



Section 6

BIOTECHNOLOGY

SCIENTIFIC BOARD – SECTION 6: BIOTECHNOLOGY

- Veronika ABRAM – Biotechnical Faculty, University of Ljubljana, Slovenia
- Petru ALEXE – Faculty of Food Science and Engineering, “Dunarea de Jos” University of Galați, Romania
- Ioan ARDELEAN – Institute of Biology, Romanian Academy
- Gabriela BAHRIM – Faculty of Food Science and Engineering, “Dunarea de Jos” University of Galați, Romania
- Gustavo V. BARBOSA-CANOVAS – Washington State University Pullman, State of Washington, US
- Judith BARETTE – Manchester Metropolitan University, United Kingdom
- Ingrid BAUMAN – Faculty of Food Technology and Biotechnology, Zagreb, Croatia
- Narcisa BĂBEANU – Faculty of Biotechnologies, USAMV Bucharest, Romania
- Nastasia BELC – Faculty of Biotechnologies, USAMV Bucharest, Romania
- Daniela BORDA – Faculty of Food Science and Engineering, “Dunarea de Jos” University of Galați, Romania
- Dorica BOTĂU – Faculty of Agriculture, USAMV Banat, Timișoara, Romania
- Călina Petruța CORNEA – Faculty of Biotechnologies, USAMV Bucharest, Romania
- Delia DIMITRIU – Manchester Metropolitan University, United Kingdom
- Paulo Jose do AMARAL SOBRAL – Depto de Eng. De Alimentos – FZEA USP, Pirassununga, Brazil
- Katherine FLYNN – European Association for Food Safety, Brussels, Belgium
- Helmut GLATTES – ISEKI Food Association, Austria
- Gustavo Fidel GUTIERREZ-LOPEZ – ENCB-IPN, National School of Biological Sciences, National Polytechnic Institute, Mexico
- Florentina ISRAEL-ROMING – Faculty of Biotechnologies, USAMV Bucharest, Romania
- Ștefana JURCOANE – Faculty of Biotechnologies, USAMV Bucharest, Romania
- Huub LELIEVELD – GHI Association Netherlands and EFFoST Executive Committee, Netherlands
- Florentina MATEI – Faculty of Biotechnologies, USAMV Bucharest, Romania
- Lynn McINTYRE – Food Microbiology, Harper Adams University College Edgmond, Newport, United Kingdom
- Dumitru MILITARU – Institute Pasteur, Bucharest, Romania
- Amalia Carmen MITELUȚ – Faculty of Biotechnologies, USAMV Bucharest, Romania
- Anca NICOLAU – Faculty of Food Science and Engineering, “Dunarea de Jos” University of Galați, Romania
- Tatiana Vassu – University of Bucharest, Romania
- Estela de Oliveira NUNES – Santa Catarina West University – UNOESC Biotechnological Nucleus, Brazil
- Paola PITTIA – Dipartimento di Scienze, degliAlimenti University degli Studi di Teramo, Italy
- Mona Elena POPA – Faculty of Biotechnologies, USAMV Bucharest, Romania
- Cristina SILVA – ISEKI Food, Catholic University of Portugal
- Margarida VIEIRA – Directora do Dep. De Engenharia Alimentar, Instituto Superior de Engenharia, Universidade do Algarve, Portugal
- Medana ZAMFIR – Institute of Biology, Romanian Academy

ORGANIZING COMMITTEE – SECTION 6: BIOTECHNOLOGY

- Coordinator: Professor PhD. Călina Petruța CORNEA
- Professor PhD. Ștefana JURCOANE
- Professor PhD. Florentina ISRAEL-ROMING
- Associate Professor PhD. Florentina MATEI
- Associate Professor PhD. Luminița VIȘAN
- Associate Professor PhD. Daniela BĂLAN
- Lecturer PhD. Mira TURTOI
- Lecturer PhD. Oana LIVADARIU
- Lecturer PhD. Gabriela POPA
- Lecturer PhD. Diana GROPOȘILĂ-CONSTANTINESCU
- Lecturer PhD. Cătălina VOAIDEȘ
- Lecturer PhD. Mihaela GHIDURUȘ PANAGOPOULOU
- Lecturer PhD. Radu TOMA
- Lecturer PhD. Gabriela MĂRGĂRIT
- Lecturer PhD. Camelia DIGUȚĂ

