



The 11th Edition

# **EUROALIMENT**

International Symposium  
2023

## **SYMPOSIUM PROGRAM**

19-20 October  
Online event

Organized by  
Dunărea de Jos University  
Faculty of Food Science and Engineering  
Galați, Romania

## ORGANIZED BY

"Dunărea de Jos" University of Galati (<http://www.ugal.ro/>)  
Faculty of *Food Science and Engineering* (<http://www.sia.ugal.ro/>)

## ORGANIZING COMMITTEE

Gabriela BAHIRM  
Camelia VIZIREANU  
Leontina GRIGORE-GURGU  
Oana Emilia CONSTANTIN  
Iulia BLEOANĂ

Nicoleta STĂNCIUC  
Gabriela RÂPEANU  
Iuliana APRODU  
Vasilica BARBU  
Ira SIMIONOV

## UNDER THE PATRONAGE



**ISEKI-FOOD  
ASSOCIATION**

The Association of Specialists in Applied Biotechnology, ASBA  
([http://bioaliment.ugal.ro/asba\\_en.html](http://bioaliment.ugal.ro/asba_en.html))



The General Association of Engineers of Romania, A.G.I.R.  
(<https://www.agir.ro/>)



# SCIENTIFIC COMMITTEE

**Lidia FAVIER**, *Department of Chemistry and Engineering of Processes, Chemical Engineering School of Rennes, Institute of Chemical Science of Rennes, FRANCE*

**Katarzyna FELISIAK**, *Faculty of Food Sciences and Fisheries, West Pomeranian University of Technology in Szczecin, POLAND*

**Ewa MACIEJCZYK**, *Faculty of Biotechnology and Food Sciences, Lodz University of Technology, POLAND*

**Julia MARIN-NAVARRO**, *Department of Biochemistry and Molecular Biology, University of Valencia, SPAIN*

**Ekaterini MOSCHOPOULOU**, *Department of Food Science & Human Nutrition, Laboratory of Dairy Research, Agricultural University of Athens, GREECE*

**Remigiusz PANICZ**, *Faculty of Food Sciences and Fisheries, West Pomeranian University of Technology in Szczecin, POLAND*

**Christian RIEDEL**, *Institute of Microbiology and Biotechnology, University of Ulm, GERMANY*

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**Jalil ZORRIEHZAHRA**, *Iranian Fisheries Science Research Institute, University of Putra, IRAN*

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**Verma DEEPAK KUMAR**, *Agricultural and Food Engineering Department, Indian Institute of Technology Kharagpur, INDIA*

**Adem GHARSALLAOUI**, *Laboratoire d'automatique et de génie des procédés et génie pharmaceutique, University Claude Bernard Lyon I, FRANCE*

**Costel DARIE**, *Department of Chemistry and Biomolecular Science, Clarkson University, UNITED STATES OF AMERICA*

**Katarzyna SAMBORSKA**, *Department of Food Engineering and Process Management, Institute of Food Sciences, POLAND*

**Maciej KLUZ**, *College of Natural Sciences, University of Rzeszów, POLAND*

**Anka TRAJKOVSKA**, *Faculty of Technology and Technical Sciences-Veles, Republic of North MACEDONIA*

**Rodica STURZA**, *Technical University of Moldova, Chişinău, Republic of MOLDOVA*

*Thursday, 19<sup>th</sup> of October*

## OPENING SESSION, ORGANIZERS' WELCOME

Moderators: Katarzyna SAMBORSKA, Daniela BORDA

- 10:00-10:20** Lucian Puiu GEORGESCU, Rector of *Dunărea de Jos* University of Galați, Romania  
Silviu STANCIU, Vice-Rector of *Dunărea de Jos* University of Galați, Romania  
Nicoleta STĂNCIUC, Vice-Dean of Food Science and Engineering Faculty,  
*Dunărea de Jos* University of Galați, Romania

## PLENARY SESSIONS

- 10:20-10:50** *Pickering emulsions stabilized by surface-modified silica nanoparticles*  
Jafari SEID MAHDI - *Gorgan University, Iran*
- 10:50-11:20** *Key Elements to Achieve Sustainability in Freshwater Food Production Systems*  
Remigiusz PANICZ - *West Pomeranian University, Poland*
- 11:20-11:50** *Aspects and Bioactivities of Postbiotics: Cell Free Supernatant from Lactic Acid Bacteria*  
Stefania SILVI - *University of Camerino, Italy*

