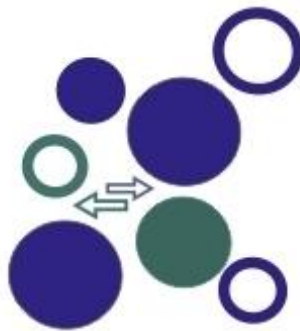


Faculty of Food Science and Engineering

Dunarea de Jos University of Galati

THE 6TH INTERNATIONAL SYMPOSIUM



October, 3-5, 2013
Galati, Romania



Galati, Romania 3 - 5 October, 2013

6th International *EuroAliment* Symposium

Conference Programme

Galati, 3-5 October 2013

Organized by:

Faculty of Food Science and Engineering
"Dunarea de Jos" University of Galati

Romanian Association of Food Industry Professionals (ASIAR)

The General Association of the Engineers in Romania (AGIR)

Association of Specialists in Applied Biotechnology (ASBA)

ISEKI - Food Association

Supported by:

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S.C. HOFIGAL EXPORT - IMPORT S.A.



S.C. PRIMO MIX FOOD SRL



VITIS METAMORFOSIS



ALCOVIN

DANUBE RESEARCH CONSULTING SRL, Bucharest

CONCETASILVA SRL, Bucharest

S.C. PISCICOLA SRL Iasi

Organising Committee

Petru ALEXE
Iuliana BANU
Octavian BARNA
Oana Emilia CONSTANTIN
Victor CRISTEA
Lorena DEDIU
Felicia DIMA
Loredana DUMITRASCU
Leontina GURGU
George Adrian IFRIM
Daniela ISTRATI
Gabriela IORDACHESCU
Gabriela RAPEANU
Camelia VIZIREANU

International Scientific committee

Petru ALEXE, Dunarea de Jos University of Galati
Iuliana APRODU, Dunarea de Jos University of Galati
Gabriela BAHIM, Dunarea de Jos University of Galati
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Benone PASARIN, "Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine of Iasi
Natasa POKLAR ULRIH, University of Ljubljana
Nicoleta STANCIUC, Dunarea de Jos University of Galati
Rodica STURZA, Technical University of Moldavia
Radu SUCIU, Danube Delta National Institute for Research and Development
Dana TUTUNARU, Dunarea de Jos University of Galati
Lidia VASILIEVA, "BIOS" Research and Production Center for Sturgeon Breeding
György VEGVARI, Corvinus University of Budapest
Elena ZUBCOVA, Institute of Zoology of the Moldavian Academy of Sciences

EuroAliment 2013

General Programme

Thursday, 3.10.2013		
18:00 – 20:00	Registration	F Building
Friday, 4.10.2013		
08:00 – 09:00	Registration	Aula Magna AE
09:30 – 10.00	Symposium opening Organisers' welcome	
10:00 – 13:00	Plenary session	Aula Magna AE
11:00 – 11:30	Coffee break	
11:30 – 13:00	Plenary session	Aula Magna AE
13:00 –14:00	Lunch	Cafeteria Notre Dame
14:00 – 15:00	Section <i>Food Processing and Quality</i>	
15:00 – 15:30	Section <i>Innovation in Food Industry</i>	Section <i>Aquaculture and Environment</i>
15:30 – 16:00	Section <i>Applied Food Biotechnology</i>	Section <i>Nutrition and Health</i>
16:00-17:30	Section <i>Advanced Methods for Food Analysis</i>	Section <i>Miscellaneous</i>
17:15- 17:30	Coffee break	
17:30 – 18:00	Poster Session	Hall of D Building
19:30	Festive dinner	Blue Aqua Restaurant
Saturday, 5.10.2013		
10:30 – 12:00	Visit of the Faculty Pilot Stations	F, E, Q Buildings
12:00 – 12:30	Closing ceremony	
12:30 – 13:30	Lunch	

Thursday, 3.10.2013

Hall of F Building

Dunarea de Jos University of Galati, Romania

18:00–20:00 **Registration**

Friday, 4.10.2013

Hall of AE Building/Aula Magna

Dunarea de Jos University of Galati, Romania

08:00–09:00 **Registration**

OPENING SESSION

Organisers' welcome

09:00–09:30 **Assoc. Prof. Gabriela IORDACHESCU**, *Food Science and Engineering Faculty, Dunarea de Jos University of Galati, Romania*

Prof. Anca NICOLAU, PhD Eng., *Vice Rector of Dunarea de Jos University of Galati, Romania*

Diana POPA, *Ministry of Agriculture and Rural Development, General Division of Food Industry*

