEROLOGICAL STUDY OF *LEISHMANIA
INFANTUM* INFECTION IN DOGS FROM THE MIDDLE BLACK
SEA REGION**

Bolukbas C.S., Pekmezci G.Z., Gurler A.T., Acici M., Umur S., Pekmezci D., Hokelek M., Koltas S.

RENAL FUNCTION INTEGRITY IN DOGS WITH BABESIOSIS

Bradea A., Codreanu M., Vlagioiu C., Simion V.

**VIRULENCE, ADHERENCE AND INVASION CHARACTERS OF
LISTERIA MONOCYTOGENES STRAINS ISOLATED FROM HUMAN
AND FOOD PRODUCTS**

Caplan M.E., Mateescu L.A.

**STUDIES ON THE USE OF EXTRA-PITUITARY GONADOTROPINS
IN GENITAL DISORDERS IN BITCH**

Crivineanu M., Nicorescu V., Popescu M.C., Rotaru E.

**STUDIES ON THE THERAPY WITH QUINOLONES IN SOME
BACTERIAL DISEASES IN DOGS AND CATS**

Crivineanu M., Nicorescu V., Papuc Camelia

SEROSURVEILLANCE OF MYXOMATOSIS BY COMPETITIVE ELISA

Dan M., Băraîtăreanu S., Daneş D.

**COMPARATIVE MORPHOTOPOGRAPHIC RESEARCH
ON POPLITEAL LYMPH CENTER IN LEPORIDAE**

Danacu V., Danacu Valerica, Bogdan A. T.

**IMMUNOHISTOCHEMISTRY RESEARCH WITH MONOCLONAL
ANTIBODIES OF THE TESTICULAR PARENCHYMA AT BOARS
AND BIO-ECONOMICAL MEANINGS**

Danacu V., Bogdan A. T., Ardeleanu C.

**ELECTRON MICROSCOPY RESEARCH ON LEYDIG CELLS IN
BREEDING BOARS**

Danacu V., Bogdan A.T., Cornila N., Bogdan D.

**STUDY OF BILE TOLERANCE OF TWO *LACTOBACILLUS*
SALIVARIUS STRAINS ISOLATED FROM DENTAL ROOT CANAL
AND SOME PROBIOTIC *LACTOBACILLUS* STRAINS**

Dobrea (Popescu) A., Savu C., Dobrea M., Păunescu I., Savu O.,
Murariu G., Georgescu L.

ATYPIC LISTERIOSIS IN A CATTLE

Gacar A., Kabak Y.B., Gulbahar M.Y., Sozmen M., Yarim M., Guvenc T.

THE ANTIBACTERIAL ACTIVITIES OF LAVANDULASTOECHAS AND CREPIS SANCTA LEAF AND FLOWER AGAINST MASTITIS PATHOGENS AND ENZYMATIC AND NON-ENZYMATIC ANTIOXIDANT ACTIVITIES OF THE EXTRACTS

Ergun N., Okmen G., Erdal P., Cantekin Z., Ergun Y.

SERUM ADENOSINE DEAMINASE ACTIVITY IN BITCHES WITH CEH-PYOMETRA COMPLEX

Gultiken N., Yarim G.F., Yarim M.

CONTAMINATION WITH *TOXOCARA* SPP. OF PLAYGROUNDS IN SAMSUN, TURKEY

Gurler A.T., Bolukbas C.S, Pekmezci G.Z., Acici M., Umur S.

ASSESSMENT OF ZOO NOTIC RISKS ASSOCIATED WITH RUMINANT ABORTIONS FOR ALGERIAN FARMERS

Khaled H., Bouyoucef A.

AUTHENTICITY ASSESMENT OF VARIOUS MEAT PRODUCTS THROUGH DNA CONFIRMATION

Lăpușan Al., Mihaiu M., Dan S.D., Jecan C., Cordiș I.V., Cordead.V.

2D ECHOCARDIOGRAPHIC ASSESSMENT OF THE CANINE MITRAL VALVE LEAFLETS AND THE CONSEQUENCES OF MITRAL REGURGITATION IN DEGENERATIVE MITRAL VALVE DISEASE

Mocanu D., Baisan A., Neculae I., Solcan Gh.

ANOVA ANALYSIS FOR SEASONAL VARIABILITY OF PHYSICO - CHEMICAL - BIOLOGICAL STATE PARAMETERS. STUDY CASE OF CANDELARO RIVER (ITALY)

Murariu G., Georgescu L., Iticescu C., Topa C., Dobrea M., Dobrea (Popescu) A. Al.

