

SCIENTIFIC COMMITTEE

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Prof. PhD. Gheorghe ZGHEREA, *„Dunărea de Jos” University of Galați*

ORGANISING COMMITTEE

President:

Prof. PhD. eng. Sonia GUTT

Dean of Faculty of Food Engineeri,

„Ștefan cel Mare” University of Suceava, Romania

Secretariate:

Associate prof., PhD. Cristina HREȚCANU

Associate prof., PhD. eng. Gabriela CONSTANTINESCU (POP)

GENERAL INFORMATION

Friday, 19th November 2010

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|-------------------------------------|--------------------------|
| 9 ³⁰ – 10 ⁰⁰ | Registration |
| 10 ³⁰ – 10 ⁴⁰ | Official opening |
| 10 ⁴⁰ – 11 ¹⁵ | Plenary session |
| 11 ⁰⁰ – 12 ³⁰ | Presentation on sections |
| 12 ³⁰ – 12 ⁵⁰ | Coffee-break |
| 12 ⁵⁰ – 14 ⁰⁰ | Presentation on sections |
| 14 ⁰⁰ – 15 ³⁰ | Lunch |
| 15 ³⁰ – 16 ³⁰ | Presentation on sections |
| 16 ³⁰ – 16 ⁵⁰ | Coffee-break |
| 16 ⁵⁰ – 18 ⁰⁰ | Presentation on sections |
| 18 ⁰⁰ – 19 ⁰⁰ | Poster session |
| 19 ³⁰ | Festive dinner |

Saturday, 20th November 2010

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|-------------------------------------|-------------------------------------|
| 9 ⁰⁰ - 13 ³⁰ | Monastery tour (Moldovița, Voroneț) |
| 13 ³⁰ - 15 ⁰⁰ | Lunch at Popas Bucovina Restaurant |
| 15 ⁰⁰ - 17 ⁰⁰ | Monastery tour (Sucevița, Putna) |
| 17 ⁰⁰ - 22 ⁰⁰ | Rustic dinner |

**THE PROGRAM OF INTERNATIONAL SYMPOSIUM
„BIOTECHNOLOGIES-PRESENT AND PERSPECTIVES”
19-20th of November 2010, SUCEAVA**

Friday, 19th November 2010

**9⁰⁰ – 10⁰⁰ Registration,
10³⁰ – 10⁴⁰ Official opening,
10⁴⁰ – 11³⁰ Plenary session**

PLENARY SESSION

**1. LIGNOCELLULOSIS: CONVENIENT SORBENTS FOR WASTE
WATER TREATMENT FROM PHENOL AND FURFURAL,**

Gagik H.TOROSYAN¹, Ghazi AIDAN², Dezi N.HOVHANNISYAN,
*¹State Engineering University of Armenia, department of chemical technology
& environmental engineering, Yerevan, Armenia, Yerevan State University of
Architecture & Construction, Yerevan, Armenia & European Regional
Educational Academy, Yerevan, Armenia ² Institute of Geological Sciences of
Academy of Sciences of Armenia, Yerevan*

**2. EXPLORE OPTIONS TO EXTEND THE BERRIES BY STORE
PACKAGING IN MODIFIED ATMOSPHERE,**

Stefan STEFANOV, Nadia ARABADJIEVA, Angela CHRISTOVA,
Yordanka STEFANOVA, Chavdar SAZDOV: *University of Food
Technologies, Plovdiv, Bulgaria*

**3. LEACHING OF ANTIMONY FROM BEVERAGE PET
BOTTLES,**

Jürgen SCHRAM¹, Jan KNOOP, Uwe OPPERMANN, *¹Instrumental &
Environmental Analytics, Department of Chemistry, Niederrhein University of
Applied Sciences, Frankenring 20, 47798 Krefeld, Germany*

**11³⁰ – 11⁴⁵ Cofee-break
11⁴⁵ – 12³⁰ Presentation on sections**

SECTION 1.

ECOLOGY AND ENVIRONMENTAL SAFETY

CHAIR:

Prof. Ph.D, Igor Winkler, Yuriy Fedkovych Chernivtsi National University, Ukraine

Prof. Ph.D. Gheorghe Zgherea, Ph.D, “Dunărea de Jos” University of Galați

1. ELECTROCHEMICAL MODIFICATION OF GRAPHITE SURFACE,

Yarema TEVTUL, T. FILIPCHUK, Sonia GUTT, Silviu STROE¹ *Yuriy Fedkovych National University of Chernivtsi Ukraine,* ²*Ștefan cel Mare University of Suceava, Romania*

2. ATOM-ABSORPTION DETERMINATION OF MICROELEMENT COMPOSITION OF THE HUMAN HAIR FROM DIFFERENT AREAS OF CHERNIVTSI REGION,