Prof. Petru ALEXE, PhD Eng., *Dean of Food Science and Engineering Faculty, Dunarea de Jos University of Galati, Romania*

Aula Magna

Dunarea de Jos University of Galati, Romania

PLENARY SESSION

10:00–10:15 **Prof. Nastasia BELC** - *The National R&D Institute for Food Bioresources – IBA, Bucharest/Romania*

European Initiatives and Priorities in Research

10:15–10:30 **Prof. Veronika ABRAM** - *University of Ljubljana, Biotechnical Faculty, Ljubljana/Slovenia*

Phenolic Compounds in Food

10:30–10:45 **Prof. Natasa POKLAR ULRIH** - *University of Ljubljana, Biotechnical Faculty, Ljubljana/Slovenia*

Interactions of Phenolic Compounds with the Model Lipid Membranes

10:45–11:00 **Prof. Thomas LANGERHOLC** - *University of Maribor, Maribor/Slovenia*

Toxicological Assessment of Bioavailability – The Role of Processing and Food Matrix

11:00–11:30 Coffee Break

11:30–11:45 **Dr. Zuzana CIESAROVA** - *VUP Food Research Institute, Department for Analysis of Food Additives and Contaminants, Bratislava/Slovakia*

On-Going Effort on Acrylamide Elimination in Biscuits

- 11:45–12:00 **Prof. Kirsi JOUPPILA** - University of Helsinki, Department of Food and Environmental Sciences, Helsinki/Finland
Physical Properties of Extruded Snack Products with Improved Nutritional Properties
- 12:00–12:15 **Prof. Deliang WANG** - China National Research Institute of Food and Fermentation Industries, Beijing/China
New Challenges in China Brewery Industry
- 12:15–12:30 **Prof. Rodica STURZA** - Technical University of Moldavia, Chisinau/Republic of Moldova
Monitoring of the Phthalate Content Levels in Wine
- 12:30–12:45 **Cristian POPA** - KUK - Romania S.R.L., Ilfov/Romania
Food Labelling - New European Regulation
- 12:45–13:00 **Ionela NICULITA** - Enzymes & Derivates, Neamt/Romania
EDR - Offer Key Ingredients Which Meet the Needs of Food Industry Market
- 13:00–14:00 Lunch Cafeteria Notre Dame

Section 1: Food Processing and Quality

D11

Dunarea de Jos University of Galati, Romania

- 14:00–14:15 **Andrea BRUNORI** - ENEA, Roma, Italy
The Use of Tartary Buckwheat for the Production of Health-Value-Added Aliments
- 14:15–14:30 **Kristína KUKUROVÁ** - VUP Food Research Institute, Bratislava, Slovakia
The Occurrence of Acrylamide in Heat-Treated Plum Products
- 14:30–14:45 **Cristina M. POPOVICI** - Technical University of Moldova
*Influence of Heat Treatment Conditions on the Oxidation Stability of Walnut (*Juglans regia* L.) Oil*
- 14:45–15:00 **Carmen POPESCU** - Hofigal Export Import SA, Bucharest, Romania
Intrinsically Efficiency of Antimicrobial Preservations from the Domestic Vegetal Products and Their Combinations

Section 2: Innovation in Food Industry

D11

Dunarea de Jos University of Galati, Romania

- 15:00–15:15 **Andrei BOLOCAN, Tatiana MOSCU, Elena ONICIUC** - Dunarea de Jos University of Galati, Romania
Utilisation of the Revolutionary Treatment HPLT for Preservation of the Amazing Whey Based Beverage: WOWENERGY
- 15:15–15:30 **Cristian DIMA** - Dunarea de Jos University of Galati, Romania
Antioxidant and Antibacterial Properties of Capsaicine Microemulsions Used in Meat Products

Section 3 – Applied Food Biotechnology

D11

Dunarea de Jos University of Galati, Romania

- 15:30–15:45 **Aurelia SPINEI** - Technical University of Moldavia, Chisinau, Republic of Moldova
The Effect of Applying the Anthocyanin Extract Obtained from Wine Byproducts on Oral Cariogenic Biofilms
- 15:45–16:00 **Elena IONIȚĂ** - Dunarea de Jos University of Galati, Romania
*Investigations on pH Induced Structure-Function Relationships of Tyrosinase from *Agaricus bisporus**
- 16:00–16:15 **Claudia POPA (UNGUREANU)** - Dunarea de Jos University of Galati, Romania
*Testing of the New *Streptomyces* Strains for Production of Phenoloxidases*
- 16:15–16:30 **Irina SMEU, Anca I. NICOLAU** (Romania)
Enhancement of Food Safety – Antimicrobial Effectiveness of Cold Plasma Treatment