**11:50-12:05** COFFEE BREAK  
POSTER SESSIONS

- 12:05-12:35** *Tomato Pomace: Waste as the New Cosmetic Raw*  
Ewa MACIEJCZYK - *Lodz University of Technology, Poland*
- 12:35-13:05** *Reducing Sugar Content in Cakes*  
Katarzyna FELISIAK - *West Pomeranian University, Poland*

# SECTION 1

## KEY DRIVERS IN FOOD SCIENCE AND TECHNOLOGY FOR A SUSTAINABLE AND SAFE NUTRITION

Moderators: Anna KOT, Iuliana APRODU

### INVITED SPEAKERS

**13:05-13:25**

*Spray Drying of Plant Beverages*

**Katarzyna SAMBORSKA** - Warsaw University, Poland

**13:25-13:45**

*Fructans in Future Foods and Human Health: Opportunities and Challenges*

**Deepak KUMAR VERMA** - Indian Institute of Technology Kharagpur, Kharagpur, India

**13:45-14:45**

**LUNCH BREAK**

**POSTER SESSIONS**

### PLENARY SPEAKERS

**14:45-15:15**

*Microencapsulation of Enterococcus durans F21: Effect of Sodium Caseinate, pH and Drying Technique*

**Adem GHARSALLAOUI** - Université Claude Bernard Lyon, France

**15:15-15:45**

*Use of Mass Spectrometry for Biomarker Discovery and Protein Characterization*

**Costel DARIE** - Clarkson University, NY, USA

### ORAL COMMUNICATIONS

Moderators: Stefania SILVI, Iulia BLEOANĂ

**15:45-16:00**

*Gut Microbiota and Alzheimer's Disease: Exploring New Frontiers in Neurodegenerative Disorders.*

**Ünkan URGANCI** - Faculty Pamukkale University, Denizli, Turkey

**16:00-16:15**

*In vitro Assessment of Antidiabetic Activities of Enhydra fluctuans Leaf Extract for Food and Drug Applications*

**Pawan PRABHAKAR** - Indian Institute of Technology Kharagpur, Kharagpur, India

**16:15-16:30**

*The Influence of Additives on the Aquafaba Quality*

**Viorica BULGARU** - Technical University of Moldova, Chisinau, Republic of Moldova

# SECTION 1

**16:30-16:45**

Cytotoxic Effect of Synthetic Antioxidants *BHA* and *BHT* on Hek-293 Human Embryonic Kidney Cells

**Busra BAYKAN**- *Manisa Celal Bayar University, Manisa, Turkey*

**16:45-17:00**

*The Impact of Pulsed Electric Field (PEF) Pre-Treatment on Selected Properties of Dried Strawberries Processed by Ultrasound-Assisted Convective Drying*

**Magdalena TRUSINSKA** - *Warsaw University of Life Sciences, Warsaw, Poland*

**17:00-17:15**

*Ultrasound-Assisted Freezing–The Influence on the Recrystallization Process and Physical Properties of Milk Ice Cream*

**Anna KOT** - *Institute of Food Sciences, Warsaw University of Life Sciences, Warsaw, Poland*

**17:15-17:30**

*Development of Peanut Spread Containing *Arthrospira platensis* var. *Toliara* as a Ready-to-Use Therapeutic Food to Treat Malnutrition*

**Antonio, Fidirina TELESPHORE** - *University of Antananarivo, Madagascar*

**CONCLUSIONS OF THE DAY**



*Friday, 20<sup>th</sup> of October*

## KEY DRIVERS IN FOOD SCIENCE AND TECHNOLOGY FOR A SUSTAINABLE AND SAFE NUTRITION

Moderators: Ekaterini MOSCHOPOULOU, Nicoleta STĂNCIUC

### PLENARY SPEAKER

**09:00-09:30**

*Implementation of a Circular Economy in the Agri-Food Sector of the Region of Murcia, Spain. Keys for a success*

**Angel Martinez SANMARTIN**, National Technological Centre for the Food and Canning Industry, Molina de Segura (Murcia), Spain