I. KOBASA*, V. BILOGOLOVKA, A. WOLOSCHUK, *Yuriy Fedkovych National University of Chernivtsi, Ukraine*

3. MIXTURES WITH GRADIENT OF MOBILE PHASES UTILIZED IN HPLC SEPARATIONS OF 2,4-DINITROPHENYLHIDRAZONES PROVIDED BY INFERIOR CARBONYL COMPOUNDS

Gheorghe ZGHEREA, Cristina STOIAN, ²Sandu PERETZ ¹, *University “Dunarea de Jos” of Galati, Department of Chemistry, Galati, Romania,* ² *Institute of Physical Chemistry “I. G. Murgulescu”, Department of Colloids, Bucharest, Romania.*

4. SUBLETHAL EFFECTS OF NICKEL TO RAINBOW TROUT *CORHYNCHUS MYKISS* BIOLOGICAL PARAMETERS, Nijole KAZLAUSKIENĖ E. TAUJANSKIS, R. KARPOVIČ, *Institution: Institute of Ecology of Nature Research Center, Vilnius, Lithuania*

SECTION 2.

FOOD PRODUCTS QUALITY AND SAFETY

CHAIR:

Prof. Ph.D, Sonia Gutt, University „Stefan cel Mare” of Suceava

Prof. Ph.D, Rodica Sturza, Technical University of Moldova

1. GRINDING PROCESS OF THE WHEAT KERNEL WITH A NEW DESIGNED MICROMILL

Cristina DANCIU¹, Ioan DANCIU¹, ¹*The Faculty of Agricultural Sciences, Food Industry and Environmental Protection Lucian Blaga University of Sibiu, Romania*

2. OXIDATIVE STABILITY OF IRON ENRICHED OIL-IN-WATER EMULSIONS

Diana CURCHI, Rodica STURZA, *Technical University of Moldova, Chisinau, Republic of Moldova*

3. DIELECTROPHORETIC DEVICES FOR SEPARATING FOODBORNE PATHOGENS,

Iuliana Mihaela LAZAR¹, Arcadie SOBETKII², Ileana Denisa NISTOR¹, Neculai Doru MIRON¹, Marius STAMATE³, Gabriel Octavian LAZAR³, ¹*„Vasile Alecsandri” University of Bacau, Food Engineering Department,* ²*Opticoat Bucharest Company,* ³*Environmental Engineering Department, „Vasile Alecsandri” University of Bacau, Romania*

4. A NEW METHOD AND A NEW DEVICE FOR LIPID'S FRESHNESS DETERMINATION,

Sonia GUTT, Gheorghe GUTT, *Faculty of Food Engineering, „Stefan cel Mare” University of Suceava, Romania*

12³⁰ – 12⁵⁰ Coffee-break

12⁵⁰ – 14⁰⁰ Presentation on sections

SECTION 1.

ECOLOGY AND ENVIRONMENTAL SAFETY

1. SELECTIVITY OF CALIX[6]ARENE-COATED PIEZOELECTRIC QUARTZ CRYSTAL SENSOR FOR THE DETECTION OF SOME ORGANIC AMINE IN GAS FLOW,

Iosif GERGEN¹, Despina Maria BORDEAN¹, Monica HARMANESCU³,
Florina RADU¹, Marilena MICLAU², ¹*USAMVB- Faculty of Food
Technology, Calea Aradului nr. 119, Timișoara, RO-300645, România,*
²*INCEMC (Institutul National de C-D pentru Electrochimie si Materiale
Condensate), Timisoara* ³. *USAMVB-Agriculture Faculty, Timisoara*

2. LIFETIME OF FREEZING - ACTIVATED WATER,

¹Igor WINKLER, ¹Antonia ANDRUSYAK, *Yuriy Fedkovych Chernivtsi
National University, Ukraine*

3. RISK TO HUMAN HEALTH CAUSED BY NON CONDITIONAL DRINKING WATER,

¹Borys SKIP, ²Sonia GUTT, ³Ștefan STANKO, ¹*Chernivtsi National
University by Yuriy Fedkovich, Chemistry Department, Ukraine,* ²*Suceava
University, Food Engineering Faculty, Romania,* ³ *Slovak University of
Technology, Department of Sanitary and Environmental Engineering
Bratislava, Slovakia*

4. THE REMOVAL OF CR (VI) FROM AQUEOUS SOLUTIONS BY PVC- BASED POLYMER INCLUSION MEMBRANE,

Cristina- Veronica GHERASIM Gelu BOURCEANU¹, Romeo- Iulian
OLARIU¹, *Faculty of Chemistry, "A.I.Cuza" University of Iasi, Romania*

SECTION 2.

