



UNIVERSITY OF PITESTI
FACULTY OF SCIENCES,
PHYSICAL EDUCATION AND INFORMATICS



International Symposium
Current Trends in Natural Sciences
Program

May 28-30, 2021



International partners:

Mansoura University,
Egypt



Atatürk University,
Erzurum, Turkey



Zaporizhzhia National University,
Zaporizhzhia, Ukraine



Organizing Committee:
(alphabetical order)

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Nicoleta RĂBAN-MOTOUNU – University of Pitesti, Romania

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Sciences – Horticulture Section

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Florentina Carmen POPESCU - National Research and Development
Institute for Biotechnology in Horticulture Stefanesti Arges,
Romania, Romania
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Tamer RIZAOGLU - Kahramanmaras Sutcu Imam University,
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Ion SCURTU - The Academy for Agricultural and Forestry Sciences
– Horticulture Section, Romania
Yasser SHABANA - Mansoura University, Egypt
Liliana Cristina SOARE - University of Pitesti, Romania
Daniela Ileana STANCU - Arges County Museum, Romania
Anca Nicoleta SUTAN - University of Pitesti, Romania
Yanik TELAT - Agri Ibrahim Cecen University, Turkey
Asea TIMUS - The State Agrarian University of Moldova, Republic
of Moldova
Alina Mihaela TRUTA - University of Pitesti, Romania
Robert ULEWICZ – Czestochowa University of Technology,
Czestochowa, Poland
Aydin UZUN - Erciyes University, Turkey

Section: Biology

SKYPE Web Meeting: <https://join.skype.com/MCnyyFHdLljz>

Friday, 28 May 2021, 13.00 – 17.00

Chairpersons:

- Assoc. Prof. Anca Nicoleta Şuţan, PhD, University of Pitesti
- Lecturer Ionica Deliu, PhD, University of Pitesti

1. BIOLOGICAL ACTIVITY OF ALKALOIDS DERIVED FROM RANUNCULACEAE PLANTS

Nicoleta Anca Şuţan, Oana Alexandra Drăghiceanu, Claudiu Şuţan, Ionica Deliu, Liliana Cristina Soare

2. *PSEUDORCHIS ALBIDA* (L.) Á.LÖVE & D.LÖVE - A NEW ORCHID SPECIES TO ROMANIAN FLORA

Nora Eugenia D. G. Anghelescu, Hajnalka Kertész, Mihaela I. Georgescu, Sorina A. Petra, Florin Toma

3. HEAT STRESS-INDUCED ALTERATIONS IN ANTIOXIDATIVE ENZYMES OF SOME PLANTS OF CUCURBITACEA FAMILY

Cigdem Aydogan, Sergul Ergin, Ece Turhan

4. RESEARCH ON THE ENTOMOFAUNA OF ORTHOPTERA IN SOME VEGETABLE CROPS IN SOUTHERN OLTENIA

Bîrzanu Felicia – Oana, Mitrea Ion

5. DISTRIBUTION OF CESTODES IN FARMED COMMON CARP (*CYPRINUS CARPIO* L., 1758) FROM CYPRINID AQUACULTURE IN MACEDONIA

Dijana Blazhekovikj – Dimovska, Stojmir Stojanovski, Stoe Smiljkov

6. ANATOMICAL ASPECTS OF THE STEM AND LEAF OF
MENTHA x PIPERITA (LAMIACEAE)
Elena Cristina Ciobanu (Țurlea), Elena Săvulescu,
Monica Luminița Badea

7. CHARACTERIZATION IN TERMS OF COMPOSITION AND
PHYTOTOXICITY OF AQUEOUS SPORES EXTRACTS
Oana-Alexandra Drăghiceanu, Codruța Mihaela Dobrescu, Nicoleta
Doruța Bătut, Liliana Cristina Soare, Carmen Topală

8. EFFECT OF KINETIN AND WATER QUALITY ON
GROWTH AND ACTIVITY OF POX & CAT IN SPINACH
(*SPINACIA OLERACEA L.*) UNDER SALT STRESS
Duraid K.A. AL-Taey, Saadoon A.H. Saadoon

9. PHYSIOLOGICAL EFFECTS OF HIGH TEMPERATURE
STRESS IN SOME CUCURBIT PLANTS
Sergul Ergin, Cigdem Aydogan, Ece Turhan

10. OBSERVATIONS REGARDING THE BIOLOGY AND THE
ECOLOGY OF THE SPECIES *TURDUS PILARIS LINNAEUS*
1758 IN THE WESTERN HALF OF ROMANIA
Aurelian Leonardo Ilie, Mariana Marinescu, Ilie Hoza