### ORAL COMMUNICATIONS

**9:30-9:45**

*Production of Biodegradable Plastic from Algae*

**Mina AHMADI** - Iranian Fisheries Science Research Institute, Agricultural Research Education and Extension Organization (AREEO), Researcher, Anzali, Iran

**9:45-10:00**

*Comparison of the Properties of Fermented Red and Yellow Beetroot*

**Anna WIERZBICKA** - University of Life Sciences, Warsaw, Poland

**10:00-10:15**

*Evaluation of Hand-Made Pasta Production by Using Sea Fennel (Crithmum maritimum L.)*

**Bilge BASTURK BERK** - Ege University, İzmir, Turkey

**10:15-10:30**

*Extraction and Characterization of Bioactive Compounds from Prunus spinosa L. Fruits with Potential in the Development of Edible Films with Multiple Functional Properties*

**Oana R. NEGREAN** - University of Agricultural Science and Veterinary Medicine of Cluj-Napoca, Romania

**10:30-10:45**

**COFFEE BREAK**

**POSTER SESSIONS**

**10:45-11:00**

*Bi-, Oleo- and Emulgels with Several Food Applications*

**Anda E. TANISLAV** - University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania

**11:00-11:15**

*Effect of Grape Skin Incorporation on Oxidative Stability of Ice Cream*  
**Olga RUSEVA** - Technical University of Moldova, Republic of Moldova

**11:15-11:25**

**CONCLUSIONS**

## **SECTION 2**

### **FOOD SAFETY CHALLENGES IN THE NEAR FUTURE**

Moderators: Ewa MACIEJCZYK, Anca NICOLAU

#### **INVITED SPEAKER**

**11:25-11:45**

*Salmonella Changes its Carbon Metabolism for Persisting in Agricultural Environments*

**Adam SCHIKORA** - Julius Kühn Institute (JKI) - Federal Research Centre for Cultivated Plants, Institute for Epidemiology and Pathogen Diagnostics, Germany

#### **ORAL COMMUNICATIONS**

**11:45-12:00**

*Antagonistic and Detoxification Potentials of Trichoderma Isolates for Control of T-2 Toxin Biosynthesizing Fusarium sporotrichioides*

**Marta MODRZEWSKA**-Institute of Agricultural and Food Biotechnology – State Research Institute, Warsaw, Poland

**12:00- 12:15**

*Effect of the Drying Process on the Stability and Profile of Cannabinoids and Terpenes Found in Cannabis sativa L. var. sativa.*

**Joanna KANABUS** - Institute of Agriculture and Food Biotechnology – State Research Institute, Warsaw, Poland

**12:15-12:30**

*Dielectric Barrier Discharge Cold Plasma Treatment of Soy Protein Isolate and Pea Protein Isolate: Insights into the Physicochemical and Functional Characteristics*

**Srutee ROUT** - Indian Institute of Technology Kharagpur, Kharagpur, India

**12:30-12:45**

**COFFEE BREAK**  
**POSTER SESSIONS**

**12:45-13:00**

*Occurrence of Microplastics in Foods and Health Effects*

**Mesut EMRE ÇETIN** - Manisa Celal Bayar University, Manisa, Türkiye



**13:00-13:15**

*Physico-Chemical and Sensory Analysis of Banana Flour*

**Daniela PALADI**-*Technical University of Moldova, Chişinău, Republic of Moldova*

**13:15-13:25**

**CONCLUSIONS**

## SECTION 3

### BIOTECHNOLOGY FOR A SUSTAINABLE FOOD PRODUCTION

Moderators: **Julia MARÍN-NAVARRO**, **Leontina GRIGORE-GURGU**

#### INVITED SPEAKERS

**13:25-13:45**

*The Existence of a Novel Phase Variation Mechanism of Eggerthella lenta Potentially Affecting Susceptibility to Phage Infection*

**Colin BUTTIMER** - *APC Microbiome Ireland, University College of Cork, Ireland*

**13:45-14:05**

*Screening and Molecular Engineering of Endolysins as Novel Antibiotics*

**Julia MARÍN-NAVARRO** - *Instituto de Agroquímica y Tecnología de los Alimentos, Facultat de Ciències Biològiques, Universitat de València, Spain*