FOOD PRODUCTS QUALITY AND SAFETY

1. CONTRIBUTIONS TO THE DEVELOPMENT AND PROMOTION OF A NEW METHOD AND DEVICE TO STUDY GELLING KINETICS AND DEGREE,

Gheorghe GUTT , Sonia GUTT, *Faculty of Food Engineering, „Stefan cel Mare” University of Suceava, Romania*

2. ASSESSMENT OF THE MILK ALLERGENS INTO FOODSTUFFS,

Mihaela BEGEA¹ Elena BĂLĂUȚĂ¹, Alexandrina SIRBU², ¹*ICA Research & Development, Bucharest, ,* ²*Constantin Brancoveanu University, FMMAE Ramnicu Valcea, Romania*

3. BIOTECHNOLOGY OF EDIBLE MUSHROOMS CULTIVATION ON VINE AND WINERY WASTES

Marian PETRE, Alexandru TEODORESCU, *University of Pitesti, Romania*

4. OPTIMIZATION OF THE EXTRACTION OF POLYPHENOLS FROM GRAPE SEEDS,

Andrei STURZA, Olga DESEATNICOVA, *Technical University of Moldova, Chisinau, Republic of Moldova*

5. MICROBIOLOGICAL EVALUATION OF BREAD WITH SPIRULINA DURING THE MANUFACTURING AND STORAGE,

¹Gabriela CONSTANTINESCU (POP), ²Monica DINU, ¹*University „ Stefan cel Mare” of Suceava, Food Engineering Faculty,* ²*SC BANEASA SA, Bucharest, Romania*

14⁰⁰ – 15³⁰ Lunch

15³⁰ – 16³⁰ Presentation on sections

SECTION 1.

ECOLOGY AND ENVIRONMENTAL SAFETY

CHAIR:

Prof. Ph.D, Gagyc Torosyan, State Engineering University of Armenia

Prof. Ph.D, Petro Fochuk, Yuriy Fedkovych Chernivtsi National University, Ukraine

1. APPLICATIONS OF DEFINITE LINEAR FUNCTIONS IN THE AREA OF CHEMICAL REACTIONS FOR SUBSTANCES WITH GIVEN PROPERTIES,

Cristina DAMIAN¹, Ana LEAHU¹, Cristina-Elena HREȚCANU¹, N. CARPIUC², Alice ROSU, “Ștefan cel Mare” University of Suceava, Food Engineering Faculty, Romania

2. THE PRESENT STATE OF RESEARCHES REGARDING ELECTROPLATING PROBLEMS (review),

Violeta VASILACHE, Food Engineering Faculty, University „Ștefan cel Mare” of Suceava, Romania

3. INFLUENCE OF κ-CARRAGEENAN, AGAR-AGAR AND STARCH ON THE RHEOLOGICAL PROPERTIES OF BLUEBERRIES YOGURT,

Mircea-Adrian OROIAN¹, Gheorghe GUTT¹, Food Engineering Faculty, University „Ștefan cel Mare” of Suceava, Romania

4. THE INFLUENCE OF THE LIQUEFACTION TEMPERATURE UPON THE RHEOLOGICAL PROPERTIES OF THE CORN STARCHY MASHES ,

Eufrozina ALBU (NIGA), Alina, PȘIBILSCHI , Food Engineering Faculty, University „Ștefan cel Mare” of Suceava, Romania

SECTION 2.

FOOD PRODUCTS QUALITY AND SAFETY

CHAIR:

Prof. Ph.D, Alexandrina Sârbu, Constantin Brancoveanu University, Rîmnicu Valcea,

Associate Prof. Ph.D, Gabriela Constantinescu (Pop), University „Stefan cel Mare” of Suceava

1. INFLUENCE OF SOME FACTORS ON SUNFLOWER SEEDS LIPASE ACTIVITY,

Marcel AVRĂMIUC, *Food Engineering Faculty, University „Stefan cel Mare” of Suceava, Romania*

2. THE INFLUENCE OF PROCESSING AND MEDIUM COMPOSITION ON THE THIOL AVAILABILITY OF WPC,

Loredana DUMITRASCU, Alina ARDELEAN, Nicoleta STANCIUC, *“Dunărea de Jos” University of Galați, Faculty of Food Science and Engineering, Galați, Romania*

3. ANTIOXIDANT ACTIVITY OF PLANT EXTRACTS CONTAINING POLYPHENOL COMPOUNDS

Cristina POPOVICI, Tatiana CAPCANARI, Olga ZAGARSCHIH, Olga DESEATNICOVA, Rodica STURZA, *Technical University of Moldova Chisinau, Republic of Moldova*

4. STUDIES REGARDING NEW WAYS TO RENDER WHEY PROFITABLE, ¹Adriana DABAJA, Gabriela ¹CONSTANTINESCU (POP), ¹Ioana REBENCIUC, ¹Amelia BUCULEI, *Food Engineering Faculty, University „Stefan cel Mare” of Suceava, Romania*

5. CORRELATIONS ANALYSES BETWEEN SOME ROMANIAN CHEMICAL PARAMETERS OF SOME ROMANIAN WHEAT VARIETIES GROWN IN THE SUCEAVA AREA, Ana LEAHU¹, Georgiana Gabriela CODINĂ¹, Silvia MIRONEASA¹, Cristina DAMIAN¹, *Food Engineering Faculty, University „Stefan cel Mare” of Suceava, Romania*