11. VARIABILITY OF SUNFLOWER HEAD/CAPITULUM BY
NEW MORPHOLOGICAL CHARACTERS
Nicolai Ionescu, Mariana Nicolaie, Oana Badea, Diana Popescu,
Robert Gheorghe, Magdalena Podea, Cristina Ghiorghe,
Cătălin Dinuță

12. ISOLATION OF ANTIBIOTIC PRODUCING BACTERIA
FROM SOIL
Ruby Khan

13. IDENTIFICATION OF CAUSAL AGENT(S) OF CHERRY BACTERIAL CANKER IN MARMARA REGION OF TURKEY

Cansu Oksel, Mustafa Mirik

14. EXTRACTION PROCESS OPTIMIZATION FOR VEGETABLE OILS RICH IN BIOACTIVE COMPOUNDS

Elena-Emilia Oprescu, Cristina-Emanuela Enascuta, Elena Radu, Mihaela Ciltea-Udrescu, Vasile Lavric

15. TOXIC SIGNATURES OF THE MOST PREVALENT MICROPLASTICS ON MAIZE

Necla Pehlivan, Kenan Gedik

16. ANTHROPOLOGICAL ANALYSIS OF SKELETAL REMAINS DISCOVERED IN MOȘNIȚA VECHE (TIMIȘ COUNTY, ROMANIA)

Ștefan Popa, Ionela Rădac

17. PHOTOSYNTHETIC INOCULANTS TO PROMOTE SEED GERMINATION AND PLANTULE DEVELOPMENT

Loredana-Mirela Sfirloagă, Mihaela Croitoru, Aurelia Diaconu, Alina-Nicoleta Paraschiv, Ioan Ardelean

18. BIOLOGICAL CRUST FORMATION AT LABORATORY LEVEL WITH *CHLORELLA SOROKINIANA* UTEX 1230

Loredana Sfarloaga, Ana Valentina Ardelean, Ioan Ardelean

19. PHYTOTOXICITY OF EXTRACTS WITH AND WITHOUT SILVER NANOPARTICLES ON SPORE GERMINATION IN *ASPLENIUM SCOLOPENDRIUM* AND *DRYOPTERIS FILIX MAS*

Liliana Cristina Soare, Irina Fierăscu, Radu-Claudiu Fierăscu, Codruța Mihaela Dobrescu, Elena-Alexandra Pîrvu, Oana-Alexandra Drăghiceanu

20. PHYSIOLOGICAL EFFECTS OF HIGH TEMPERATURE TREATMENTS ON TOMATO LEAVES AT TWO DEVELOPMENTAL PHASES

Ece Turhan, Cigdem Aydogan, Sergul Ergin

21. DETERMINATION OF TOTAL PHENOLIC CONTENTS IN *VIBURNUM OPULUS* L. GENOTYPES SELECTED FROM KAYSERİ-DEVELİ*

Aydin Uzun, Mahmut Kaplan, Hasan Pinar, Kevser Karaman, Rabia Uslu

22. THE INFLUENCE OF VEGETAL EXTRACTS AND NANOSTRUCTURED MIXTURES ON GRAPEVINE POLLEN GRAINS

Diana Elena Vizitiu, Daniela-Ionela Sardarescu, Carmen Florentina Popescu, Irina Fierascu, Radu Fierascu, Liliana Cristina Soare, Camelia Ungureanu

23. COVID 19 - THE CHALLENGE OF CORONAVIRUSES

Ionica Deliu

Section: Ecology and Environmental Protection

SKYPE Web Meeting: <https://join.skype.com/AYwzeXYsRMqJ>

Saturday, 29 May 2021

Chairpersons:

- Lecturer Monica Neblea, PhD, University of Pitesti
- Lecturer Daniela Bărbuceanu, PhD, University of Pitesti