**14:05-15:05**

**LUNCH BREAK**

**POSTERS SESSIONS**

#### ORAL COMMUNICATIONS

**15:05-15:20**

*Cold Plasma Activated Water Pretreatment and Drying of Centella asiatica Leaves for the Extraction and Encapsulation of Bioactive Compounds Using Liposome*

**Soubhagya TRIPATHY** - *Indian Institute of Technology Kharagpur, Kharagpur, India*

**15:20-15:35**

*Capsules of Beetroot By-Product Extract Produced by Electrohydrodynamic Methods*

**Alicja BARAŃSKA** - Institute of Food Sciences, Warsaw University of Life Sciences, Warsaw, Poland

**15:35-15:50**

*Optimization of the Method of Forming Nano-Emulsions and their Characterization*

**Mădălina L. MEDELEANU** - Faculty of Food Science and Technology, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Romania

**15:50-16:00**

**CONCLUSIONS**

**16:00-16:15**

**COFFEE BREAK  
POSTER SESSIONS**

## **SECTION 4**

### **MULTIDIMENSIONAL APPROACHES FOR AQUACULTURE AND AQUATIC RESOURCES SUSTAINABILITY**

Moderators: Ira SIMIONOV, Ștefan PETREA

#### **INVITED SPEAKERS**

**16:15-16:35**

*An Overview of Cold-Blooded Animals (Fish and Reptiles) Zoonotic Diseases, Past, Present and Future*

**Mohammad JALIL ZORRIEZHARA** - Iranian Fisheries Science Research Institute (IFSRI), Agricultural Research Education and Extension Organization (AREEO), Tehran, Iran

#### **ORAL COMMUNICATIONS**

**16:35-16:50**

*Economic Incentives for Environmental Services in Aquaculture: Promoting Sustainable Practices and Protecting the Aquatic Environment*

**ANGELICA DOBRE** - Dunărea de Jos University of Galați, Romania

**16:50-17:05**

*The Effect of Some Nutraceuticals on The Blood Biochemistry and Oxidative Stress at Oreochromis Niloticus Species*

**Alina ANTACHE** - Dunărea de Jos University of Galați, Romania

**17:05-17:20**

*The Production of Porphyridium Purpureum in an Airlift Flat Panel Photobioreactor*

**Ira SIMIONOV** - Dunărea de Jos University of Galați, Romania

**17:20-17:35**

*Analytical Framework Based on Machine Learning Prediction Modeling for Supporting the Inland Aquaculture Production Decision Process in Romania vs. V4 Group*