16³⁰ – 16⁵⁰ Coffee-break

16⁵⁰ – 18⁰⁰ Presentation on sections

SECTION 1

ECOLOGY AND ENVIRONMENTAL SAFETY

1. NEAR INFRARED SPECTROSCOPY – AN ALTERNATIVE TO DETERMINE THE CRUDE FIBER CONTENT OF FORAGES ,

Monica HĂRMĂNESCU¹, Alexandru MOISUC¹, Iosif GERGEN², ¹*Banat's University of Agricultural Sciences and Veterinary Medicine, Faculty of Agriculture, Timisoara, Romania, Banat's University of Agricultural Sciences and Veterinary Medicine, Faculty of Food Technology, Timisoara, Romania.*

2. THE INFLUENCE OF THE TECHNOLOGICAL PARAMETERS ON THE ELECTRODEPOSITION OF NICKEL-TUNGSTEN ALLOY

Maria POROCH-SERIȚAN¹, Sonia GUTT¹, Gheorghe GUTT¹, Maria-Magdalena BOBU¹, Traian Lucian SEVERIN², ¹*“Ștefan cel Mare” University of Suceava, Faculty of Food Engineering, Romania,* ²*“Ștefan cel Mare” University of Suceava, Faculty of Mechanical Engineering, Mechatronics and Management, Romania*

3. TERMINOLOGICAL NEOLOGISMS IN SCIENTIFIC STYLE,

Alice-Iuliana ROȘU, *Food Engineering Faculty, University „Ștefan cel Mare” of Suceava, Romania*

4. RESEARCH ON THE DESCRIPTION OF DIFFUSION PHENOMENON USING MATHEMATICAL MODELLING METHODS,

Silviu-Gabriel STROE, *Food Engineering Faculty, University „Ștefan cel Mare” of Suceava, Romania*

SECTION 2.

FOOD PRODUCTS QUALITY AND SAFETY

1. MULTIVARIATE STATISTICAL ANALYSIS OF ROYAL FETEASCA WINE QUALITY FROM DIFFERENT REGIONS OF ROMANIA COUNTRY

Silvia MIRONEASA¹, Georgiana Gabriela CODINĂ¹, Ana LEAHU¹, Costel MIRONEASA², ¹„Ștefan cel Mare” University, Food Engineering Faculty, ²“Ștefan cel Mare” University” Faculty of Mechanical Engineering, Mechatronic and Management, Suceava, Romania

2. RESEARCHES ON THE EVOLUTION OF THE CONCENTRATED FRUIT JUICES QUALITY AT STORAGE,

Oana – Viorela NISTOR, Elena POPA, Elisabeta BOTEZ, Oana Emilia CONSTANTIN, *Bioengineering Department, Food Science and Engineering Faculty, „Dunarea de Jos” University of Galati, Romania*

3. PREDICTING THE ORGANOLEPTIC QUALITY OF SOME ROMANIAN BEER FROM PHYSICAL-CHEMICAL DATA USING MULTIVARIATE ANALYSIS

Georgiana Gabriela CODINĂ¹, Silvia MIRONEASA¹, Ana LEAHU¹, *Food Engineering Faculty, „ Ștefan cel Mare” University of Suceava, Romania*

4. HIGHLIGHTING GENETIC PROGRESS IN IMPROVING WINTER RYE,

Ioan GONTARIU¹, Constantin DROBOTĂ², Marilena CURELET¹, *Food Engineering Faculty, „ Ștefan cel Mare” University of Suceava, Romania*

18⁰⁰ – 19⁰⁰ Poster session

SECTION 1.

ECOLOGY AND ENVIRONMENTAL SAFETY

1. NOVEL POLYMER INCLUSION MEMBRANE APPLIED IN HEAVY METAL EFFICIENT SEPARATION

Cristina-Veronica I. GHERASIM¹, Gelu BOURCEANU¹,
Faculty of Chemistry, „Al.I.Cuza” University of Iasi, Romania

2. SOLID PHASE EXTRACTION OF HEAVY METALS FROM AQUEOUS SOLUTIONS,

Cristina-Veronica I. GHERASIM¹, Gelu BOURCEANU¹,
Faculty of Chemistry, "Al.I.Cuza" University of Iasi, Romania

3. ADSORPTION OF HEAVY METALS FROM AQUEOUS SOLUTIONS ON COMPOSITES CONTAINING ALIQUAT 336 AS EXTRACTIVE AGENT

Cristina-Veronica I. GHERASIM¹, Gelu BOURCEANU ,
Faculty of Chemistry, "Al.I.Cuza" Universit