DETAILED PROGRAMME

SECTION 6: BIOTECHNOLOGY

Thursday, 7th June, 2018

08:00 – 09:00 *Arrival and Registration of Participants*
Poster Display
09:00 – 13:30 *Opening Session & Welcome*
13:30 – 14:30 *Lunch & Networking Activities*

SESSION I ORAL PRESENTATIONS

Chairman: Prof. PhD. Călina Petruța CORNEA
Moderator: Prof. PhD. Florentina ISRAEL-ROMING

Faculty of Biotechnologies, Aula Magna - First Floor

14:30 – 14:40 *Conference Section* *Faculty of Biotechnologies,*
Opening *Aula Magna - First Floor*

Time	Authors	Paper Title
14:40 – 15:10	Huub LELIEVELD, Hans ROELOFS	MORE SUSTAINABLE COOKING - LESS WASTE, LESS ENERGY, BETTER TASTE
15:10 – 15:40	Leonardo Leonardi, Ilaria PETTINARI	BIOTECHNOLOGIES APPLIED TO MEDICINE: LIQUID BIOPSY-BASED METHODS FOR THE DETECTION OF CIRCULATING TUMOR
15:40 – 16:10	Nicolae CORCIONIVOSCHI	THE EFFECT OF NATURAL ANTIMICROBIALS ON <i>Campylobacter</i> PATHOGENICITY
16:10– 16:30	Daniela BORDA	A FRESH PERSPECTIVE ON HURDLE APPLICATIONS IN FOODS BY HIGH PRESSURE PROCESSING

16:30 – 17:00	<i>Coffee Break</i>	<i>Faculty of Biotechnologies, First Floor, Main Hall</i>
17:00 – 18:00	<i>Viewing Posters</i>	<i>Faculty of Biotechnologies, First Floor, Main Hall</i>
19:30 – 21:30	<i>Official Gala Dinner</i>	

Friday, 8th June, 2018

08:00 – 09:00	<i>Registration of Participants Poster Display</i>	Faculty of Biotechnologies, First Floor, Main Hall
----------------------	---	---

SESSION II ORAL PRESENTATIONS

***Chairman: Prof. PhD. Ștefana JURCOANE
Moderator: Assoc. Prof. PhD. Florentina MATEI***

Faculty of Biotechnologies, Aula Magna - First Floor

Time	Authors	Paper Title
09:00 – 09:30	Monica BOSCAIU, Miguel NARANJO, Oscar VICENTE	STRATEGIES TO INCREASE CROP YIELDS IN A CLIMATE CHANGE SCENARIO
09:30 – 10:00	Judith BARRETT, Simon CHRISTIE	ASSESSING BIOAVAILABILITY OF METALS IN BIOFUEL FEEDSTOCKS, AND IMPLICATIONS FOR CONTAMINATED LAND USE STRATEGIES
10:00 – 10:30	Burcu BAYYURT, Ömer Faruk ALGUR, Lütfi BAYYURT	FORAGE QUALITY ANALYSIS OF WHEAT AND BARLEY STRAW AFTER MICROBIAL INOCULATION

Time	Authors	Paper Title
10:30 – 11:00	Gabriel Florin ANTON, Călina Petruța CORNEA, Maria JOIȚA-PĂCUREANU, Luxița RÎȘNOVEANU, Eliza SAVA, Mihaela POPA, Alexandru BRAN	SUNFLOWER BREEDING FOR WELL DEVELOPING IN CONDITIONS OF THE CLIMATE CHANGE
11.00 – 11.30	<i>Coffee Break</i>	<i>Faculty of Biotechnologies, First Floor, Main Hall</i>

SESSION III ORAL PRESENTATIONS

Chairman: Prof. PhD. Mona Elena POPA
Moderator: Assoc. Prof. PhD. Amalia Carmen MITELUȚ