**Ștefan-Mihai PETREA** -Dunărea de Jos University of Galați, Romania

**CONCLUSIONS**

**17:40**

**POSTER AWARDS**

**CLOSING CEREMONY - ALL THE PARTICIPANTS**



**EuroAliment**

# POSTER SESSIONS

## **KEY DRIVERS IN FOOD SCIENCE AND TECHNOLOGY FOR A SUSTAINABLE AND SAFE NUTRITION**

- P.1.1** *METHOD OF INCREASING THE SAFETY AND FUNCTIONAL VALUE OF CUSTARD*  
**NATALIA NETREBA, ANGELA GUREV, VERONICA DRAGANCEA, OLGA BOESTEAN**
- P.1.2** *ANTIMICROBIAL ACTIVITY OF YOGHURT MADE USING A MIXTURE OF COWS AND GOATS MILK WITH BERRIES PUREE*  
**TATIANA CUSMENCO, VIORICA BULGARU, ARTUR MACARI, NATALIA NETREBA, IULIANA SANDU, IRINA DIANU**
- P.1.3** *PHYSICOCHEMICAL CHARACTERISTICS, BIOLOGICAL VALUE, AND ACCEPTABILITY OF QUINCE AND SEA BUCKTHORN SAUCES*  
**EUGENIA COVALIOV, TATIANA CAPCANARI, AURICA CHIRSAHOVA, VIOLINA POPOVICI, RODICA SIMINIUC**
- P.1.4** *CANNABIS SATIVA L. OIL CAKE TECHNOLOGICAL APPLICATIONS*  
**TATIANA CAPCANARI, EUGENIA COVALIOV, AURICA CHIRSAHOVA, CĂTĂLINA NEGOIȚA, RODICA SIMINIUC**
- P.1.5** *THE VALORISATION OF GARLIC (ALLIUM SATIVUM) BIOLOGICALLY ACTIVE COMPOUNDS*  
**TATIANA CAPCANARI, EUGENIA COVALIOV, OXANA RADU, AURICA CHIRSAHOVA**
- P.1.6** *SOCIODEMOGRAPHIC, NUTRITIONAL AND HEALTH STATUS FACTORS ASSOCIATED WITH ADHERENCE TO MEDITERRANEAN DIET IN AN AGRICULTURAL MOROCCAN ADULT'S POPULATION*  
**RACHIDA MOUSTAKIM, MOHAMED MZIWIRA, MOHAMMED EL AYACHI, REKIA BELAHSEN**
- P.1.7** *MODERN STRATEGIES FOR USING THE POMACE RESULTING FROM THE PROCESSING OF VEGETABLE PRODUCTS IN VALUE-ADDED PRODUCTS*  
**FLORINA-GENICA ONCICĂ, GABRIELA RÂPEANU, NICOLETA STĂNCIUC, IULIANA APRODU, GEORGIANA HORINCAR**
- P.1.8** *EVALUATION OF CAROTENOIDS, PHENOLIC COMPOUNDS, AND ANTIOXIDANT CAPACITY OF DIFFERENT VARIETIES OF PUMPKIN PEELS*  
**ROXANA NICOLETA GAVRIL (RAȚU), FLORINA STOICA, GABRIELA RÂPEANU, NICOLETA STĂNCIUC, IULIANA APRODU, OANA CONSTANTIN**
- P.1.9** *THE USE OF SEA BUCKTHORN IN THE MANUFACTURE OF BERRY SAUCES*  
**IRINA DIANU, NATALIA NETREBA, MACARI ARTUR, OLGA BOESTEAN, IULIANA SANDU**
- P.1.10** *PERSPECTIVE OF USING ZIZIPHUS JUJUBA MILL IN THE PRODUCTION OF MARMALADE-PASTILE PRODUCTS*  
**ALEXANDRA SAVCENCO, NATALIA NETREBA, VALENTINA BANTEA-ZAGAREANU**

- P.1.11** *MICROWAVE-ASSISTED DRYING OF MANGO PEELS: DRYING KINETICS AND OPTIMIZATION OF PROCESS CONDITIONS USING MATHEMATICAL MODELS AND RESPONSE SURFACE METHODOLOGY*  
**SRUTEE ROUT, PREM PRAKASH SRIVASTAV**
- P.1.12** *GLOBAL FOOD MARKET IN CRISIS SITUATIONS. LESSONS FOR THE FUTURE*  
**SILVIUS STANCIU, MIHAELA PILA**
- P.1.13** *FOOD LOSS AND WASTE. A GLOBAL APPROACH*  
**MIHAELA PILA, SILVIUS STANCIU**
- P.1.14** *COMPARATIVE ANALYSIS OF WILD AND CULTIVATED ROSEHIPS FOR USE IN DAIRY PRODUCTS*  
**MIHAELA G. IVANOVA, IRA D. TANEVA, MARIA Z. ZHEKOVA-KALAYDZHIEVA, MATTHIAS SCHREINER, ANTON M. SLAVOV, YULIAN D. TUMBARSKI**
- P.1.15** *LEGUMES - POTENTIAL SOURCE OF ANIMAL ORIGIN RAW MATERIALS REPLACEMENT*  
**VIORICA BULGARU, MIHAIL MAZUR, İLKAY ŞENSOY, VALENTIN CELAC, LILIANA POPESCU, RODICA STURZA, ALIONA GHENDO-MOŞANU**
- P.1.16** *BEHAVIOUR OF SOLUTIONS OF WHEY PROTEIN CONCENTRATES UPON HEAT TREATMENT*  
**LAMBROS SAKKAS, POLYXENI BALKIZA, EKATERINI MOSCHOPOULOU AND GOLFO MOATSOU**
- P.1.17** *PROPERTIES OF PLAIN DRINKING YOGHURT MADE WITH ACID WHEY FROM GREEK YOGHURT*  
**EVANGELIA ZOIDOU, MARIANNA KARELA, LAMBROS SAKKAS, MARIA IFANTI, BASILIS DOUFEXIS, LEA YOUSSEF, GOLFO MOATSOU, VASILIKI EVAGELIOU, EKATERINI MOSCHOPOULOU**
- P.1.18** *COMPARATIVE ASSESSMENT OF BIOACTIVE COMPOUNDS IN DRIED CHERRY TOMATOES UNDER DIFFERENT CONDITIONS*  
**LILIANA CECLU, LUIZA A. TANASE (BUTNARIU), OANA-VIORELA NISTOR**
- P.1.19** *SURVEY ON LIFESTYLE AND EATING BEHAVIOR OF ADULTS*  
**C. HODOROGEA (HUHULEA), A. HUHULEA, D.I. MORARU**
- P.1.20** *CHASING LONGEVITY THROUGH DIET COMBINED WITH PHYSICAL ACTIVITY – A CASE STUDY*  
**C. HODOROGEA (HUHULEA), A. HUHULEA, D.I. MORARU**
- P.1.21** *SUSTAINABLE MEASUREMENT OF COLOR DURING STORAGE OF ICE CREAM WITH SPIRULINA PLATENSIS*  
**PETYA B. BOYANOVA, ATANASKA D. BOSAKOVA-ARDENSKA, ANGEL M. DANEV, MAGDALINA KUTRYANSKA, VALENTINA TSV. DOBREVA**
- P.1.22** *EFFECT OF PRETREATMENT AND FREEZING PROCESSING ON SEVERAL VEGETABLES' QUALITY INDICATORS*  
**MIHAELA C. DRAGHICI, MIHAELA GEICU-CRISTEA, ELISABETA E. POPA\*, AMALIA C. MITELUT, PAUL A. POPESCU, MONA E. POPA**

