

Scientific Programme

The 2nd International Conference on Food Chemistry, Engineering & Technology 2nd. Day – 20 May 2011

Poster presentations

- P₁** Superoxide Dismutase Activity in the freshwater crustacean *Daphnia magna* exposed to Pb(II)
P. Peppos, **A. Salifoglou**, S. Hadjispyrou - *Laboratory of Inorganic Chemistry, Department of Chemical Engineering, Aristotle University of Thessaloniki, Thessaloniki, Greece*
- P₂** Study of aluminum binary systems with phosphonate substrates and their relevance to neurodegeneration
V. Georgantas, **A. Salifoglou** - *Laboratory of Inorganic Chemistry, Department of Chemical Engineering, Aristotle University of Thessaloniki, Thessaloniki, Greece*
- P₂** Study of aluminum binary systems with phosphonate substrates and their relevance to neurodegeneration
V. Georgantas, **A. Salifoglou** - *Laboratory of Inorganic Chemistry, Department of Chemical Engineering, Aristotle University of Thessaloniki, Thessaloniki, Greece*
- P₃** Incidence of aflatoxins and fumonisins in cereal food from serbian market
Sandra M. Jakšić, **Biljana F. Abramović**, Bojana Z. Prunić, Željko A. Mihaljev, Milica M. Živkov Baloš, Igor M. Jajić, Vesna N. Despotović, Luka J. Bjelica - *Faculty of Science, Department of Chemistry, Biochemistry and Environmental Protection, Novi Sad, Serbia*
- P₄** Lipolytical changes in Dacia sausage, a Romanian dry cured sausage
Ana Maria Ciuciu Simion, Javier Carballo, Petru Alexe - *Department of Biochemistry, Faculty of Food Science and Engineering, Dunarea de Jos University, Galati, Romania*
- P₅** Technological research on obtaining a new product: Yoghurt with added walnuts and strawberries jam
Doina - Georgeta Andronoiu, Elisabeta Botez, Gabriel - Dănuț Mocanu, Oana Nistor, Alexandra Nichiforescu - *University „Dunarea de Jos”– Galati, Faculty Food Science and Engineering, Galati, Romania*

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- P₆** Technological research on obtaining a new product: Yoghurt with added walnuts and strawberries jam
Amelia Buculei, Mariana Ionescu, Ioana Rebenciuc, Gabriela Constantinescu (Pop), Adriana Dabija – *“Stefan cel Mare” University of Suceava, Faculty of Food Engineering, Suceava, Romania*
- P₇** The Effect of Temperature on Soluble Dietary Fiber Fraction in Cereals
Adrian Căpriță, Rodica Căpriță, Vasile Octavian Simulescu, Raluca Mădălina Drehe – *Banat’s University of Agricultural Sciences and Veterinary Medicine, 300645-Timișoara, Calea Aradului 119, România*
- P₈** Water Extract Viscosities Correlated with Soluble Dietary Fiber Molecular Weight in Cereals
Adrian Căpriță, Rodica Căpriță, Vasile Octavian Simulescu, Raluca Mădălina Drehe – *Banat’s University of Agricultural Sciences and Veterinary Medicine, 300645-Timișoara, Calea Aradului 119, România*
- P₉** Evaluation of wheat quality using modern methods
Gabriela Constantinescu (Pop), Adriana Dabija, Amelia Buculei, Ioana Rebenciuc – *Stefan cel Mare University of Suceava, Faculty of Food Engineering, Suceava, Romania*
- P₁₀** Evaluation of cereal cultivar impact on bread quality
Gabriela Constantinescu (Pop), Adriana Dabija, Amelia Buculei, Ioana Rebenciuc – *Stefan cel Mare University of Suceava, Faculty of Food Engineering, Suceava, Romania*
- P₁₁** Evaluating antioxidant capacity and biologically active capacity from savory
Adriana Dabija, Cristina-Gabriela Constantinescu (Pop), Amelia Buculei, Ioana Rebenciuc – *Stefan cel Mare University of Suceava, Faculty of Food Engineering, Suceava, Romania*
- P₁₂** Experimental studies concerning obtaining some wine cooler products
Adriana Dabija, Cristina-Gabriela Constantinescu (Pop), Amelia Buculei, Ioana Rebenciuc – *Stefan cel Mare University of Suceava, Faculty of Food Engineering, Suceava, Romania*
- P₁₃** Physico-chemical characterization of some fruits juices from Romanian hypermarket fruit
Laura Corpaș, Ariana-Bianca Velciov, Adi Riviș, Lucia Olariu, Corina Graviță, Mirela Ahmadi - *Faculty of Food Products Technology, Banat’s University of Agricultural Sciences and Veterinary Medicine Timisoara, Timisoara, Romania*
- P₁₄** Barley grain infection with *Fusarium sp.*
Jasenka Cosic, Jelena Postic, Karolina Vrandecic, Drazenka Jurkovic, Brankica Svitlica- *Faculty of Agriculture in Osijek, 31000 Osijek, Trg sv. Trojstva 3, Croatia*