OCCURRENCE AND MOLECULAR CHARACTERIZATION OF *HYSTEROETHYLACIUMADUNCUM* (NEMATODA: ANISAKIDAE) IN MARINE FISHES FROM THE TURKISH COAST OF BLACK SEA

Pekmezci G.Z., Bolukbas C.S. , Gurler A.T., Onuk, E.E.

STATUS OF LIPID PEROXIDATION, CELL DESTRUCTION AND THE ANTIOXIDANT CAPACITY IN FOALS WITH LOWER RESPIRATORY TRACT DISEASE

Pekmezci D., Cenesiz S., Cakiroglu D. Ciftci G., Cira A., Gokalp. G.

OBSERVATION CONCERNING HOOF BLOCKS USE FOR PODAL DISEASE IN DAIRY COWS

Stroe T.F., Muste A, Beteg F., Hodis L., Dîrlea I.

USE OF MOBILE LABORATORIES FOR APPLICATION OF REPRODUCTIVE BIOTECHNOLOGIES IN FARM ANIMALS

Toba G.F., Groza I. S., Bogdan A. T., Vintila I., Szabo L., Craciun N., Roman M., Danacu V., Paraschivescu M. Th., Sonea C., Ochea M., Serear.S.

THE RESULTS OBTAINED IN EMBRYO TRANSFER BIOTECHNOLOGY IMPLEMENTATION IN ROMANIA THROUGH EXTENSION OF INNOVATIVE SCIENTIFIC RESEARCH

Toba G.F., Groza I.S., Bogdan A.T., Sonea A.

MINERALS CONCENTRATION AND TEXTURAL PROPERTIES OF ROMANIAN BEEF ROE AND COOKED MEAT AND OFFAL

Tudoreanu L., Goran V., Crivineanu V., Codreanu D.M.

DEVELOPMENTAL TRENDS OF THE VETERINARY LABORATORY DIAGNOSTIC IN DIFFERENTIATION OF PATHOGENIC AND NON-PATHOGENIC LEPTOSPIRES

Ungureanu A., Băraîtăreanu S., Daneş D.

SURVEY RESEARCH CONCERNING THE MAIN ITEMS OF CLINICAL SUSPICION IN DOG LYME BORRELIOSIS AND ITS OPTIONS OF CONFIRMATION

Ungureanu A., Băraîtăreanu S., Daneş D.

HONEY, THE ALTERNATIVE ANTIBIOTIC FOR HUMAN AND VETERINARY MEDICINE

Vasiu I., Spînu M., Brudaşcă F.G.

PATHOLOGY AND MOLECULAR IDENTIFICATION OF *ANISAKIS PEGREFFII* INFECTION IN THE JOHN DORY, *ZEUS FABER* (LINNAEUS, 1758) CAUGHT IN MEDITERRANEAN SEA

Yardimci B., Pekmezci G.Z., Onuk E.E.

GILL HISTOPATHOLOGY IN CULTURED SEA BASS COINFECTED BY *DIPLECTANUM AEQUANS* (WAGENER, 1857) AND *LERNANTHROPUS KROYERI* (VAN BENEDEN, 1851)

Yardimci B., Andpekmezci G.Z.

**MANAGEMENT OF JUXTA-ARTICULAR DISTAL TIBIAL
FRACTURES OR TARSAL JOINT INSTABILITIES WITH
TRANSARTICULAR HYBRID ESF SYSTEM IN DOGS**

Yardimci C., Ozak A.

**PREVALENCE OF *TOXOPLASMA GONDII* IN SHEEP MEATS
PURCHASED IN RETAIL STORES IN TURKEY**

Yildiz K., Piskin F.C., Utuk A.E., Gokpinar S.

***EUCOLEUS DISPAR* (NEMATODA: CAPILLARIIDAE) IN A
COMMON BUZZARD (*BUTEO BUTEO*) IN TURKEY**

Yildiz D, Bozkurt-Buyukcopur Eu- Gultiken Me., Yildiz K, Bauer C.

**SECTION 10: Land Measurement, Natural and Humanistic Sciences
*Mathematics and Statistics, Computer science and Multimedia, Biophysics
and Agro-meteorology, Building engineering, Land improvement, Cadastre
and Irrigated crops, Mathematics and Statistics.***

15:00 – 17:00 POSTER PRESENTATIONS – Hall of Life Sciences Institute

Chairman: Prof. dr. Mircea ORTELECAN
Moderators: Prof. dr. Nicolae DIMA
Prof. dr. Maricel PALAMARIU
Assoc. Prof. Ioel VERES
Secretary: Dr. Ing. Tudor SALAGEAN

**NECESSITY OF MATHEMATICS IN THE FORMATION OF
LANDSCAPE ARCHITECTS**

Lazăr-Băra A.P.