4. STUDIES ON PLANT BIOMASS IN VARIOUS STAGES OF DEGRADATION,

Aurora BUNEA¹, Rodica DINICĂ ², Bianca FURDUI, *Institute for Research and Development of Aquatic Ecology, Fisheries and Aquaculture Galati, ²Dunărea de Jos University Galați, Faculty of Science, Romania*

5. EFFECT OF SOME NATURAL HERBS INCORPORATION IN SUNFLOWER OILS ON ITS RESISTANCE TO FRYING TEMPERATURES

Bianca FURDUI¹, Rodica DINICA¹, Mariana LUPOAE², Romică CREȚU¹, ¹*Dunărea de Jos University Galați, Chemistry Department, Faculty of Science, Romania,* ²*Ovidius University Constanta, Faculty of Natural and Agricultural Sciences, Constanța,*

6. QUANTIFICATION OF CAROTENOIDS AND CHLOROPHYLL

Mariana LUPOAE¹, Bianca FURDUI², RODICA DINICĂ², Dragomir COPREAN¹, *Dunărea de Jos University Galați, Chemistry Department, Faculty of Science, Romania,* ²*Ovidius University Constanta, Faculty of Natural and Agricultural Sciences, Constanța,*

7. QUANTITATIVE DETERMINATION OF POLYPHENOLIC COMPOUNDS FROM THE CRUDE EXTRACTS OF ALLIUM, ALLIARIA AND URTICA GENUS. A COMPARATIVE STUDY

Rodica DINICĂ¹, Mariana LUPOAE², Bianca FURDUI¹, Dragomir COPREAN², ¹*Dunărea de Jos University Galați, Chemistry Department, Faculty of Science, Romania,* ²*Ovidius University Constanta, Faculty of Natural and Agricultural Sciences, Constanța*

8. METHOD OF CARBON NANOTUBES DISPERSION IN POLYMERIC MATRIX,

Monica MURARESCU, Dumitru DIMA, Gabriel ANDREI, Adrian CIRCIUMARU, *University “Dunarea de Jos” of Galati, Romania*

9. COMPARATIVE STUDIES OF COMPOSITE COATINGS WITH CEO_2 AND ND_2O_3 IN COPPER MATRIX BY ELECTROLESS PLATING,

Catalina ITICESCU, Monica MURARESCU, *University “Dunarea de Jos” of Galati, Romania*

10. AN OBTAINING METHOD FOR CARBON NANOTUBES WITH MODIFIED SURFACE,

Dumitru DIMA, Monica MURARESCU, Gabriel ANDREI, Simona CHICULITA, *University “Dunarea de Jos” of Galati, Romania*

11. MONITORING OF ENVIRONMENTAL CONTAMINATION WITH HEAVY METALS IN BUKOVYNA,

Yarema TEVTU'I, Olha NECHIPORENKO, ¹*Yuriy Fedkovich National University of Chernivtsi, Ukraine*

12. USE OF FISH BEHAVIORAL RESPONSES IN IDENTIFYING SUBLETHAL EXPOSURE TO POLLUTANTS,

Gintaras SVECEVIČIUS¹, Nijolė KAZLAUSKIENĖ¹,
Institute of Ecology of Nature Research Center, Vilnius, Lithuania

13. SOME METALS (FE, MN, ZN, CU, PB, CD) CONTENTS IN VEGETABLES FROM A NONPOLLUTED PLAIN AREA OF CENAD-BANAT (ROMANIA),

Ioan GOGOASA¹, Gabriela OPREA⁴, Monica HARMANESCU³, Teodor Ioan TRASCA¹, Adrian RIVIS¹ and Iosif GERGEN¹, ¹ *USAMVB- Faculty of Food Technology, Timisoara,* ²*USAMVB-Agriculture Faculty, Timisoara,* ⁴ *Nord University, Baia Mare, Romania*

14. INFLUENCE OF TOTAL SOLUBLE CONTENT, STARTER CULTURE AND TIME PERIOD ON RHEOLOGICAL BEHAVIOUR OF CULTURED BUTTERMILK,

Mircea-Adrian OROIAN, Gheorghe GUTT, *Food Engineering Faculty, „ Stefan cel Mare” University of Suceava, Romania*

15. INFLUENCE OF SOME NONIONIC SURFACTANTS AND FLOCCULANTS ON STABILITY OF DILUTED DISPERSIONS OF KAOLIN AND HYDRO-MICA",

Sergey BORUK, Igor WINKLER, ¹*Yuriy Fedkovych National University of Chernivtsi, Ukraine*

SECTION 2.