Section 4 – Advanced Methods for Food Analysis

D11

Dunarea de Jos University of Galati, Romania

- 16:30–16:45 **Constantin APETREI** - Dunarea de Jos University of Galati, Romania
Expert Sensory System with Applicability in Food Industry
- 16:45–17:00 **Andrei S. BOLOCAN** - Dunarea de Jos University of Galati, Romania
*Validation of a PCR Method for Detection of *Listeria monocytogenes* in Meat Industry*

Section 5: Aquaculture and Environment

D12

Dunarea de Jos University of Galati, Romania

- 14:00–14:15 **Daniela Cristina IBĂNESCU** - Dunarea de Jos University of Galati, Romania
The Assessment of the Ecological Status of the Mălina Aquatic Ecosystem Using the Multi - Metric Index Phytoplanktonic
- 14:15–14:30 **Mirela MOCANU CREȚU** - Dunarea de Jos University of Galati, Romania
The Influence of Different Stocking Densities on Biochemical Composition of Rainbow Trout Meat Reared in a Recirculating Aquaculture System
- 14:30–14:45 **Desimira DICU (STROE)** - Dunarea de Jos University of Galati, Romania
*Effects of Different Protein Levels on Growth Performance and Hematological Profile of a *stellatus* (Pallas, 1771) juvenile*
- 14:45–15:00 **Yassine KADMI** - Ecole Nationale Supérieure de Chimie de Rennes, France
Analysis of Emerging Nitrogenous Disinfection By-Products Formed During Water Chlorination or Chloramination
- 15:00–15:15 **Oana Georgiana DOROJAN (VARLAN)**, Victor Cristea, Angela Docan, Săndița Plăcintă, Maria Desimira Dicu (Stroe) - Dunarea de Jos University of Galati, Romania
*Growth Performance and Hematological Profile to *A. stellatus* (Pallas, 1771) Species, in Terms of Vitamin C and E in the Diet Increased in the Intensive Recirculating*

6th International EuroAliment Symposium

- 15:15–15:30 **Alina ANTACHE** - Dunarea de Jos University of Galati, Romania
The Influence of Thymus Vulgaris and Vitamin E on Hematological and Biochemical Indices at Oreochromis Niloticus Species
- 15:30–15:45 **Daniela RADU** - Fish Culture Research and Development Station Nucet
Researches on Evaluation of the Influence of the Environment and Feed Conditions on the Physiological Condition at Polyodon spathula Species Reared in a Controlled System
- 15:45–16:00 **Cecilia BUCUR** - Fish Culture Research and Development Station Nucet
Characterization of the Bio-Productive Potential of the Species Oreochromis niloticus in Eco-Technological Conditions of Romania
- 16:00–16:15 **Ștefan Mihai PETREA** - Dunarea de Jos University of Galati, Romania
A Comparison of the Nitrate Level in Spinach Grown Both under Different Densities in Aquaponic System and under Natural Growth Conditions

Section 6: Nutrition and Health

D12

Dunarea de Jos University of Galati, Romania

- 16:15–16:30 **Zita FAZAKAS** - University of Medicine and Pharmacy, Targu Mures, Romania
IgG Mediated Food Intolerance Testing in Cancer Patients
- 16:30–16:45 **Maria Dorina PAȘCA** - University of Medicine and Pharmacy, Targu Mures, Romania
Cognitive Strategies Concerning the Nutritional Profile of the Patient

Section 7 - Miscellaneous

D12

Dunarea de Jos University of Galati, Romania

- 16:45–17:00 **Maria Dorina PAȘCA** - University of Medicine and Pharmacy, Targu Mures, Romania
The Role of Fasting from Psychopedagogical Perspective
- 17:00–17:15 **Andrei PRISECARU** - Rommac Trade SRL, Romania
Factors in the Risk Assessment of Food Bioterrorism
- 17:15–17:30 *Coffee break*

Poster session

Hall of D Building

17:30 - 18:0

Saturday, 5.10.2013

- 10:30–12:00 **Visit of the Faculty Renewed Pilot Stations**
- 12:00–12:30 **Closing Ceremony**
- 12:30–13:00 **Lunch**