First Part Section: 9.00 - 11.00

1. INVERTEBRATES OF CONSERVATIVE INTEREST FROM PLATFORMA COTMEANA, A ROMANIAN NATURAL PROTECTED AREA

Daniela Bărbuceanu, Alina Mihaela Truță

2. PASTORAL DEVELOPMENT FOR THE FIGHT AGAINST DESERTIFICATION IN THE SOUTH ORAN STEPPE OF NAÂMA (ALGERIA)

Abdelkrim Benaradj, Hafidha Boucherit, Ali Mihi, Djamel Anteur

3. THE COMPOST, A SOURCE OF PLANT BENEFICIAL BACTERIA WITH BIOCONTROL POTENTIAL

Oana-Alina Boiu-Sicuia, Vasilica Stan, Călina Petruța Cornea

4. PRELIMINARY RESULTS ON THE ECOTOXIC EFFECTS OF SODIUM ALGINATE TO DUCKWEED (*LEMNA MINOR* L.)

Bianca-Vanesa Boros, Nathalie Grau, Vasile Ostafe

5. DO POTENTIALLY POLLUTED WATER, SEDIMENT AND SOIL SAMPLES BY FORMER MINING ACTIVITIES FROM MOLDOVA NOUA AREA EXPRESS ECOTOXICOLOGICAL EFFECTS TOWARDS THE COMMON DUCKWEED? PRELIMINARY RESULTS

Bianca-Vanesa Boros, Gheorghia Menghiu, Constantina Bianca Vulpe, Daniela Dascălu, Diana-Larisa Roman, Renata Kovacevic, Zoran Stevanovic, Vasile Ostafe, Adriana Isvoran

6. APPLICATION OF METAGENOMICS IN ECOLOGY: A BRIEF OVERVIEW

Luiza Silvia Chiriac, Dumitru T. Murariu

7. CHARACTERISTICS OF PLANT COMMUNITIES OF *CRAMBE TATARIA* SEBEÓK IN ROMANIA

Simona Dumitrița Chirilă

8. ZEBRAFISH EMBRYONIC DEVELOPMENT UNDER THE NICOTINE EFFECT

Costache Ionuț-Dănuț, Miguel Oliveira, Ureche Camelia, Ureche Dorel

9. SESSILE OAK FOREST ECOSYSTEMS FROM TRANSYLVANIA IN THE CONTEXT OF CLIMATIC CHANGES

Vlad Crisan, Lucian Dinca, Sorin Deca, Gruita Ienasoiu, Virgil Scarlatescu

10. *AILANTHUS ALTISSIMA* (MILLER) SWINGLE–INVASIVE SPECIES IN THE FOREST HABITATS IN THE UPPER BASIN OF THE MOTRU RIVER

Nicolae Cătălin Dinucă

11. ARCHAEOLOGICAL AND GEOLOGICAL APPROACHES IN THE WORK ON THE PROJECT "MATERIALITY AND ANCIENT ENVIRONMENTAL KNOWLEDGE RECONSTRUCTION THROUGH ARCHAEOLOGICAL CHEMISTRY ANALYTICAL TECHNIQUES (RE:MATRIARCHES)

Boyan Dumanov, Zhivko Uzunov, Bilyana Kostova,
Irena Dimitrova, Ventsislava Ivanova

11.00 - 11.30: Virtual Coffee break

Second Part Section: 11.30 - 14.00

12. ASPECTS REGARDING THE EVOLUTION OF THE AQUATIC COMPLEX SOMOVA – PARCHEŞ

Luiza Florea

13. THE EVOLUTION OF THE WATER TEMPERATURE IN THE PRUT RIVER IN THE LAST TEN YEARS

Luiza Florea

14. THE CARRY OUT OF COMMERCIAL FISHING IN THE AQUATIC COMPLEX SOMOVA – PARCHEŞ

Luiza Florea

15. THE INFLUENCE OF METEOROLOGICAL AND TOPOGRAPHICAL PARAMETERS ON THE DISPERSION OF PM₁₀ AND CO POLLUTANTS

Daniela Giosanu, Mădălina Cristina Marian, Andrei Zaharia

16. AIR POLLUTION METEOROLOGY. CASE STUDY: SO₂ AND NO₂ MONITORING IN ARGEŞ COUNTY

Daniela Giosanu, Mădălina Cristina Marian, Daniela Constantin

17. THE DANUBE DELTA – A SPECIAL AND UNIQUE
EXPERIENCE

Carmen Mihaela Man, Camelia Slave

18. THE GEOMORPHOLOGY OF THE CURVATURE SUB-
CARPATHIANS BASED ON DATA FROM FOREST
MANAGEMENT PLANS

Cristiana Marcu, Lucian Constantin Dincă

19. ROADSIDE VERGES AS IMPORTANT BUFFERS AGAINST
HEAVY METALS DISTRIBUTION

Marilena Onete, Minodora Manu, Luiza-Silvia Chiriac,
Roxana Nicoară, Hanna Shutava, Anton Bashilov

20. THE SEASONAL VARIATION OF PHYSICAL-CHEMICAL
PARAMETERS IN POLLUTED RIVERS FOLLOWING
ANTHROPOGENIC INPUT: A STUDY CASE PASAREA
RIVER