FOOD PRODUCTS QUALITY AND SAFETY

1. USE OF SOME CLAY MATRICES IN BIOTECHNOLOGY OF ACID DAIRY PRODUCTS,

ARUS Alisa Vasilica¹, GEORGESCU Ana Maria¹, LAZAR Iuliana Mihaela¹, NISTOR Ileana Denisa¹, MIRON Neculai Doru¹, ABDELKRIM Azzouz², FARKAS Andrea – Eliza¹, COJOCARU Ramona Mihaela¹ *Food Engineering Department, „Vasile Alecsandri” University of Bacau, Romania* ² *Département de Chimie, Université du Québec à Montréal, Canada*

2 THE IMPACT OF STORAGE TEMPERATURES AND DURATION ON SUCROSE CONTENT OF THE SUGARBEET,

Octavian BARNA, Octavian BASTON, Aura DARABĂ, Eugenia PRICOP, Biochemistry Department, *Faculty of Food Science and Engineering, Galati, Dunărea de Jos, Romania*

3. THE IMPACT OF STORAGE TEMPERATURE AND DURATION ON REDUCING SUGARS CONTENT OF THE SUGARBEET,

Octavian BARNA, Octavian BASTON, Romulus-Marian BURLUC, Aura DARABĂ, *Biochemistry Department, Faculty of Food Science and Engineering, Galati, Dunărea de Jos, Romania*

4. CHICKEN MEAT FRESHNESS EVALUATION USING MICROBIOTA AND BIOGENIC AMINE INDEX

Octavian BASTON, Octavian BARNA, Aida VASILE, *Faculty of Food Science and Engineering, Galati, Dunărea de Jos University, Romania*

5. BIOGENIC AMINES CONTENT OF ROMANIAN MARKET MACKEREL,

Octavian BASTON, Octavian BARNA, AIDA VASILE, *Faculty of Food Science and Engineering, Galati, Dunărea de Jos University, Romania*

6. CONCERNS ON THE DEVELOPMENT OF THE ECUMENICAL TOURISM IN BUCOVINA,

Elisabeta BOTEZ, Constantina SĂLCEANU, Oana – Viorela NISTOR, *Faculty of Food Science and Engineering, Galati, Dunărea de Jos University, Romania*

7 FRUIT-BASED CONCENTRATED PRODUCTS, IRON FORTIFIED, DESTINED TO PREVENTION AND DIET THERAPY OF IRON DEFICIENCIES OF VULNERABLE POPULATION GROUPS.

Luminița CATANĂ¹, Monica CATANĂ¹, Mioara NEGOIȚĂ¹, Enuța IORGA¹, Gabriela LILIOS², ¹*National Institute of Research&Development for Food Bioresources – IBA Bucharest, Romania,* ²*Ovidius University, Romania*

8. INFLUENCE OF THE FERTILIZATION TREATMENTS ON NITRATES CONTENT OF SOME VEGETABLE SPECIES, CULTIVATED IN THE FIELD

Enuța IORGA¹, Monica CATANĂ¹, Luminița CATANĂ¹, Mioara NEGOIȚĂ¹, Alina BÂLEA¹, Gabriela LILIOS², ¹*National Institute of Research & Development for Food Bioresources – IBA Bucharest, Romania*, ²*Ovidius University, Romania*

9. IRON FORTIFICATION OF BREAD AND BAKED GOODS, AGAINST NUTRITIONAL DEFICIENCIES OF POPULATION. Mioara NEGOIȚĂ¹, Monica CATANĂ¹, Luminița CATANĂ¹, Enuța IORGA¹, Gabriela LILIOS², Alina BÂLEA¹, Valentin IONESCU¹, ¹*National Institute of Research&Development for Food Bioresources – IBA Bucharest, Romania*, ²*Ovidius University, Romania*

10. DETERMINATION OF DIOXINS AND FURANS FROM EGGS AND OILS, THROUGH HIGH RESOLUTION GAS CHROMATOGRAPHY IN COMBINATION WITH HIGH RESOLUTION MASS SPECTROMETRY,

Monica CATANĂ¹, Luminița CATANĂ¹, Mioara NEGOIȚĂ¹, Enuța IORGA¹, Alina BÂLEA¹, Gabriela LILIOS², ¹*National Institute of Research&Development for Food Bioresources – IBA Bucharest, Romania*, ²*Ovidius University, Romania*

11. VALIDATION OF AN ENZYMATIC METHOD FOR NITRATES DETERMINATION FROM VEGETABLE PRODUCTS

Monica Catană¹, Luminița CATANĂ¹, Mioara NEGOIȚĂ¹, Enuța IORGA¹, Alina BÂLEA¹, Gabriela LILIOS², *¹National Institute of Research&Development for Food Bioresources – IBA Bucharest, Romania, ²Ovidius University, Romania*

12. EFFECT OF TQ PROCESSING ON CELL WALL IN RELATION TO FIRMNESS OF CARROT TISSUE – PART I. THE TISSUE MODEL

Mihaela MARDARE (CHIRILĂ) ¹, Gheorghe ZGHEREA², Gabriel MURARIU³, Constantin MATEESCU⁴, Iosif GERGEN⁵, Gabriela CONSTANTINESCU (POP)⁶, *¹Dunărea de Jos University of Galați, Faculty of Food Science and Engineering, ^{2,3}Dunărea de Jos” University of Galați, Faculty of Sciences, ^{4,5}USAMVB, Timisoara, ⁶University “Ștefan cel Mare” of Suceava, Romania*