**THE INFLUENCE OF IRRIGATION ON METALS CONTENT AT
SOYBEAN IN TRANSYLVANIA'S CONDITIONS**

Luca L.C., Dirja M., Luca E., Hoble A.

**MONITORING AGRICULTURAL PLANTATIONS WITH REMOTE
SENSING LANDSAT IMAGERY**

Slave C., Rotman A., Man C. and Dima C.

**REMOTE SENSING MONITORING OF RIVER POLLUTION AND
CREATING THEMATIC MAPS USING GIS SPECIALIZED
PROGRAMS**

Slave C., Rotman A., Man C. and Dima C.

SECTION 10: Land Measurement, Natural and Humanistic Sciences
Pedagogy and methodics, Applied languages in agriculture

15:00 – 17:00 POSTER PRESENTATIONS - Hall of Life Sciences Institute

Chairman: Prof. dr. Rodica Silvia STAN
Moderators: Prof. dr. Marinela GRANESCU
Lecturer dr. Nicoleta GUDEA
Secretary: Assistant Sorana ADAM

FAMILY THERAPY: THE MCMASTER APPROACH

Müller-Fabian A.

THE FUNCTIONING OF PSYCHOSOMATIC FAMILIES

Müller-Fabian A.

**MODALITIES TO INTEGRATE THE EDUCATIONAL TOOLS IN
CHEMISTRY LESSONS**

Roman I., Fărăgău M., Giurgiuman T. and Gudea N.

Round Tables

27th of September 2013

Hall: 24 – Faculty of Horticulture (map 10)

8:30 – 12:00 Round table – “Bioenergetic status change by the action of the bio-phyto-dynamic modulators.”

Chairman: Prof. dr. Ancu DINCA
Moderators: Prof. dr. Horea CRIVEANU
Prof. dr. Marcel DIRJA

The seventh edition of the roundtable groups interesting scientific achievements in fields like "plant biology", "human" and "veterinary medicine". Results on germination growth of plant species and their microbiological growth, increasing bone healing in animal evolution and the excellent results in the treatment of the various diseases in humans and animals convinced us to continue the scientific research with the bio-phyto-modulators type AD. It became a tradition of the roundtable to move from observation to the analytical research, supported by numerous laboratory tests with significant results.

Hall: Blue Hall – Faculty of Veterinary Medicine (map 5)

09:00 – 11:00 Workshop

- 1) Neurologic examination in domestic large animals**
- 2) Imaging diagnosis in gastroenterology in domestic large animals**

Chairman: Prof. Rene van den Hoven, DVM, PhD
moderators: Lect. Iancu Morar, DVM, PhD
Lect. Mircea Mircean, DVM, PhD

Hall: La salle du Conseil profesoral FMV CN (map 5)

9.00 – 11.00 Table ronde – ”Actualités dans l'Éthologie et l'Ethopatologie chez les animaux de compagnie”

Hall: A6 – Faculty of Agriculture (map 4)

14:00 – 17:00 Round table –“Insights on the Fertilizers Industry in Context of Romanian Economic, Climatic, and Social Challenges”

Session I. The contextual role of research in support of the fertilizers industry

Moderator: Prof. dr. Roxana VIDICAN

Session II. The dialog science - industry

Moderator: Prof. dr. Mihai RUSU

The round table focusing the debate of the fertilizers industry in context of Romanian economical, climatic, and social challenges is organized by the Faculty of Agriculture from UASMV Cluj-Napoca, in partnership with S.C. Azomureş S.A. It is organized on the basis of two thematic issues, the contextual role of research support of fertilizers industry, respectively, and importance of the communication science - industry. The objectives of the round table are focused on key issues representing the support of the progress of the fertilizers industry, enhanced by the role of the informational society in the dialog research applied technology. The discussions on the results of the UASMV Cluj - Napoca and S.C. Azomureş S.A partnership is an essential component of the objectives of the round table. It was founded in order to test the effect of the nitrogen fertilizers within eco-pedological conditions of Transylvania, and it is successfully developing. Among first results we mention the demonstrative plots organized in the field and elaboration of doctoral thesis.