Faculty of Biotechnologies, Aula Magna - First Floor

Time	Authors	Paper Title
11:30 – 11:45	Dana COPOLOVICI, Loredana LAZĂR, Denissa A. POP, Alina M. BAN, Lucian COPOLOVICI	PROFILES OF FATTY ACIDS AND VOLATILE COMPOUNDS EVALUATED FROM DIFFERENT TYPES OF CHEESES
11:45 – 12:00	Gabriela ȚENEA, Juan Martin GUAÑA, Clara ORTEGA, Pamela HURTADO, Tatiana DELGADO, Lucía YEPEZ	POTENTIAL OF BACTERIOCIN- LIKE SUBSTANCES PRODUCED BY <i>Lactobacillus plantarum</i> UTNCys5-4 TO INHIBIT FOOD PATHOGENS IN RAW MEAT
12:00– 12:15	Arzu KART, Hüseyin ÖZTürk	SCREENING OF KILLER ACTIVITY IN YEAST STRAINS ISOLATED FROM FERMENTED AND NON- FERMENTED FOODS AGAINST SPOILING FOOD YEASTS

Time	Authors	Paper Title
12:15 – 12:30	Faika YARALI KARAKAN, Bekir Bülent ARPACI	COLD/HEAT SHOCK PRE-TREATMENTS FOR GYNOGENIC HAPLOID EMBRYO INDUCTION IN AMARYLLIDACEAE AND CUCURBITACEAE: A REVIEW
12:30– 12:45	Monica POPA, Andreea TICAN, Mihaela CIOLOCA, Carmen Liliana BĂDĂRĂU	RESULTS OF SUGAR ALCOHOLS INFLUENCE OVER DIFFERENT ROMANIAN POTATO VARIETIES
12:45 – 13:00	Valentina JOSAN, Inna RASTIMESINA, Olga POSTOLACHI, Tatiana GUTUL	EFFECT OF TRIFLURALIN, ZERO-VALENT IRON AND MAGNETITE NANOPARTICLES ON GROWTH OF MICROMYCETES
13:00 – 13:10	Musa DAHIRU, Hafiz SULAIMAN	A POTENTIAL CHOLERA EPIDEMIC SOURCE: SOME FRESH VEGETABLES IN GOMBE
13:10 – 13:20	Mehmet KOÇ, İbrahim Samet GÖKÇEN, Muhittin KULAK, Hakan ÇETİNKAYA, Kenan YILDIZ, Volkan OKATAN	ASSESSING GENETIC DIVERSITY OLIVE GERMPASMS GROWN IN KILIS BY SIMPLE-SEQUENCE-REPEAT MARKERS
13:20 – 13:30	Florentina MATEI, Radu Cristian TOMA, Mihaela GHIDURUŞ PANAGOPOULU, Flavia ANGHEL, Gabriel Eugen GARAIŞ	DEVELOPING ENTREPRENEURIAL CULTURE AMONG BIOTECH STUDENTS
13:30-14:30	<i>Lunch</i>	<i>Faculty of Biotechnologies, First Floor, Main Hall</i>
14:30 – 15:30	<i>Viewing Posters and Discussions</i>	<i>Faculty of Biotechnologies, First Floor, Main Hall</i>
15:30 – 16:00	<i>Final Discussions and Conclusions</i>	<i>Faculty of Biotechnologies, Aula Magna - First Floor</i>

POSTER PRESENTATIONS

Location: Faculty of Biotechnologies, First Floor, Main Hall

Subsection I: AGRICULTURAL BIOTECHNOLOGY

Time	Authors	Paper Title
P.I.1.	Ana Raluca COJOACĂ, Călina Petruța CORNEA	THE INFLUENCE OF THE EXPOSURE TIME TO THE DOUBLING AGENT ON THE NUMBER OF PLANTS THAT PRODUCED EARS WITH KERNELS IN DH TECHNOLOGY
P.I.2.	Katya VELICHKOVA, Ivaylo SIRAKOV, Stefka STOYANOVA, Yordan STAYKOV	CULTIVATION OF LETTUCE (<i>Lactuca sativa</i> L.) AND RAINBOW TROUT (<i>Oncorhynchus mykiss</i> W.) IN THE AQUAPONIC RECIRCULATION SYSTEM
P.I.3.	Nona ILIUȚĂ, Florentina MATEI	RESEARCHES REGARDING THE POTENTIAL OF HEAVY METALS-RESISTANT MICROORGANISMS IN SUSTAINABLE AGRICULTURE
P.I.4.	Mehmet GÖKSU, Ahmet KILIÇKAN, Mehmet KİRRAZ	THE POWER GENERATION PLANNING OF WIND ENERGY
P.I.5.	Gabriela ȚEȚU, Marian PETRE	BIOTECHNOLOGICAL RECYCLING OF FRUIT TREE WASTES THROUGH THE ORGANIC CULTIVATION OF MUSHROOM SPECIES
P.I.6.	Orsolya Csilla RADULYI, József FAZAKAS, Cristina ROȘU, Florin OANCEA	INORGANIC PLANT BIOSTIMULANT
P.I.7.	Ancuța CRÎNGAȘU (BĂRBIERU)	NEW GERMPLASM REALISED TO WINTER PEA WITH SUPERIOR AGRONOMIC TRAITS
P.I.8.	Steliana Paula (DOBRE) BARBU, Aurel GIURA, Daniel CRISTINA, Călina Petruța CORNEA	THE INFLUENCE OF CLIMATIC VARIATIONS ON THE STABILITY OF WHEAT PLANT HEIGHT
P.I.9.	Daniel CRISTINA, Matilda CIUCĂ, Vasile MANDEA, Călina Petruța CORNEA	GENETIC DIVERSITY AT TaSAP1-A1 LOCUS IN SOME EUROPEAN WINTER WHEAT CULTIVARS