SECTION 1: FOOD PROCESSING AND QUALITY

Oral communication

Friday, 4.10.2013, D11

- O.1.1. **Andrea BRUNORI**, Gerardo BAVIELLO, Brigitta DEZAMICS, Katalin KERTI, Ildikó SZEDLJÁK, György VÉGVÁRI (Italy)
The Use of Tartary Buckwheat for the Production of Health - Value-Added Aliments
- O.1.2. **Kristína KUKUROVÁ**, Oana CONSTANTIN, Zuzana ADAMECHOVÁ, Zografia NYSTAZOU, Gabriela RAPEANU, Zuzana CIESAROVÁ (Slovakia/Romania/ Greece)
The Occurrence of Acrylamide in Heat-Treated Plum Products
- O.1.3. **Cristina POPOVICI**, Petru ALEXE (Republic of Moldova/Romania)
*Influence of Heat Treatment Conditions on the Oxidation Stability of Walnut (*Juglans regia* L.) Oil*
- O.1.4. **Carmen POPESCU**, Ștefan MANEA, Larisa PETCU, Constantina IONITA, Camelia ROIBU, Dumitru LUPULIASA, Monica TITA, Candice POPESCU, Bogdan POPESCU (Romania)
Intrinsically Efficiency of Antimicrobial Preservations from the Domestic Vegetal Products and Their Combinations

Posters

Friday, 4.10.2013, Hall of D Building

- P.1.1. Janna CROPOTOVA, Svetlana POPEL (Republic of Moldova)
Influence of Different Hydrocolloids on Physicochemical and Heat-Stable Properties of Fruit Fillings
- P.1.2. Grigore MUSTEAȚĂ, Natalia FURTUNA (Republic of Moldova)
Changes in Aromatic Characteristics of Wines of Local Selection Grape Varieties from Republic of Moldova during Maturation
- P.1.3. Ramona Mihaela ZAVADA, Andrea Eliza FARKAS, Ana-Maria ROȘU, Neculai Doru MIRON, Marcel Ionel POPA, Ileana Denisa NISTOR (Romania)
Influence of Microwave Drying on the Content of Photosynthetic Pigments in Spinach
- P.1.4. Ana-Maria ROȘU, Anca CIOBANU, Ramona-Mihaela ZAVADA, Neculai Doru MIRON, Ileana Denisa NISTOR (Romania)
The Effects of Glucose Solution Blanching on Potato Sticks
- P.1.5. Felicia DIMA, Camelia VIZIREANU, Gabriela IORDACHESCU, Daniela ISTRATI, Maria Cristiana GARNAI (Romania)
Comparative Sensory Analysis of Low Fat Meat Compositions
- P.1.6. Daniela ISTRATI, Camelia VIZIREANU, Gabriela IORDACHESCU, Felicia DIMA, Maria Cristiana GARNAI (Romania)
Research on Obtaining Antioxidant-Enriched Cereal Bars
- P.1.7. Sanaa CHERROUD, Ana María CIUCIU, Zantar SAID, Arakrak ABDELHAY, Amin LAGLOUI, Inmaculada FRANCO (Spain)
Dry-Cured Halal Goat Meat: Study of Fatty Acids Profile

- P.1.8. Ana CIUCIU, Noemí COBAS, Inmaculada FRANCO (Spain)
*Study of Heavy Metals Content in Swordfish (*Xiphiasgladius*)*
- P.1.9. Rodica STURZA, Ecaterina COVACI (Republic of Moldova)
Stability of Young Wines in Dependence of Applied Treatment Method
- P.1.10. Maria Cristiana GARNAI, Camelia VIZIREANU, Felicia DIMA, Daniela Ionela ISTRATI, Cornelia LUNGU (Romania)
Improving the Quality of Sensory Ketchup
- P.1.11. Carolina GROSU, Eugenia BOAGHI, Olga DESEATNICOVA, Vladislav REȘITCA, Silvia RUBTOV (Republic of Moldova)
Microbiological Analysis of Walnut Oil Cake
- P.1.12. Carolina GROSU, Eugenia BOAGHI, Olga DESEATNICOVA, Vladislav REȘITCA (Republic of Moldova)
Mineral Composition of Walnut Kernel and Walnut Oil Cake
- P.1.13. Gabriela VLĂȘCEANU, Gabriela IORDĂCHESCU, Stefan MANEA (Romania)
New Sources of Natural Additives for Dairy and Bakery Products
- P.1.14. Tang KUNTIAN, Zhang WUJIU, Wang DELIANG, Wang LIHUA, Han XINLIN (China)
Chance and Challenge of Chinese Alcoholic Drink Industry
- P.1.15. Mircea BERNIC, Valentina BANTEA, Constantin MARUSIC, Vitalii RADIONENKO, Eugeniu CIOBANU, Sergiu BALTĂ (Republic of Moldova)
Optimization of Kneading Dough for Pastry
- P.1.16. Alina BOISTEAN, Aurica CHIRSANOVA (Republic of Moldova)
Factors Affecting the Quality of Walnut Oil Cake During Storage