13. STUDY ON FREE RADICAL SCAVENGING AND TOTAL POLYPHENOLS OF SOME ROMANIAN WINES

Maria CIOROI, Lucian MIRON Tudor, Gabriela RAPEANU, Nicoleta STANCIUC, Elena POSTOLACHE, Constanta VICOL, *Faculty of Food Science and Engineering, Galati, Dunărea de Jos University, Romania*

14 ROMANIAN TRADE LIBERALIZATION OF FOOD PRODUCT IN TERMS OF EXPORT BENEFITS IN THE KNOWLEDGE SOCIETY,

Alina – Petronela HALLER, ICES „Gh. Zane” – Iasi, Branch of Romanian Academy

15. BENEFITS OF MULTILATERAL LIBERALIZATION FOR THE COUNTRIES WHICH ARE EXPORTING LIGHT INDUSTRY PRODUCTS IN A KNOWLEDGE BASED SOCIETY,

Alina - Petronela HALLER, ICES „Gh. Zane” – Iasi, Branch of Romanian Academy

16. THE INFLUENCE OF THE COLD CONVENTIONAL STORAGE OVER THE FRUITS QUALITY,

Oana – Viorela NISTOR, Mihai ȚÂMPĂU, Elisabeta BOTEZ, Faculty of Food Science and Engineering, Galati, Dunărea de Jos University, Romania

17. INTENSE LIGHT PULSES EFFECT ON FUNGAL BURDEN OF MUSTARD AND BLACK PEPPER

Elena Alexandra ONICIUC¹, Liliana GÎTIN¹, Sorin CIORTAN², Nicoleta MAFTEI (ARON)¹, Anca NICOLAU¹, Faculty of Food Science and Engineering, Galati, Dunărea de Jos University, Romania

18 RESEARCH ON THE INACTIVATION OF ALKALINE PHOSPHATASE AND NATURAL MICROBIAL FLORA FROM COW'S MILK UNDER ELECTRIC FIELDS ACTION,

Eugenia PRICOP, Maricica STOICA, Octavian BARNA, Octavian BASTON, *Faculty of Food Science and Engineering, Galati, Dunărea de Jos University, Romania*

19. STUDY REGARDING THE BEHAVIOUR OF *BACILLUS CEREUS* IN MILK UNDER ELECTRIC FIELDS ACTION, Eugenia PRICOP, Maricica STOICA, Octavian BARNA, Octavian BASTON, *Faculty of Food Science and Engineering, Galati, Dunărea de Jos University, Romania*

20 STUDY OF THE PARAMETERS' VARIATION IN THE FRUITS DRYING PROCESS,

Gabriel – Dănuț MOCANU¹, Oana – Viorela NISTOR¹, Elisabeta BOTEZ¹, Doina – Georgeta ANDRONOIU¹, *Faculty of Food Science and Engineering, Galati, Dunărea de Jos University, Romania*

21. THE INFLUENCE OF MODERN PRODUCTION SYSTEMS „COOK-SERVE”, „COOK-CHILL”, „COOK-FREEZE” ON THE ACTUAL PRESERVATION OF NUTRIENTS IN THE CATERING PRODUCTS

Adrian MĂZĂREL, Gabriela LENCO, Gabriela ROTARU, *Faculty of Food Science and Engineering, Galati, Dunărea de Jos University, Romania*

22. RESEARCH ON THE MICROBIOLOGICAL QUALITY OF CATERING PRODUCTS,

Gabriela ROTARU, Adrian MĂZAREL, *Faculty of Food Science and Engineering, Galati, Dunărea de Jos University, Romania*

23. COMPUTERIZED SYSTEM FOR CLOSURE CONTROL OF PACKAGES IN THE FOOD INDUSTRY,

Cristian LOGOFATU¹, Daniela CIOBOATA¹, Mariana IONESCU², Gabriel MUSTATEA², Amelia BUCULEI³, ¹*INCDMTM, 6-8 Pantelimon Road, Bucharest,* ²*Institute of Food Bioresources – Bucharest,* ³*Food Engineering Faculty, „ Ștefan cel Mare” University of Suceava, Romania*

24. FUNCTIONAL FOODS, KEY FACTORS IN MODERN NUTRITION,

MAN Gabriela, *S.C. Dietetica, Ramnicu Valcea, Romania*

25. DIETARY FIBRES ROLE IN MANUFACTURING BREAD WITH LOW CONTENT OF GLUCIDES

¹Monica DINU, ²Gabriela CONSTANTINESCU (POP),

¹ *S.C. BANEASA S.A, BUCHAREST, ROMANIA,* ²*Food Engineering Faculty, „ Ștefan cel Mare” University of Suceava, Romania*