- P.1.23** *IMPACT OF HYDROGEL APPLICATION FOR WATER STRESS MANAGEMENT ON BIOCHEMICAL PARAMETERS OF LACTUCA SATIVA*  
**ION NIȚU, ELISABETA ELENA POPA, AMALIA CARMEN MITELUT**
- P.1.24** *THE OPPORTUNITIES OF THE USE OF CORN FLOUR FOR THE PREPARATION OF BREAD*  
**IURIE RUMEUS**
- P.1.25** *INFLUENCE OF BRINE COMPOSITION ON THE QUALITY CHARACTERISTICS OF PICKLED GREEN APPLES (MALUS DOMESTICA)*  
**DANIELA CONSTANDACHE, DOINA-GEORGETA ANDRONOIU, GABRIEL-DĂNUȚ MOCANU, OANA-VIORELA NISTOR, ELISABETA BOTEZ**
- P.1.26** *A STUDY OF POST-HARVEST PROCESSING OF COMMON BEAN – A REVIEW*  
**VALENTINA STOIAN, ELISABETA ELENA POPA, AMALIA CARMEN MITELUȚ**
- P.1.27** *MILLET: A STRATEGIC SOURCE TO DEVELOP NUTRI-CEREAL BASED PRODUCTS FOR MODERN CONSUMERS*  
**MARIANA LILIANA PĂCALĂ, LIDIA FAVIER, LUCICA BRUDIU**
- P.1.28** *CONVECTIVE AND INFRARED DRYING OF APPLE CHIPS INFUSED IN HIBISCUS EXTRACT TO INCREASE THE PHYTOCHEMICAL CONTENT OF APPLE CHIPS SNACK*  
**LAVINIA STAN (BOLDEA), DĂNUȚ-GABRIEL MOCANU, GABRIELA RÂPEANU, NICOLETA STĂNCIUC**
- P.1.29** *DEVELOPMENT AND CHARACTERIZATION OF YEAST PROTEIN FILMS*  
**IULIA BLEOANCA, RACHID NIGROU, ANDREEA LANCIU DOROFTE, LOREDANA DUMITRAȘCU, IULIANA APRODU, DANIELA BORDA, FELICIA STAN, CATALIN FETECAU**