SECTION 2: INNOVATION IN FOOD INDUSTRY

Oral communication

Friday, 4.10.2013, D11

- O.2.1. **Cristian DIMA**, Gigi COMAN, Mihaela COTĂRLEȚ, Petru ALEXE, Ștefan DIMA (Romania)
Antioxidant and Antibacterial Properties of Capsaicine Microemulsions Used in Meat Products
- O.2.2. **Elena Alexandra ONICIUC, Tatiana MOSCU, Andrei Sorin BOLOCAN**, Ionut UDREA, Maricica STOICA, Iulia BLEOANCA, Daniela BORDA (Romania)
Utilisation of the Revolutionary Treatment HPLT for Preservation of the Amazing Whey Based Beverage: WOWENERGY

Posters

Friday, 4.10.2013, Hall of D Building

- P.2.1. Nicoleta MAFTEI ARON, Ana RAMOS-VILLARROEL (Romania/Spain)
Chemical Constituents and Sensory Acceptability of Ready to Serve Soymilk-Sea Buckthorn Beverage

- P.2.2. Angelica PATRASCU (Romania)
Water Source
- P.2.3. Ana RAMOS-VILLARROEL , Nicoleta MAFTEI ARON, Olga MARTÍN-BELLOSO, Robert SOLIVA-FORTUNY (Spain/Romania)
Spectral Distribution of Intense Light Pulses on Bacterial Inactivation of Freshly – Cut Mushrooms
- P.2.4. Alina DOBRE, Petru NICULIȚĂ (Romania)
Shelf Life Extension of White Bread by Active Packaging with Natural Antimicrobial Agents
- P.2.5. Olga DESEATNICOV, Corina CIOBANU, Natalia MOTRUC (Republic of Moldova)
In Vivo Researches Concerning Iron Bioavailability in Bread
- P.2.6. Andrea-Eliza FARKAS, Ramona Mihaela ZAVADA, Ana-Maria ROȘU, Doru Neculai MIRON, Dan SCUTARU, Ileana Denisa NISTOR (Romania)
Influence of Polysaccharides on Some Physico-Chemical Parameters of Yogurt
- P.2.7. Corina NEAGU, Daniela BORDA, Iulia BLEOANCĂ (Romania)
Edible Whey Protein Films Functionalized with Thyme Extract
- P.2.8. Liliana GÎTIN, Maricica STOICA, Cristian DIMA, Alexe PETRU (Romania)
Supercritical Carbon Dioxide Extraction of Sulphur Compounds from Allium Spp. Plants
- P.2.9. Dana MORARU, Iulia BLEOANCA, Georget Tudor, Daniela BORDA (Romania)
The Kinetics of Lipoxygenases Inactivation in Pumpkin (Cucurbita moschata) Crude Extract

SECTION 3: APPLIED FOOD BIOTECHNOLOGY

Oral communication

Friday, 4.10.2013, D11

- O.3.1. **Aurelia SPINEI**, Rodica STURZA, Aliona MO ANU (Republic of Moldova)
The Effect of Applying the Anthocyanin Extract Obtained from Wine Byproducts on Oral Cariogenic Biofilms
- O.3.2. **Elena IONIȚĂ**, Nicoleta STANCIUC, Gabriela RÂPEANU, Gabriela BAHRIM (Romania)
Investigations on pH Induced Structure-Function Relationships of Tyrosinase from Agaricus bisporus
- O.3.3. **Claudia POPA (UNGUREANU)**, Lidia FAVIER, Gabriela BAHRIM (Romania/France)
Testing of the New Streptomyces Strains for Production of Phenoloxidases
- O.3.4. **Irina SMEU**, Anca I. NICOLAU (Romania)
Enhancement of Food Safety – Antimicrobial Effectiveness of Cold Plasma Treatment

Posters

Friday, 4.10.2013, Hall of D Building

- P.3.1. Aliona A. GHENDOV-MOSANU, Andrei V. STURZA, Olga T. BOESTEAN, Galina Ch. DICUSAR (Republic of Moldova)
Kinetics of Extraction of Water Soluble Substances of the Wine-Making Wastes