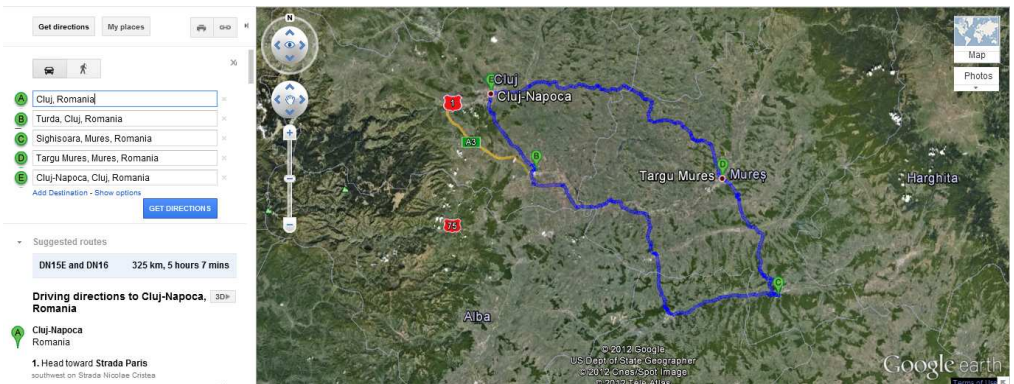
28th of September 2013

Transylvania Tour - One day trip

Visit of Sighișoara medieval city – a UNESCO Word Heritage and Saline Turda

The fee of trip is 35 Euro, payable at the registration desk the 27th September till 13:00. Places limited to maximum 50 persons.

SIGHIȘOARA TOUR



Contact

Dr. Dorottya DOMOKOS

Sorina DĂRĀJAN

USAMV CLUJ-NAPOCA

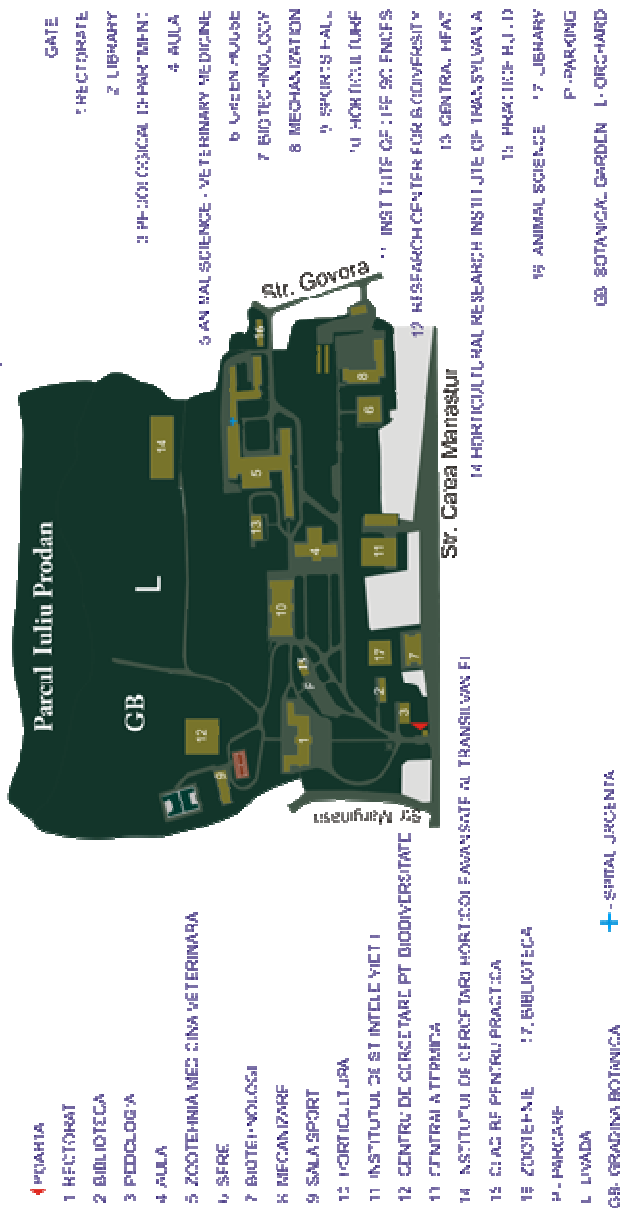
Str. Mănăștur Nr. 3-5, Cluj-Napoca, 400372 ROMANIA

Tel: +40 264.596.384 ext. 402 Fax: +40 264.593.792

E-mail: simpo@usamvcluj.ro

UNIVERSITATEA

DE ȘTIINȚE AGRICOLE ȘI MEDICINA VETERINARĂ, CLUJ-NAPOCA



CAMPUS MAP

YOUR NOTES