Time	Authors	Paper Title
P.I.10.	Mariana CĂLIN, Diana CONSTANTINESCU- ARUXANDEI, Iuliana RĂUT, Florin OANCEA, Luiza JECU, Gelu VASILESCU, Ana-Maria GURBAN, Mihaela BADEA DONI, Melania-Liliana ARSENE, Veronica LAZĂR	SCREENING OF FILAMENTOUS FUNGI FOR BIOSYNTHESIS OF SELENIUM NANOPARTICLES WITH POTENTIAL APPLICATIONS IN AGRICULTURE
P.I.11.	Georgiana DUȚĂ-CORNESCU, Viorica CORBU, Mihaela PITICA, Alexandra SIMON-GRUIȚA, Nicoleta CONSTANTIN, Daniela-Maria POJOGA, Tatiana VASSU, Ortansa CSUTAK	YEAST SUSPENSIONS AS BIOSTIMULATORS FOR <i>Phaseolus vulgaris</i> GROWTH
P.I.12.	Larisa CREMENEAC, Tatiana BOCLACI	THE ROLE OF EFFICIENT MICROORGANISMS IN THE PROCESS OF OBTAINING THE BIOCOMPOST
P.I.13.	Cătălina STAN (TUDORA), Adriana MUSCALU, Valentin Nicolae VLĂDUȚ, Florentina ISRAEL-ROMING	ALLELOPATHIC POTENTIAL OF VOLATILE/ESSENTIAL OILS AND HYDROSOLS OBTAINED FROM CULTURED MEDICINAL PLANTS
P.I.14.	Ana-Cristina FĂTU, Mihaela-Monica DINU, Ana-Maria ANDREI	SUSCEPTIBILITY OF SOME MELOLONTHINE SCARAB SPECIES TO ENTOMOPATHOGENIC FUNGUS <i>Beauveria brongniartii</i> (Sacc.) Petch AND <i>Metarhizium anisopliae</i> (Metsch.)
P.I.15.	Andreea LUPITU, Daniel TOMESCU, Claudia Anca MOT, Cristian MOISA, Dana Maria COPOLOVICI, Lucian COPOLOVICI	VARIATION IN PHENOLIC CONTENT AND ANTIOXIDANT ACTIVITY OF DIFFERENT PLANT PARTS OF <i>Primula veris</i>
P.I.16.	Mariana POPESCU, Florin OANCEA, Elena RADU, Mălina DEȘLIU-AVRAM, Călina Petruța CORNEA	BIOCONVERSION OF OILSEEDS INTO BIOPRODUCTS FOR CULTIVATED PLANTS NUTRITION AND PROTECTION

Time	Authors	Paper Title
P.I.17.	Mihaela URSAN, Oana Alina BOIU-SICUIA, Cătălina VOAIDEȘ, Vasilica STAN, Corina BUBUEANU, Călina Petruța CORNEA	THE POTENTIAL OF NEW STREPTOMYCES ISOLATES AS BIOCONTROL AGENTS AGAINST <i>Fusarium</i> spp.
P.I.18.	Leonid VOLOȘCIUC, Veronica JOSU	THE BIOTECHNOLOGY FOR SOLVING OF PLANT PROTECTION PROBLEMS IN ORGANIC FARMING