Aurelia Podosu, Simona Neagu, Roxana Cojoc, Robert Ruginescu,
Ioana Lucaci, Costin Batranescu Moteau, Larisa Florescu,
Mirela Moldoveanu, Cristina Purcarea, Madalin Enache

21. BIODIVERSITY OF EDAPHIC FAUNA IN GRAY FOREST
SOILS OF THE REPUBLIC OF MOLDOVA

Irina Senicovscaia, Andrei Danilov, Andriana Danilov

22. POSSIBILITIES OF OBTAINING CADASTRAL PLANS ON
LARGE SURFACES USING AERIAL PHOTOGRAMMETRY

Mihai Simon, Loredana Copăcean, Cosmin Popescu,
Margareta Măgureanu, Luminița Cojocariu

23. INDOOR AND OUTDOOR EFFECTS OF AMMONIA IN
POULTRY HOUSES

Serkan Yazarel, Şenay Sarıca, Sedat Karaman

24. EFFECTS OF DIETARY MEALWORM LARVAE MEAL FERMENTED WITH TWO DIFFERENT PROBIOTIC BACTERIA ON LITTER QUALITY IN BROILER HOUSE

Serkan Yazarel, Şenay Sarıca, Sedat_Karaman

25. SUSTAINABLE FUELS OBTAINED FROM THE PYROLYSIS PROCESS OF SEWAGE SLUDGE

Anca Maria Zaharioiu, Felicia Bucura, Florian Marin,
Roxana Elena Ionete, Simona Oancea, Marius Constantinescu

26. PHYTOSOCIOLOGICAL STUDIES ON CALCAREOUS SCREES FROM MERIDIONAL CARPATHIANS (ROMANIA)

Monica Angela Neblea, Mădălina Cristina Marian

Section: Plant Science & Technology

SKYPE Web Meeting: <https://join.skype.com/NCgp7i4Tuf2I>

Saturday, 29 May 2021

Chairpersons:

- Assoc. Prof. Cristian Popescu, PhD, University of Pitesti
- Prof. Zeki Gokalp, PhD, Erciyes University, Turkey
- Assoc. Prof. Olena Boika, PhD, Zaporizhzhia National University, Ukraine

First Part Section: 12.00 - 14.00

Chairperson: Assoc. Prof. Cristian Popescu, PhD, University of Pitesti

12.00 - 13.30: Paper Presentations

1. DETERMINATION OF HERBAGE YIELD AND QUALITY OF DIFFERENT SOYBEAN VARIETIES

Yasin Akinci, Mahmut Kaplan

2. CHARACTERIZATION OF LEAF FEATURES IN SOME BLACKBERRY GENOTYPES COLLECTED FROM THE BLACK SEA REGION

Fatma Alan, Aydin Uzun, Hasan Pinar

3. MONITORING OF *RHAGOLETIS CERASI* L. THROUGH THE DECIS TRAP AT IAȘI-ROMANIA

Simona-Mihaela Chelaru, Cristina-Ionela Turcu,
Margareta Corneanu, Ionel Perju

4. COMPARISON OF GRAIN FEED QUALITY OF DIFFERENT BROAD BEAN GENETYPES

Beyza Ciftci, Yusuf Murat Kardes, Kagan Kokten, Mahmut Kaplan

5. EFFECT OF MATURITY STAGES ON POTENTIAL NUTRITIVE VALUE OF *VICIA CRACCA* HAY

Beyza Çiftçi, Onur Okumuş, Satı Uzun, Mahmut Kaplan

6. SENTINEL IMAGES IN LAND MODELING AND AGRICULTURAL AREA EVALUATION

Loredana Copăcean, Luminița Cojocariu, Mihai Simon

7. ASSESSMENT OF SWEET CHERRY (*PRUNUS AVIUM* L.) GENOTYPES GROWN IN ROMANIAN NORTHEASTERN AREA

Margareta Corneanu, Iuliana Elena Golache, Elena Iurea, Iulia Mineață, Sorina Sîrbu

8. PHENOLOGICAL STAGES AND FRUIT QUALITY PARAMETERS OF SOUR CHERRY GENOTYPES IN ROMANIAN CONDITIONS

Margareta Corneanu, Iulia Mineață, Elena Iurea, Iuliana-Elena Golache, Sorina Sîrbu