- P.3.2. Aliona A. GHENDOV-MO ANU, Olga I. DESEATNICOV, Andrei V. STURZA (Republic of Moldova)
Extraction of Tannins from the Grape Seeds Pre-Treated in Pulsed Electric Power
- P.3.3. Vasilica Alisa ARUȘ, Gheorghîța JINESCU, Ileana Denisa NISTOR, Nicoleta VARTOLOMEI, Alina Mihaela MOROI (Romania)
Study Regarding the Kinetics of Lactic Fermentation Process in Presence of Anionic Clays
- P.3.4. Nicoleta (PIRCU) VARTOLOMEI, Vasilica Alisa ARUȘ, Iuliana Mihaela LAZĂR, Maria TURTOI (Romania)
Rosehip Powder Effect on Dough Rheology and Bread Quality: A Study from Macroscopic to Molecular Level
- P.3.5. Alina G. PROFIR, Camelia VIZIREANU (Romania)
Evolution of Antioxidant Capacity of Blend Juice Made from Beetroot, Carrot and Celery During Refrigerated Storage
- P.3.6. Gheorghe ZGHEREA, Cristina STOIAN, Sandu PERETZ (Romania)
Study of the Acid Hydrolysis of Cellobiose
- P.3.7. Constanța SPĂLĂȚELU, Gabriela BAHIRM, Nicoleta STĂNCIUC, Gabriela RĂPEANU (Romania)
Production of Pleurotus ostreatus Mycelium by Using Cheese Whey as an Alternative Nitrogen Source
- P.3.8. Georgiana PAFENE, Ioana Otilia GHINEA, Rodica DINICA, Bianca FURDUI, Gabriela BAHIRM, Simon BONTE, Martine DEMEUNYNCK (Romania)
Using Small Molecules to Target Spoilage Microorganisms from Food Industry

SECTION 4: ADVANCED METHODS FOR FOOD ANALYSIS

Oral communication

Friday, 4.10.2013, D11

- O.4.1. **Constantin APETREI** (Romania)
Expert Sensory System with Applicability in Food Industry
- O.4.2. **Andrei BOLOCAN**, Elena ONICIUC, Vasilica BARBU, Anca NICOLAU (Romania)
Validation of a PCR Method for Detection of Listeria monocytogenes in Meat Industry

Posters

Friday, 4.10.2013, Hall of D Building

- P.4.1. Irina Mirela APETREI, Dana TUTUNARU, Claudia Veronica POPA (UNGUREANU), Constantin APETREI (Romania)
Biogenic Array for the Determination of Biogenic Amines in Food Samples
- P.4.2. Rodica STURZA, Olga LAZACOVICI (Republic of Moldova)
Analysis of Some Indexes Used for the Estimating of Wine Origin

- P.4.3. Cezar BICHESCU, Gabriela BAHIM, Nicoleta STĂNCIUC, Constanta SPĂLĂTELU, Gabriela RĂPEANU (Romania)
Assessment of Polyphenolic Compounds During Maturation of Fetească Neagră Grapes from Murfatlar Vineyard
- P.4.4. Giorgiana Valentina BLAGA, Veronica Steluta MINCIOR, Luminita Anca GEORGESCU (Romania)
HPLC Characterization of Some Types of Honey

SECTION 5: AQUACULTURE AND ENVIRONMENT

Oral communication

Friday, 4.10.2013, D12

- O.5.1. **Daniela Cristina IBĂNESCU**, Adina POPESCU (Romania)
The Assessment of the Ecological Status of the Mălina Aquatic Ecosystem Using the Multi - Metric Index Phytoplanktonic
- O.5.2. **Mirela MOCANU CRETU**, Victor CRISTEA, Lorena DEDIU, Stefan MIHAI PETREA (Romania)
The Influence of Different Stocking Densities on Biochemical Composition of Rainbow Trout Meat Reared in a Recirculating Aquaculture System
- O.5.3. **Desimira DICU (STROE)**, Victor CRISTEA, Lorena DEDIU, Angelica DOCAN, Rodica GRECU (Romania)
*Effects of Different Protein Levels on Growth Performance and Hematological Profile of *A. stellatus* (Pallas, 1771) juvenile*
- O.5.4. **Yassine KADMI**, Lidia FAVIER, Lotfi MOUNI, Mariana-Liliana PACALA, Nouredine NASRALLAH, Dominique WOLBERT (France)
Analysis of Emerging Nitrogenous Disinfection by-Products Formed During Water Chlorination or Chloramination
- O.5.5. **Oana Georgiana DOROJAN (VARLAN)**, Victor Cristea, Angela Docan, Săndița Plăcintă, Maria Desimira Dicu (Stroe) (Romania)
*Growth Performance and Hematological Profile to *A. stellatus* (Pallas, 1771) Species, in Terms of Vitamin C and E in the Diet Increased in the Intensive Recirculating*
- O.5.6. **Alina ANTACHE**, Victor CRISTEA, Angelica DOCAN, Iulia Rodica GRECU, Mirela (CRETU) MOCANU (Romania)
*The Influence of *Thymus Vulgaris* and Vitamin E on Hematological and Biochemical Indices at *Oreochromis Niloticus* Species*
- O.5.7. Cecilia BUCUR, Mioara COSTACHE, **Daniela RADU**, Silvia VLADOIU (Romania)
*Researches on Evaluation of the Influence of the Environment and Feed Conditions on the Physiological Condition at *Polyodon spathula* Species Reared in A Controlled System*
- O.5.8. Mioara COSTACHE, **Cecilia BUCUR**, Daniela RADU, Mihail COSTACHE (Romania)
*Characterization of the Bio-Productive Potential of the Species *Oreochromis Niloticus* in Eco-Technological Conditions of Romania*