Subsection II: BIOTECHNOLOGY IN VETERINARY MEDICINE

Time	Authors	Paper Title
P.II.1.	Maria Rodica GURĂU, Hasan Majid HAMEED, Mihaela Cristiana POPP, Marius Valer CÂMPEANU, Doina DANEȘ	THE PRESENCE OF IRON AND IUCC VIRULENCE - ASSOCIATED GENES IN ROMANIAN APEC ISOLATES
P.II.2.	Emoke PALL, Raul Alexandru POP, Simona CIUPE, Mihai CENARIU, Ioan Ștefan GROZA	CANINE AMNIOTIC MEMBRANE DERIVED MESENCHYMAL STEM CELLS - POTENTIAL SOURCES FOR REGENERATIVE MEDICINE
P.II.3.	Pierre Marie KAKTCHAM, Jules Bocamdé TEMGOUA, François NGOUFACK ZAMBOU, Gloria DIAZ RUIZ, Carmen WACHER, María de Lourdes PEREZ CHABELA	LACTIC ACID BACTERIA ISOLATED FROM FISH IN CAMEROON: POTENTIAL TO BE USED AS PROBIOTICS IN AQUACULTURE

Subsection III: FOOD BIOTECHNOLOGY

Time	Authors	Paper Title
P.III.1.	Mihaela DUTU, Mirela ARDELEAN, Aurel ARDELEAN, Andrei LOBIUC	INFLUENCE OF GREEN, RED AND BLUE LIGHT EMITTING DIODES ON <i>IN VITRO</i> REGENERATION AND ANTIOXIDANT PROPERTIES OF <i>Lycium barbarum</i>
P.III.2.	Rana AĞALDAY, Selda BULCA	THE EFFECT OF SELECTED OLIGOSACCHARIDES ON THE GROWTH OF <i>Lactobacillus</i> AND <i>Bifidobacterium</i> STRAINS AND THE USE OF PROBIOTICS IN THE PRODUCTION OF GOAT MILK BASED FOLLOW-UP FORMULA
P.III.3.	Ecem AKAN, Özer KINIK	EFFECTS OF LACTIC ACID BACTERIA ON LACTOSE P.INTOLERANCE, DIARRHEAL DISEASE AND ALLERGY
P.III.4.	Evelina GHERGHINA, Daniela BĂLAN, Gabriela LUȚĂ, Florentina ISRAEL-ROMING	VARIATION OF SOME ANTIOXIDANTS CONTENT IN <i>Rosa canina</i> FRUIT DURING STORAGE
P.III.5.	Selda BULCA	CHEMICAL COMPOSITION OF CAMEL MILK AND ITS BENEFICIAL EFFECTS ON HUMAN HEALTH
P.III.6.	Selda BULCA, Eda SARIKOÇ, Sezgin DIZDAR	ANTI ALLERGENIC PROPERTIES, THERMAL STABILITY AND THE USE OF CAMEL MILK IN THE MANUFACTURE OF MILK PRODUCTS
P.III.7.	Virgil VRĂJMAȘU, Camelia Filofteia DIGUȚĂ, Florentina MATEI	CLASSIC VERSUS MODERN TOOLS TO STUDY MICROBIAL POPULATION DYNAMICS DURING FOOD FERMENTATION PROCESSES
P.III.8.	Fahriye ÜMÜT, Selda BULCA	THE EFFECT OF TRANSGLUTAMINASE ENZYME IN GOAT'SILK YOGHURT
P.III.9.	Adriana Laura MIHAI, Mioara NEGOIȚĂ, Alina Cristina ADASCĂLULUI, Valentin IONESCU, Nastasia BELC	EVALUATION OF FATTY ACIDS COMPOSITION OF SOME FOOD SAMPLES BY USING GC-MS AND NMR TECHNIQUES