9. RESEARCH ON DETERMINING THE NUTRITIONAL REQUIREMENTS OF VARIOUS POTATO VARIETIES AT SOLFARM SRL, COVASNA COUNTY

Iringo Deak, Mircea Mihalache

10. INFLUENCE OF CULTIVAR AND FERTILIZATION WITH VERMICOMPOST ON FRUIT QUALITY AND YIELD IN *LONICERA SPP*

Ivona Enescu (Mazilu), Mirela Călinescu, Emil Chitu, Mădălina Butac, Monica Sturzeanu, Mihaela Sumedrea

11. BIOMETRIC CHARACTERISTICS OF 'CATHERINE SEL 1'
PEACH CULTIVAR IN SEMIARID ENVIRONMENT

Leinar Septar, Cristina Moale, Ion Caplan, Luana Bocioroaga

12. BIOMETRIC CHARACTERISTICS OF 'ORIZONT' APRICOT
CULTIVAR UNDER STRESS HYDRIC CONDITIONS

Leinar Septar, Cristina Moale, Larisa Tilinca, Ioan Stoli

13. POMOLOGICAL CHARACTERISTICS OF SOME APRICOT
VARIETIES GROWN IN THE NORTHEAST AREA OF
ROMANIA

Sorina Sîrbu, Mădălina Iuliana Gherghel, Elena Iurea,
Margareta Corneanu, Simona Mihaela Chelaru

14. EUROPEAN GREEN DEAL: IMPLICATIONS FOR
AGRICULTURAL SYSTEMS

Gheorghe Cristian Popescu

13.30 - 13.50: Questions & Answer Session

13.50 - 14.00: Virtual Coffee break

Second Part Section: 14.00 - 16.00

Chairperson - Prof. Zeki Gokalp, PhD, Erciyes University, Turkey

14.00 - 15.30: Paper Presentations

1. SEDUM CUTTINGS ROOT GROWTH ANALYSIS USING
DIFFERENT TYPES OF CULTURE SUBSTRATES

Alex-Péter Cotoz, Valentin Sebastian Dan, Maria Cantor

2. IDENTIFICATION OF SOME ROOTSTOCKS FOR
WATERMELON CULTURES FROM ROMANIA

Doltu Mădălina, Dragomir Elena, Iordache Bogdan, Sora Dorin

3. THE EFFECT OF BLANCHING TEMPERATURE ON THE TEXTURE OF LACTIC FERMENTED CUCUMBERS

Tincuța-Marta Gocan, Ileana Andreica, Gheorghe Poșta, Dănuț-Nicolae Măniuțiu, Sándor Rózsa, Emese Egyed

4. THE EFFECT OF CHEMICAL TREATMENTS ON THE QUALITY AND VASES LIFE OF CARNATION CUT FLOWERS (*DIANTHUS CARYOPHYLLUS L.*)

Tincuța-Marta Gocan, Ileana Andreica, Daniela-Sabina Poșta, Vasile Lazăr, Sándor Rózsa, Melinda Rózsa

5. MONITORING AND CONTROL OF THE PEST *TUTA ABSOLUTA* (MEYRICK) IN TOMATO CROPS UNDER HIGH PLASTIC TUNNELS

Simona Hogeia

6. EFFECT OF DIFFERENT DRYING METHODS ON SEED GERMINATION OF TWO PEPPER VARIETIES

Hasan Pinar, Funga Ulrich, Mahmut Kaplan

7. DETERMINATION OF THE PHENOLOGICAL CHARACTERISTICS OF SOME *MALUS KIRGHISORUM* GENOTYPES SELECTED FROM KYRGYZSTAN IN THE ECOLOGICAL CONDITIONS OF CENTRAL ANATOLIA

Hasan Pinar, Merve Arefe Yiğit, Aydın Uzun

8. WASTE WATER AS A SOURCE OF IRRIGATION WATER

Ismail Tas, Zeki Gokalp

9. PRODUCTION COST AND WATER SAVINGS OF PADDY PRODUCED BY DRIP IRRIGATION

Ismail Tas

10. PHOSPHORUS REMOVAL PERFORMANCE OF SAND-ZEOLITE MIXTURES FROM WASTEWATERS

Zeki Gokalp, Furkan Omer Kanarya, Ummuhan Kose

11.PHOSPHORUS REMOVAL PERFORMANCE OF SAND-
PUMICE MIXTURES FROM WASTEWATER

Zeki Gokalp, Furkan Omer Kanarya, Ekrem Emrah Uzun

12.INFLUENCE OF TWO DIFFERENT ORIGIN COMPOSTS ON
ARONIA MELANOCARPA AND *RIBES RUBRUM* CROP
PERFORMANCE

Georgica Pandelea (Voicu), Mirela Călinescu,
Ivona Enescu (Mazilu), Daniela Simina Ștefan, Camelia Ungureanu