26 ELECTRONIC NOSE FAST METHOD FOR APPLES DISCRIMINATION TO DETERMINE OPTIMUM HARVEST MOMENT,

Mirela CALU¹, Petru ALEXE¹, *„Dunarea de Jos” University, Galati, Romania*

27. LINGOCELLULOSICS: THE QUALITY EVALUATION OF THE SERVICES PROVIDED BY PRESIDENT RESTAURANT FROM MANGALIA BY ANALYZING CUSTOMER'S SATISFACTION REGARDING THE WAITER TAKING ORDER,

Mihaela CONSTANDACHE¹, Elena CONDREA², Anghelina DUDAN³, ¹*Dimitrie Cantemir* Christian University, Faculty of Touristic and Commercial Management Constanta, ²*Ovidius* University, Faculty of Economics, 1 University Alley, Constanta, Romania, ³, *Carol I* Commercial College, 15 Decebal Street, 900665 Constanta, Romania

28. WAYS OF OPTIMIZING THE NUTRITIONAL VALUE OF DIETETIC PASTRY PRODUCTS

Cioarbă Iuliana¹, ing. Batariuc Ana², ¹*Food Engineering Faculty, Stefan cel Mare University, DSVSA Suceava, Romania*

29. STATISTICS INDICATORS USED IN TOURISM DEMAND ANALYSIS,

Cristina – Elena HREȚCANU¹, Ciprian-Ionel HREȚCANU², Alice-Iuliana ROȘU¹, Cristina DAMIAN¹, ¹*Stefan cel Mare University of Suceava, Faculty of Food Engineering, Suceava, Romania,* ²*Ciprian Porumbescu College of Art, Suceava, Romania*

30. SOFTNESS AND FRESHNESS – WAYS TO OBTAIN IT IN BAKED GOODS'

Gabriela DOBRE¹, George Iulian IZELLA¹,
S.C. ENZYMES&DERIVATES S.A. ROMANIA, Costisa, Romania

**31. VEGETAL BIOACTIVE SUBSTANCES AND THEIR
ROLE IN FUNCTIONAL ALIMENTATION,**

*Sorina ROPCIUC, Technical College for Food Industry –
Suceava, Romania*

**32. THE EFFICACY OF PLANT STANOLS/STEROLS IN
ENSURING THE HEART HEALTH,**

*Mihaela CONSTANDACHE¹, Elena CONDREA², Steluța
RADU³,¹ „Dimitrie Cantemir” Christian University, Faculty of
Touristic and Commercial Management Constanta, ² „Ovidius”
University, Faculty of Economics, 1 University Alley, Constanta,
Romania, ³ Agricultural Science and Veterinary Medicine University of
Iași, Faculty of Agriculture, Romania*

**33. THE POSSIBILITIES OF THE USE OF WASTES
RESULTED FROM THE INDUSTRIAL PROCESSING OF
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*Aurelian POPESCU, Adriana BÂRCA, University George
Barițiu, Brașov, Romania*

**34. EFFECTS OF A2 PHOSPHOLIPASE ON DOUGH
RHEOLOGICAL PROPERTIES AND BREAD
CHARACTERISTICS,**

*Ana LEAHU¹, Georgiana Gabriela CODINĂ¹, Silvia
MIRONEASA¹, Alice Iuliana ROȘU¹, Food Engineering Faculty, „
Ștefan cel Mare” University of Suceava, Romania*

35. RESEARCH CONCERNING THE INFLUENCE OF HEAT TREATMENTS ON PHYSICO – MECHANICAL AND TEXTURAL CHARACTERISTICS OF PEARS

Dănuț MOCANU, Mariana IOPȘU, Elisabeta BOTEZ, Oana CONSTANTIN, *Faculty of Food Science and Engineering, Dunărea de Jos University, Galati, Romania*

36. MONITORING DAIRY PRODUCTS CONTAMINATION WITH RADIONUCLIDES AND HEAVY METALS,

Lăcrămioara RUSU¹, M. HARJA², A.I. SIMION, *"Vasile Alecsandri" University of Bacau, Romania*

36. DEVELOPMENT OF LATERAL FLOW IMMUNOASSAY FOR RAPID DETECTION OF OXYTETRACYCLINE IN HONEY SAMPLES,

Isabel¹ GUILLÉN GUILLÉN¹, Ángel MARTÍNEZ SANMARTIN¹, José Antonio GABALDÓN HERNÁNDEZ^{1,2}, Estrella NÚÑEZ-DELICADO², Rosa PUCHADES PLA³, Ángel MAQUIEIRA CATALÁ³

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19³⁰ Festive dinner

Saturday, 20th November 2010

9⁰⁰ - 13³⁰ Monastery tour (Moldovița, Voroneț)

13³⁰ - 15⁰⁰ Lunch at Popas Bucovina Restaurant

15⁰⁰ - 17⁰⁰ Monastery tour (Sucevița, Putna)

17⁰⁰ - 22⁰⁰ Rustic dinner

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