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- P₁₅** Effect of heating on rheological characteristics of some romanian edible vegetable oils
Diana Nicoleta Raba, Mirela Viorica Popa, Camelia Moldovan, Delia Gabriela Dumbravă, C. Mateescu - *Faculty of Food Processing Technology, Banat's University of Agricultural Sciences and Veterinary Medicine, Calea Aradului no.119, RO-300645, Timisoara, Romania*
- P₁₆** Determination by dsc analysis of the influence of ph on meat proteins
Olga Drăghici- *Lucian Blaga University from Sibiu, Faculty of Agricultural Sciences, Food Industry and Environmental Protection, 550012, Sibiu, Romania*
- P₁₇** Evolution of polyphenols during the maceration of the red grapes
Liliana Drăghici, Gabriela Râpeanu - *Colegiul Tehnic de Industrie Alimentara "Dumitru Moșoc", București, Romania*
- P₁₈** Antioxidant activity of some fresh vegetables and fruits juices
Delia – Gabriela Dumbravă, Nicoleta-Gabriela Hădăruță, Camelia Moldovan, Diana- Nicoleta Raba, Mirela -Viorica Popa - *University of Agricultural Sciences and Veterinary Medicine of Banat Timișoara, Food Technology Faculty, 119 A, Aradului street, 300645, Timișoara, Romania*
- P₁₉** Determination of some of the quality parameters for honey produced in Timis County and commercialized in the local market
Gheorghiuța Simion, Daniela Micu, Alexandra Trif, Lăcrămioara Damiescu - *Sanitary Veterinary and Food Safety Directorate, Timș, Martir Caceu No. 4, 300585, Timișoara, Romania*
- P₂₀** Probiotics versus antibiotics in the treatment of hepatic encephalopathy in cirrhotic patients
D. Georgescu, D. Radu, N. Basa, I. Musta, C. Gurban - *University of Medicine and Pharmacy "V.Babes", Timisoara, Romania*
- P₂₁** The Linearity Assumption For Soiland Plants Concentration of Natural Radionuclides
Mihaela Bragea, Ioan Gogoășă, Monica Hărmănescu, Despina Bordeanand, Iosif Gergen - *Regional Centre of Public Health, V. Babeș 16, 300226, Timisoara, Romania*
- P₂₂** Preliminary research concerning the distribution of copper in the soil and vegetables in historical anthropic pollution (Caras-Severin County, Romania)
Ioan Gogoasa, Iosif Gergen, Gabriela Oprea, Despina Bordean, Liana Alda, Diana Moigrădean, Mihaela Bragea - *University of Agricultural Sciences and Veterinary Medicine of Banat, 300645, Calea Aradului 119, Timisoara, România*
- P₂₃** Separating and identifying pesticides in milk through thin layer chromatography and mass spectrometry
Olivia Florena Măruțoiu, Ioan Gogoășă, Maria Tofană, Constantin Măruțoiu, Narcis Băghină, Ioan Gergen, Maria Rada - *„Babes-Bolyai” University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania*