13.DETERMINATION OF POLLEN VIABILITY AND
GERMINATION RATIOS IN MERSIN ECOLOGY OF SOME
EARLY APRICOT VARIETIES

Mehmet Yaman, Sibel Turan

14.THE EFFECT OF DIFFERENT POLLINATORS ON FRUIT
SET RATIOS AND SOME FRUIT CHARACTERISTICS IN
APPLE

Mehmet Yaman, Aydın Uzun, Hasan Pinar, Ercan Yildiz

15.30 - 15.50: Questions & Answer Session

15.50 - 16.00: Virtual Coffee break

Third Part Section: 16.00 - 19.00

Chairperson - Assoc. Prof. Olena Boika, PhD, Zaporizhzhia National
University, Ukraine

16.00 - 18.00: Paper Presentations

1. FORAGE YIELD AND SOME QUALITY TRAITS OF
PERSIAN CLOVER (*Trifolium resupinatum* L. var. *majus*
Boiss.) AT WINTER AND SPRING SOWING UNDER THE
EDIRNE ECOLOGICAL CONDITIONS, TURKEY

Cengiz Kucukduvan, Ertan Ates

2. STUDIES ON THE VARIABILITY OF THE PRODUCTIVITY COMPONENTS IN A COLLECTION OF HOT PEPPER LANDRACES (*CAPSIUM ANUUM* VAR. *MICROCARPUM*)
Emilian Madoșă, Lavinia Sasu, Sorin Ciulca, Constantin Avădanei, Adriana Ciulca, Giancarla Velicevici
3. STUDIES ON THE VARIABILITY OF MORPHOLOGICAL AND QUALITY CHARACTERS IN SAFFRON (*CROCUS SATIVUS*)
Ionuț-Valentin Vasile, Roxana Luca-Vasile, Emilian Madoșă
4. RESEARCH ON THE VARIABILITY OF YIELD COMPONENTS IN SOME GRAPEVINE VARIETIES FOR RED WINES
Giancarla Velicevici, Emilian Madoșă, Adriana Ciulca, Sorin Ciulca, Mihaela Mălăescu, Eleonora Nistor, Carmen Beinsan
5. APPLICATION OF REMOTE SENSING METHODS TO IMPROVE THE EFFICIENCY OF AGRICULTURAL LAND USE
Vasily Nilipovskiy, Gauhar Serikbaeva
6. DETERMINATION OF FEED QUALITY PARAMETERS OF LEAVES AND STEMS OF DIFFERENT ALFALFA GENOTYPES
Onur Okumuş, Beyza Çiftçi, Satı Uzun, Mahmut Kaplan
7. MORPHOLOGICAL AND CHEMICAL ANALYSIS OF *ZIZYPHUS JUJUBA* MILL. FRUITS FROM TIMIȘOARA BOTANICAL PARK
Daniela-Sabina Poșta, Sándor Rózsa, Tincuța-Marta Gocan
8. STUDIES ON THE STIMULATION OF *CATALPA BIGNONIOIDES* WALT. SEED GERMINATION
Daniela-Sabina Poșta, Sándor Rózsa, Tincuța-Marta Gocan

9. NEW ROSES VARIETIES OBTAINED AT HORTICULTURAL RESEARCH STATION CLUJ, ROMANIA

Roman Gabriela, Harsan Eugenia, Besleaga Ulian, Felfoldi Zoltan

10. INFLUENCE OF MAGNESIUM (MG) SOURCE ON THE CORDYCEPS MILITARIS (L.) MUSHROOM MYCELIUM GROWTH

Melinda Rózsa, Dănuț-Nicolae Măniuțiu, Emese Egyed

11. INFLUENCE OF THE CULTURE SUBSTRATE DISINFECTION METHOD ON THE DEVELOPMENT OF *CORDYCEPS MILITARIS* (L.) MUSHROOM MYCELIUM.