- O.5.9. **Ștefan Mihai PETREA**, Victor CRISTEA, Lorena DEDIU, Maria CONTOMAN, Paul LUPOAE, Sandita (ION) PLACINTA, Marian Tiberiu COADA, Mugurel ENACHE (Romania)

A Comparison of the Nitrate Level in Spinach Grown Both under Different Densities in Aquaponic System and under Natural Growth Conditions

Posters

Friday, 4.10.2013, Hall of D Building

- P.5.1. Teodor SANDU, Ana M. FLOREA, Andrei SÂRBU, Anita L. CIRIPOIU, Steluța APOSTOL (Romania)
Study of the Influence of Monomer Content on the Porosity of Polymer Bicomponent Membranes
- P.5.2. Maria CONTOMAN, Maria MURARIU, Alina SIMIONICA (Romania)
The Diagnosis and Ecological Interpretation of the Main Types of Soil in the Oancea Vineyard Ecosystem
- P.5.3. Maria CONTOMAN, Maria MURARIU, Alina SIMIONICA (Romania)
Ecological Restoration Through Forestation of Degraded Lands in the County of Galati
- P.5.4. Elena STOICA (Romania)
Comparative Analysis of the Microbiological Quality of the Black Sea Shellfish Growing Waters and Meat by Conventional Multiple Tube Fermentation and Chromogenic MPN Methods
- P.5.5. Elena I. ZUBCOV, Natalia N. ZUBCOV, Lucia I. BILETCHI, Nina I. BAGRIN (Republic of Moldova)
The Use of Trace Elements in Fisheries
- P.5.6. Adina POPESCU, Maria FETECAU, Daniela IBANESCU (Romania)
Preliminary Aspects of Biodiversity the Salt Lake, Braila County
- P.5.7. Yassine KADMI, Lidia FAVIER, Nouredine NASRALLAH, Lotfi MOUNI, Dominique WOLBERT (France)
Detection of Phenolic Compounds in Water at Low Nanogram per Liter Levels Using Liquid Chromatography
- P.5.8. Angelica DOCAN, Lorena DEDIU, Iulia GRECU, Victor CRISTEA (Romania)
*Haematological and Biochemical Profiles for Females and Males of the *Acipenser Stellatus* from the Aquaculture and Danube River*
- P.5.9. Sandita PLACINTA, Victor CRISTEA, Marian Tiberiu COADA, Ștefan Mihai PETREA, Mirela (Cretu) MOCANU, Elena BOCIIOC (Romania)
*The Influence of Light on Growth Performance of Juvenile Catfish (*Silurus glanis*, L. 1758) Reared in a Recirculating Aquaculture System*
- P.5.10. Marian Tiberiu COADA, Neculai PATRICHE, Victor CRISTEA, Elena BOCIIOC, Sandita PLACINTA, Mugurel ENACHE, Ștefan Mihai PETREA (Romania)
*The Evaluation of Catch-Up Growth Potential at Juvenile Paddlefish *Polyodon spathula* (Walbaum, 1792) Reared in a Recirculating Aquaculture System*
- P.5.11. Wang RUIMEI, Zhang XIAOSHUAN, Cai WENGUI, Wu JINHUAN, Fu ZETIAN (China)
Evaluation of the Aquaculture Pond Water Quality Based on Fuzzy Mathematics Model