- P.III.10. Iulia-Roxana ȘTEFAN,
Călina Petruța CORNEA,
Silvia-Simona GROSU-TUDOR,
Medana ZAMFIR
PHYSIOLOGICAL AND METABOLIC
RESPONSES OF FUNCTIONAL LACTIC
ACID BACTERIA TO STRESS FACTORS
- P.III.11. Sergiu DOBROJAN,
Victor ȘALARU,
Galina DOBROJAN
THE INFLUENCE OF *Nostoc flagelliforme*
BIOMASS APPLICATION AS SEED
GERMINATION AND FOLIAR FERTILIZER
FOR TOMATO PLANTS
- P.III.12. Georgia OLARU,
Elena Mona POPA
MICROENCAPSULATION OF ESSENTIAL
OILS OBTAINED FROM NATURAL HERBAL
FOR USE IN THE FOOD INDUSTRY
- P.III.13. Elena COARFĂ,
Mona Elena POPA
SOME RELEVANT QUALITY INDICATORS
OF RED WINE FROM THREE GRAPES
CULTIVARS – A MINIREVIEW
- P.III.14. Luminița Raluca SIMIONESCU,
Narcisa BĂBEANU,
Călina Petruța CORNEA
STUDY ON INCIDENCE OF GENETICALLY
MODIFIED PLANTS LIKE RAW
MATERIALS, IN ROMANIA, DURING 2012 –
2017
- P.III.15. Edward MUNTEAN,
Marcel DUDA,
Nicoleta MUNTEAN
POLYCYCLIC AROMATIC
HYDROCARBONS IN CORN GRAINS
- P.III.16. Elena UTOIU,
Anca OANCEA,
Ana-Maria STANCIUC,
Laura ȘTEFAN,
Agnes TOMA,
Angela MORARU,
Camelia Filofteia DIGUȚĂ,
Florentina MATEI,
Călina Petruța CORNEA,
Florin OANCEA
PREBIOTIC CONTENT AND PROBIOTIC
EFFECT OF KOMBUCHA FERMENTED
POLLEN
- P.III.17. Andra Lavinia NICHÎȚEAN,
Diana CONSTANTINESCU-
ARUXANDEI,
Florin OANCEA
METHODS FOR ENHANCING THE
POLYPHENOLIC CONTENT IN HONEY
- P.III.18. Roxana SPULBER,
Carmen CHIFIRIUC,
Mădălina FLEANCU,
Ovidiu POPA,
Narcisa BĂBEANU
ANTIBACTERIAL ACTIVITY OF
MAGNETITE NANOPARTICLES COATED
WITH BEE POLLEN EXTRACTS

Subsection IV: INDUSTRIAL AND ENVIRONMENTAL BIOTECHNOLOGY

Time	Authors	Paper Title
P.IV.1.	Mariana CĂLIN, Iuliana RĂUT, Florin OANCEA, Diana CONSTANTINESCU- ARUXANDEI, Mihaela DONI BADEA, Melania-Liliana ARSENE, Gelu VASILESCU, Ana-Maria GURBAN, Luiza JECU	INVESTIGATION OF A SUSTAINABLE ALTERNATIVE FOR PLANT GROWTH PROMOTING BY ENDOPHYTIC FUNGI
P.IV.2.	Ortansa CSUTAK, Viorica CORBU, Ileana STOICA, Tatiana VASSU	FATTY ACIDS EFFECT ON LIPASE AND BIOSURFACTANT INDUCTION IN <i>Rhodotorula glutinis</i> CMGB-RG5
P.IV.3.	Getuța DOPCEA, Florentina MATEI	REVIEW ON SOME CURRENT SKIN ANTISEPTICS
P.IV.4.	Daniel NIȚOI, Florentina MATEI, Călina Petruța CORNEA	PROBIOTICS AS ANTIFUNGAL AGENTS: AN ANTI- <i>Candida</i> REVIEW -
P.IV.5.	Alina-Loredana POPA, Veronica DRUMEA, Mihai Alexandru FLOREA, Laura OLARIU, Ștefana JURCOANE	<i>Camelina sativa</i> CROP-INSTRUMENT FOR PHYTOREMEDIATION OR SAFE CULTURE GROWN ON CONTAMINATED SOIL?
P.IV.6.	Ivaylo SIRAKOV, Katya VELICHOVA, Desislava SLAVCHEVA- SIRAKOVA	IN VITRO STUDY OF THE USE OF SOME MEDICINAL PLANTS AGAINST THE FISH PATHOGEN <i>Aeromonas hydrophila</i>
P.IV.7.	Aglaia BURLACU, Florentina ISRAEL-ROMING, Călina Petruța CORNEA	DEPOLYMERIZATION OF KRAFT LIGNIN WITH LACCASE AND PEROXIDASE: A REVIEW
P.IV.8.	Mihai Bogdan NICOLCIOIU, Gabriela POPA, Florentina MATEI	BIOCHEMICAL INVESTIGATIONS OF DIFFERENT MUSHROOM SPECIES FOR THEIR BIOTECHNOLOGICAL POTENTIAL
P.IV.9.	Gabriela POPA, Bogdan Mihai NICOLCIOIU, Radu-Cristian TOMA	EXTRACELLULAR LACCASE PRODUCTION IN SUBMERGED CULTURE OF SOME WHITE - ROT FUNGI AND THEIR IMPACT FOR TEXTILE DYES DECOLORISATION