Melinda Rózsa, Dănuț-Nicolae Măniuțiu, Vasile Lazăr, Ileana Andreica, Emese Egyed

12. DYNAMICS OF CERTAIN CHEMICAL COMPONENTS IN TOMATO FRUIT (*LYCOPERSICON ESCULENTUM* MILL.) MAINTAINED AT DIFFERENT TEMPERATURES AFTER HARVEST

Sándor Rózsa, Dănuț-Nicolae Măniuțiu, Vasile Lazăr, Tincuța-Marta Gocan, Ileana Andreica, Emese Egyed, Gheorghe Poșta

13. THE INFLUENCE OF BLANCHING TREATMENT ON THE QUALITY OF DEHYDRATED PLUMS

Sándor Rózsa, Vasile Lazăr, Orsolya Borsai, Tincuța-Marta Gocan, Tincuța-Marta Gocan, Ileana Andreica

14. RELATIONSHIPS BETWEEN FORAGE YIELD AND CHARACTERS IN SOME NARBONNE VETCH (*VICIA NARBONENSIS* L.) CULTIVARS SOWN IN EARLY SPRING AT SUBTROPICAL CONDITIONS

Hazım Serkan Tenikecier, Adnan Orak

15. DETERMINATION OF SEED YIELD AND ITS SOME CHARACTERS OF SOME HUNGARIAN VETCH (*VICIA PANNONICA* CRANTZ.) GENOTYPES

Hazım Serkan Tenikecier, Adnan Orak, Adnan Orak, Sude Deveci, Birol Gültekin

16. RESULTS REGARDING ON THE DYNAMICS OF THE ATTACK OF THE PATHOGEN *PLASMOPARA VITICOLA* IN THE CLIMATIC CONDITIONS OF THE YEARS 2019-2020, IN THE SEGARCEA WINE FARM-ARCHDIOCESE CRAIOVA, DOLJ COUNTY

Dumitriu Daiana Greta, Mitrea Rodi

17. DETERMINATION OF SUITABLE WINTER CHICKPEA (*CICER ARIETINUM* L.) VARIETIES UNDER KAHRAMANMARAŞ CONDITIONS

Cengiz Yururdurmaz, Mehmet Çağatay Çerikçi, Rukiye Kara, Ali Turan

18. THE EFFECTS OF NITROGEN AND ZINC FERTILIZERS AT DIFFERENT DOSES ON MAIZE YIELD AND SOME YIELD ELEMENTS UNDER KAHRAMANMARAŞ CONDITIONS

Cengiz Yururdurmaz, Ali Turan

19. THE INFLUENCE OF DIFFERENT CROP ROTATIONS AND FERTILIZATION SYSTEMS ON CHERNOZEM SOIL BULK DENSITY

Lucia Macrii, Dorin Cebanu, Dionisie Zaharco

20. THE ROLE OF THE APPLICATION OF CARBOHIDRATES IN REDUCING THE NEGATIVE EFFECTS OF SALT STRESS DURING GERMINATION

Monica Popescu, Mihaela Picu

21. PRELIMINARY STUDY REGARDING THE GROWTH AND YIELDING PROCESSES OF TWO ARONIA MELANOCARPA CULTIVARS IN THE PEDOCLIMATIC CONDITIONS OF MARACINENI-ARGES AREA

Marinela Nicoleta Diaconescu Dinu, Ivona Enescu (Mazilu),
Sina Cosmulescu

22. EVOLUTION OF POLYPHENOLS AND FLAVONOIDS LEVELS IN LEAVES, ENDOCARP AND KERNEL OF THREE *JUGLANS REGIA* L. CULTIVARS

Ivona Mazilu, Loredana Elena Vijan, Simona Giura, Mihai Botu

23. STRUCTURE OF A FLOWER CHELIDONIUM MAJUS VALUABLE MEDICINAL PLANT

Olena Boika

18.00 - 19.00:

- Questions & Answer Session
- Discussions & Future cooperation
- Conclusions

Section: Promoting Quality of Life

SKYPE Web Meeting: <https://join.skype.com/M0CnRgJMCoM0>

Friday, 28 May 2021

Chairpersons:

- Assoc. Prof. Nicoleta Răban-Motounu, PhD, University of Pitești, România
- Ruchi Upadhyay, M. Sc., The Maharaja Sayajirao University of Baroda, Gujarat, India; Doctoral Student, Silesian University of Technology, Gliwice, Poland

Presentations: 10.00 - 13.00

1. PERIPHERAL BLOOD MITOCHONDRIAL DNA ALTERATION DURING SYSTEMIC LUPUS NEPHRITIS

Ruchi Upadhyay, Ratika Srivastava

2. ACRYLAMIDE IN FRENCH FRIES PREPARED IN AT HOME AND FAST FOOD CONDITIONS

Alina Cristina Adascălului, Mioara Negoită, Adriana Laura Mihai, Gabriela-Andreea Horneț

3. EFFECT OF REPEATED DEEP-FAT FRYING OF FRENCH FRIES IN SUNFLOWER AND PALM OILS ON THE ACRYLAMIDE CONTENT

Adriana Laura Mihai, Mioara Negoită, Gabriela-Andreea Horneț, Alina Cristina Adascălului