- P.5.12. Weiwei ZHANG, Feng LIU, Lingxin CHEN, Yanju HAO (China)
Biotransformation of Pollutants by Bacteria and Their Potential Application in Bioremediation
- P.5.13. Yanju HAO, Feng LIU, Lorena DEDIU, Chune LIU, Yuan JI (China/Romania)
Analysis of Inorganic Pollutants in the Waters of Factorial Turbot Culture
- P.5.14. Ion VASILEAN, Maria FETECANU, Ina VASILEAN (Romania)
The Distribution of Aquatic Macrophytes on the Danube, Calarasi - Braila (Km 375 - Km 175)
- P.5.15. Lidia FAVIER, Iulia MOCANU, Lacramioara RUSU, Andrei Ionut SIMION, Cristina GRIGORAS, Yassine KADMI, Abdelkrim BOUZAZA (France/Romania)
Photocatalytic Oxidation of Pharmaceuticals in Aqueous Solution: A Case Study with Carbamazepine

SECTION 6: NUTRITION AND HEALTH

Oral communication

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- O.6.1. **Fazakas ZITA**, Annamaria FARR, Monica TARCEA (Romania)
IgG Mediated Food Intolerance Testing in Cancer Patients
- O.6.3. **Maria Dorina PAȘCA** (Romania)
Cognitive Strategies Concerning the Nutritional Profile of the Patient

Posters

Friday, 4.10.2013, Hall of D Building

- P.6.1. Dorulet RESMERITA, Romulus Marian BURLUC, Nicolae GERU, Monica PASARGIU (Romania)
Impact of Resistant Starch on the Physical and Nutritional Characteristics of Bread
- P.6.2. Zita FAZAKAS, Eniko NEMES-NAGY, Eliza DAVID, Cosmina Uzun, Victor SAMARGHITAN (Romania)
The Use of Dietary Supplements by Patients with Cancer
- P.6.3. Eugenia PRICOP, Camelia VIZIREANU, Romulus Marian BURLUC, Mihaela GAVRIL (Romania)
Influence of the Pseudocereals on the Physicochemical and Sensorial Properties of Functional Biscuits
- P.6.4. Eugenia PRICOP, Romulus Marian BURLUC, Cornelia LUNGU, Alina BOURCEANU (Romania)
Improvement of Nutritional and Functional Properties of Biscuits with the Incorporation of Quince Powder (Cydonia oblonga)
- P.6.5. Maria CIOROI, Dana TUTUNARU, Costinela GEORGESCU, Bianca FURDUI (Romania)
Vitamin B6 in Food and Physiological Importance
- P.6.6. Maria CIOROI, Costinela GEORGESCU, Dana TUTUNARU (Romania)
Menadione an Antihemorrhagic Vitamin in Feedingstuffs

- P.6.7. Cristian TUDOSE, Petru ALEXE (Romania)
Organoleptic and Technological Characteristics of Meat Products with Vegetable Oils
Dana MORARU, Iulia BLEOANCA, Lavinia LUPA, Daniela BORDA (Romania)
- P.6.8. *Reducing of Nitrite/Nitrate Content and Minerals Bioavailability in Fermented Pumpkin Juice*
Bioavailability in Fermented Pumpkin Juice
Ina VASILEAN (Romania)
- P.6.9. *Food Availability for Human Consumption in Romania*

SECTION 7: MISCELLANEOUS

Oral communication

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- O.7.1. **Maria Dorina PAȘCA** (Romania)
The Role of Fasting from Psychopedagogical Perspective
- O.7.2. **Andrei PRISECARU**, Corneliu BERCARU (Romania)
Factors in the Risk Assessment of Food Bioterrorism

Posters

Friday, 4.10.2013, Hall of D Building

- P.7.1. Oana-Irina PATRICIU, Irina-Loredana IFRIM, Raluca-Ioana TÂMPU, Lucian GAVRILĂ, Adriana-Luminița FÎNARU (Romania)
Eco-Friendly Corrosion Inhibitors in Aqueous Medium for Food Industry Applications
- P.7.2. Maricica STOICA, Alexe PETRU (Romania)
SWOT Analysis Applied in Food Marketing Studies. A Short Review
- P.7.3. Vasile CARTOFEANU, Aurel GUȚU, Vasile CHIABURU (Republic of Moldova)
Heat Pumps – Effective Tool to Reduce Emissions of Greenhouse Gases in the Food Industry
- P.7.4. Andrei LUPASCO, Mircea BERNIC, Leonid IVANOV, Eugeniu CIOBANU, Alexei BULYANDRA (Republic of Moldova)
Mathematical Modeling of I-X Diagram for CO₂ Drying Mediums