### **FOOD SAFETY CHALLENGES IN THE NEAR FUTURE**

- P.2.1** *THE INFLUENCE OF SEA BUCKTHORN PUREE ON THE OXIDATION PROCESS OF LIPIDS IN MAYONNAISE*  
**IRINA DIANU, ARTUR MACARI, ALEXEI BAERLE, NATALIA NETREBA, OLGA BOEȘTEAN, IULIANA SANDU, TATIANA CUȘMENCO**
- P.2.2** *EFFECT OF PECTIN EXTRACTED FROM APPLE POMACE ON THE QUALITY AND BIOLOGICAL VALUE OF FRUIT BARS*  
**TATIANA CEȘKO, ANGELA GUREV, VERONICA DRAGANCEA, ALIONA GHENDOV-MOSANU, RODICA STURZA**
- P.2.3** *MATHEMATICAL ANALYSIS OF DEEP FRYING OF FRENCH FRIES*  
**BUSRA BAYKAN, TUNCAY YILMAZ**
- P.2.4.** *SPECIATION OF ARSENIC NEUTRALISED FROM FOOD BY PLEUROTUS OSTREATUS*  
**MARTA D. KOWALSKA, AGNIESZKA ZAPAŚNIK, ŁUKASZ WOŹNIAK,**
- P.2.5** *AS A CEREAL SUBSTITUTE AMARANT SEED (AMARANT SPP.) AND ITS EFFECT ON THE PHYSICO-CHEMICAL AND TEXTURAL PROPERTIES OF BREAD*  
**SUDE ATILLA, MELISA ÖZÇELİK, EMINE ERDAĞ AKCA, TUNCAY YILMAZ**

**P.2.6** *INCREASING THE GROWTH RATE AND PERFORMANCE OF RAINBOW TROUT BY REPLACING MEALWORM IN THEIR DIET*

**LALEH YAZDANPANAHO GHARRIZI**

**P.2.7** *COMPOSITE PACKAGING FILMS BASED ON WHEY PROTEINS FUNCTIONALIZED WITH THYME ESSENTIAL OIL AND POLYLACTIC ACID*

**ANDREEA (LANCIU) DOROFTE, IULIA BLEOANĂ, FLORENTINA BUCUR, FELICIA STAN, CĂTĂLIN FETECĂU, GABRIEL MUSTĂŢEA, DANIELA BORDA**

**P.2.8** *BIOACTIVE COMPOUNDS' PROFILE AND ANTIBACTERIAL ACTIVITY COMPARISON BETWEEN NEEDLE LEAVES OF JUNIPERUS COMMUNIS AND JUNIPERUS OXYCEDRUS*

**ILIR MËRTIRI, BOGDAN PĂCULARU-BURADA, NICOLETA STĂNCIUC**

**P.2.9** *EXPERIMENTAL RESEARCH ON ACTIVE PACKAGING APPLICATION ON FRESH CHICKEN MEAT*

**ELISABETA E. POPA, MIHAELA GEICU-CRISTEA, AMALIA C. MITELUŢ, MARIA RÂPĂ, MIHAELA C. DRĂGHICI, PAUL A. POPESCU, MONA E. POPA**

**P.2.10** *NEW INSIGHTS IN CONSUMERS PERCEPTIONS ON ALTERNATIVE PROTEIN SOURCES*

**MIHAELA GEICU-CRISTEA, ELISABETA E. POPA, PAULA G. MANEA, MIHAELA C. DRĂGHICI, AMALIA C. MITELUŢ, PAUL A. POPESCU, MONA E. POPA**

**P.2.11** *RETIRE/RECALL REQUIREMENT IN FOOD SAFETY MANAGEMENT SYSTEM OPERATION: CASE STUDY FOR BAKERY YEAST*

**MARIANA LILIANA PĂCALĂ, LIDIA FAVIER, LUCICA BRUDIU**

**P.2.12** *VALORIZATION OF BLUEBERRY POMACE AS FUNCTIONAL INGREDIENT AT YOGHURT MANUFACTURING*

**GLUGĂ, ŞTEFANIA, VÎNĂ, C MIHAELA, IORDACHE, F GEORGIANA, NISTOR, O VIORELA, MOCANU, G DĂNUŢ, TĂNASE (BUTNARIU) LUIZA, ANDRONOIU D GEORGETA**

**P.2.13** *FUNCTIONALIZED ZEIN EDIBLE COATING FOR HAZELNUTS SHELF-LIFE EXTENSION*

**ANDREEA LANCIU DOROFTE, FATIMA ELHIBA, IULIA BLEOANCA, DANIELA BORDA**

**P.2.14** *PROTEOMICS APPROACH ON LISTERIA MONOCYTOGENES EGDE ΔLMO2229 STRAIN AFTER SALT STRESS CONDITIONS EXPOSURE*

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