4. INFLUENCE OF POTATO VARIETY AND TYPE OF OIL USED IN FRYING POTATOES ON ACRYLAMIDE LEVEL
Gabriela-Andreea Horneț, Mioara Negoită, Adriana Laura Mihai, Alina Cristina Adascălului
 5. USING METAPHORS TO REDUCE ANXIETY IN ADOLESCENTS
Elena Carmen Bolovan, Ileana-Loredana Vitalia
 6. THE EFFECTS OF CREATIVE MEDITATION ON PSYCHOLOGICAL DISTRESS AND AWARENESS CAPACITY DURING COVID 19 PANDEMIC
Ileana-Loredana Vitalia
 7. HEALTHY LIVING AFTER TRAUMATIC EXPERIENCES: DISSOCIATION, AGREEABLENESS, AND SELF-ACTUALIZATION
Ionuț Adrian Chiru, Nicoleta Răban-Motounu
 8. FOCUSING ON SELF INSTEAD OF REACTING TO STRESSORS CHARACTERIZE PEOPLE WITH NORMAL BLOOD PRESSURE
Gina Jeni Grigoriță, Nicoleta Răban-Motounu
 9. PSYCHOLOGY STUDENTS' PERCEPTIONS ON THEIR QUALITY OF LIFE DURING COVID-19 PANDEMIC
Maria Claudia Ionescu, Andreea Stan
 10. IDENTIFICATION OF THE NUTRITIONAL STATUS AND EATING HABITS OF A REPRESENTATIVE GROUP OF PREGNANT WOMEN
Adriana Macri, Fulvia Ancuța Manolache
 11. THE INFLUENCE OF BISPHENOL A ON ENVIRONMENT LIFE
Alina Pahonțu, Rosana Draganescu, Daniela Simina Stefan
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12. RESEARCH ON RADON-222 CONTENT IN DRINKING-WATER SAMPLES COLLECTED FROM SIBIU COUNTY

Cecilia Ionela Tăban, Simona Oancea

13. A WORRYING DECLINE IN ACUTE MYOCARDIAL INFARCTION ADMISSIONS WITH PARALLEL INCREASE IN CASE FATALITY SINCE THE OUTBREAK OF COVID-19 – OUR EXPERIENCE

A.G. Tase, Costin Ștefan, M.G. Man, Mădălina Urluescu, Laura Stănciulescu, Florian Călina, Marius Mihăilă, Marian Țaicu

14. TOP FIVE REASONS FOR DECREASED ADMISSIONS WITH ACUTE CORONARY SYNDROME DURING THE COVID-19 PANDEMIC IN ARGEȘ COUNTY

A.G. Tase, Anca Tase, M.G. Man, Mădălina Urluescu, Costin Ștefan, Mădălina Marian, Florian Călina, Marian Țaicu

15. SWITCHING ANTIHYPERTENSIVE THERAPY FROM ACE INHIBITORS TO ANGIOTENSIN RECEPTOR BLOCKERS DURING COVID-19 PANDEMIC – A BALANCED SOLUTION?

A.G. Tase, Costin Ștefan, M.G. Man, A. Stoiculescu, Monica Țânțu, Loredana Vâjan, Florian Călina, Marian Țaicu

16. THE IMPACT OF COVID-19 UPON RHYTHM DISTURBANCES BURDEN – OUR EXPERIENCE

A.G. Tase, Costin Ștefan, M.G. Man, Adrian Stoiculescu, Mădălina Urluescu, Florian Călina, O.T. Țetiu, Marian Țaicu

17. HOW FEASIBLE ARE THE USUAL GUIDELINE PARAMETERS FOR ASSESSMENT DIASTOLIC DYSFUNCTION IN EVALUATION OF HEART FAILURE WITH PRESERVED EJECTION FRACTION?

Mădălina-Loredana Urluescu, Adrian Tase

18. THE ROAD OF FINDING NEW PARAMETERS FOR ASSESSMENT THE PATIENTS WITH HEART FAILURE WITH PRESERVED EJECTION FRACTION: B-LINES A REAL CHALLENGE AND A PROMISING MARKER OF RISK

Mădălina-Loredana Urluescu, Adrian Tase

19. DETERMINATION OF IN VITRO INHIBITION EFFECTS OF LAVANDULA STOECHAS ON SOME ENZYMES

Tuba Aydin, Ruya Kaya, Mehmet Gumustas, Mucip Genisel, Cavit Kazaz, Ahmet Cakir

20. LAUGHTER AND EMPATHY

Nicoleta Răban-Motounu