Time	Authors	Paper Title
P.IV.10.	Ricuța Vasilica DOBRINOIU, Silvana Mihaela DĂNĂILĂ- GUIDEA, Rodica IVAN, Giovanni BEZZE, Davide VITALI	RESEARCH CONCERNING THE INFLUENCE OF ALTERNATIVE MEHODS FOR FIGHTING AGAINST WEEDS AND OF FOLIAR FERTILIZATION ON <i>Phylostachys pubescens</i> SPECIES DEVELOPMENT
P.IV.11.	Maria-Mihaela MICUȚI, Liliana BĂDULESCU, Aglaia BURLACU, Florentina ISRAEL-ROMING	ACTIVITY OF PEROXIDASE AND CATALASE IN SOILS AS INFLUENCED BY SOME INSECTICIDES AND FUNGICIDES
P.IV.12.	Ana Valentina ARDELEAN, Ioan ARDELEAN, Oana Alina SICUIA-BOIU, Călina Petruța CORNEA	RANDOM- MUTAGENESIS IN PHOTOSYNTHETIC MICROORGANISMS FURTHER SELECTED WITH RESPECT TO INCREASED LIPID CONTENT
P.IV.13.	Diana GROPOȘILĂ- CONSTANTINESCU, Luminița VIȘAN, Radu-Cristian TOMA, Gabriela MĂRGĂRIT, Dana BARBA	RESEARCHES ON OBTAINING PRODUCTS WITH ADDED VALUE THROUGH SUPERIOR CAPITALIZING OF WHEY
P.IV.14.	Maria PETRESCU, Mihaela-Carmen EREMIA	EFFECTS OF GAMMA RADIATION ON INULINASE PRODUCTION BY <i>Aspergillus terreus</i>
P.IV.15.	Ovidiu IORDACHE, Iuliana DUMITRESCU, Elena PERDUM, Elena-Cornelia MITRAN, Ana-Maria Andreea CHIVU	AN OVERVIEW ON MICROORGANISMS DERIVED BIO-MATERIALS
P.IV.16.	Roxana-Mădălina STOICA, Caterina TOMULESCU, Angela CĂȘĂRICĂ, Mariana-Grațiela SOARE (VLADU)	TOMATO BY-PRODUCTS AS A SOURCE OF NATURAL ANTIOXIDANTS FOR PHARMACEUTICAL AND FOOD INDUSTRIES – A MINI-REVIEW

Time	Authors	Paper Title
P.IV.17.	Mariana CĂLIN, Iuliana RĂUT, Diana CONSTANTINESCU- ARUXANDEL, Florin OANCEA, Mihaela DONI BADEA, Melania-Liliana ARSENE, Gelu VASILESCU, Luiza JECU, Ana-Maria GURBAN, Veronica LAZĂR	USEFUL APPLICATION OF FUNGI PRODUCING KERATINASE AND CHITINASE IN PLANT GROWTH AND PROTECTION
P.IV.18.	Mihaela DUMITRU, Cristina TABUC, Ștefana JURCOANE	OBTAINING A FEED ADDITIVE BASED OF <i>Lactobacillus plantarum</i> STRAIN

Subsection V: FOOD SAFETY

Time	Authors	Paper Title
P.V.1.	Nural KARAGÖZLÜ, Aslı AKPINAR	RISK ASSESMENT OF OCHRATOXIN A IN FOODS
P.V.2.	Khaled SELIM, Laila RABEE, Magda ABD EL-BAKI	THE PROTECTIVE EFFECT OF OLIVE OIL, FLAXSEED OIL AND THEIR BLEND ON CCL4 -INDUCED LIVER HEPATITIS IN RATS
P.V.3.	Ramona COTRUȚ	FREEZE DRYING - NOTABLE ADVANCEMENTS IN SUBLIMATION- DRYING OF FOODS
P.V.4.	Sorin Sergiu CHELMU	DESIGNING AN INFORMATIC SYSTEM FOR THE FUNCTIONING OF A VETERINARY PHARMACY IN THE RURAL ENVIRONMENT IN ROMANIA. CASE STUDY PORK TRANSABILITY
P.V.5.	Paul-Alexandru POPESCU, Amalia Carmen MITELUȚ, Elena POPA, Mona Elena POPA	STATE OF THE ART ON NEW PROCESSING TECHNIQUES USED FOR PRESERVATION OF AGRICULTURAL PRODUCTS - A CRITICAL REVIEW

Time	Authors	Paper Title
P.V.6.	Georgiana-Aurora ȘTEFĂNOIU, Elisabeta Elena POPA, Amalia Carmen MITELUȚ, Mona Elena POPA	MARKETING RESEARCH REGARDING CONSUMER PERCEPTIONS ON RADIOFREQUENCY USING IN BAKERY PRODUCTION
P.V.7.	Cristian MOISA, Lucian COPOLOVICI, Georgeta POP, Andreea LUPITU, Virgiliu CIUTINA, Dana COPOLOVICI	ESSENTIAL OIL COMPOSITION, TOTAL PHENOLIC CONTENT, AND ANTIOXIDANT ACTIVITY - DETERMINED FROM LEAVES, FLOWERS AND STEMS OF <i>Origanum vulgare</i> L. var. <i>aureum</i>

Subsection VI: MISCELLANEOUS

Time	Authors	Paper Title
P.VI.1.	Adrian TUREK, Ștefana JURCOANE, Dorina Nicoleta MOCUȚA, Cătălin Costin ONIGA	CONVERSION OF CONVENTIONAL FISH FARMS INTO ECOLOGICAL
P.VI.2.	Emanuel VAMANU, Oana LIVADARIU, Mihaela ENE	CHARACTERIZATION OF SOME BIOACTIVE COMPOUNDS RELEASED BY <i>Inonotus obliquus</i> IN SUBMERGED CULTURE
P.VI.3.	Hülya GÜL, Semra Gül TEKELİ	EVALUATION OF NUTRITIONAL, PHYSICAL, TEXTURAL AND SENSORIAL PROPERTIES OF GLUTEN FREE COOKIES SUPPLEMENTED WITH DRIED <i>Rosa</i> <i>damascena</i> Mill. PETALS
P.VI.4.	Gabriela-Lucica MĂRGĂRIT, Radu-Cristian TOMA, Dana BARBA, Diana CONSTANTINESCU- GROPOȘILĂ	BARRIERS IN ONLINE MARKETING, FEAR IN CONSUMER'S MENTALITY
P.VI.5.	Hülya GÜL, Fatma HAYIT, Sultan ACUN, Semra Gül TEKELİ	IMPROVEMENT OF QUALITY CHARACTERISTICS OF GLUTEN-FREE COOKIES WITH THE ADDITION OF XANTHAN GUM

Time	Authors	Paper Title
P.VI.6.	Radiana-Maria TAMBA- BEREHOIU, Ciprian POPA, Luminița Valerica VIȘAN, Vasilica SIMION, Ricuța Vasilica DOBRINOIU, Silvana Mihaela DĂNĂILĂ- GUIDEA	FARINOGRAPH VS. ALVEOGRAPH IN PREDICTIVE MODELLING OF WHEAT FLOURS QUALITY
P.VI.7.	Radu-Cristian TOMA, Gabriela MĂRGĂRIT, Diana CONSTANTINESCU- GROPOȘILĂ, Dana BARBA, Gabriela POPA	THE USE OF MOBILE APPLICATIONS IN THE FIELD OF BIOTECHNOLOGIES
P.VI.8.	Caterina TOMULESCU, Mișu MOSCOVICI, Roxana STOICA, Mariana VLADU, Ioana NICU	ISOLATION AND SCREENING OF MICROBIAL STRAINS FOR POTENTIAL ANTIMICROBIAL ACTIVITY