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- P₂₄** A study regarding the slowing of the degradation process of the pastry products by packing them in active atmosphere
Ioana Rebenciuc, Amelia Buculei, Gabriela Constantinescu (Pop), Adriana Dabija, Mariana Ionescu - *Stefan cel Mare University of Suceava, Faculty of Food Engineering, Suceava, Romania*
- P₂₅** Influence of post - mortem treatment with proteolytic enzymes on tenderness of beef muscle
Daniela Istratia, Camelia Vizireanu, Rodica Dinică - *Dunarea de Jos University of Galati, Faculty of Food Science and Engineering, 111 Domneasca Street, 800008, Romania*
- P₂₆** Influence of vacuum packaging on quality of beef muscle after different tenderization methods
Daniela Istratia, Camelia Vizireanu, Rodica Dinică - *Dunarea de Jos University of Galati, Faculty of Food Science and Engineering, 111 Domneasca Street, 800008, Romania*
- P₂₇** The use of commercial enzymes in white grape must clarification
Nicolae Laurențiu Itu, Gabriela Râpeanu - *S.C. Vinex Murfatlar S.R.L., 1 Cochirleni Str., Cernavodă, Romania*
- P₂₈** Modeling temperature dependence of honey viscosity with Arrhenius model
Cristina Vutas, **Constantin Mateescu** - *University of Agricultural Sciences and Veterinary Medicine of Banat, 300645, Calea Aradului 119, Timisoara, România*
- P₂₉** Technological effects of some xylanolytic preparation on black flour
Mihai Ognean*, Claudia-Felicia Ognean - *Lucian Blaga" University from Sibiu, The Faculty of Agricultural Sciences, Food Industry and Environmental Protection, 5-7, Ion Rațiu Street, Sibiu, 550012, Romania*
- P₃₀** Effects of dietary alpha-tocopheryl acetate on alpha-tocopherol content of novel omega-3-enhanced farmed rainbow trout (*oncorhynchus mykiss*) fillets
G.L.Mihalca, O. Tița, Mihaela Tița, Ana Mihalca - *"Lucian Blaga" University, 550012, Str. Ion Rațiu, Nr.5-7, Sibiu, România*
- P₃₁** Effects of dietary alpha-tocopheryl acetate on lipid oxidation farmed rainbow trout (*oncorhynchus mykiss*) fillets
G.L.Mihalca, O. Tița, Mihaela Tița, Ana Mihalca - *"Lucian Blaga" University, 550012, Str. Ion Rațiu, Nr.5-7, Sibiu, România*
- P₃₂** Polycyclic aromatic hydrocarbons (PAHs) in smoked fish from three smoke-houses in Brașov county
G.L.Mihalca, O. Tița, Mihaela Tița, Ana Mihalca - *"Lucian Blaga" University, 550012, Str. Ion Rațiu, Nr.5-7, Sibiu, România*
- P₃₃** Investigations on wastewaters at potato processing and starch recovery and characterisation
Mironescu Monica - *Faculty of Agricultural Sciences, Food Industry and Environmental Protection, "Lucian Blaga" University of Sibiu, Romania*

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- P₃₄** Quality control of raw cow milk from Galati county
Danut Mocanu, Doina Andronoiu, Oana Nistor, Elisabeta Botez - *University „Dunarea de Jos”– Galati, Faculty Food Science and Engineering, Galati, Romania*
- P₃₅** Determination of antioxidant capacity for some products based on wine and medicinal plants
Gabriela Vlasceanu, **Danut Mocanu** - *University „Dunarea de Jos”– Galati, Faculty Food Science and Engineering, Galati, Romania*
- P₃₆** Membrane bioreactor concept with potential use in food biotechnology
George Moise - *University „Dunarea de Jos”– Galati, Faculty Food Science and Engineering, Galati, Romania*
- P₃₇** Opportunities to use of self pressurized membrane bioreactors in food industry
George Moise - *University „Dunarea de Jos”– Galati, Faculty Food Science and Engineering, Galati, Romania*
- P₃₈** Study of the apple parameters' variation during refrigeration storage
Oana – Viorela Nistor, Elisabeta Botez, Gabriel – Dănuț Mocanu, Doina – Georgeta Andronoiu, Viorica Maria Macovei - *Bioengineering Department, Food Science and Engineering Faculty, „Dunarea de Jos” University, 111 Domneasca Street, 800201, Galati, Romania*
- P₃₉** Investigation on mechanical and textural properties of apples during refrigeration storage
Oana – Viorela Nistor, Elisabeta Botez, Doina – Georgeta Andronoiu, Gabriel – Dănuț Mocanu - *Bioengineering Department, Food Science and Engineering Faculty, „Dunarea de Jos” University, 111 Domneasca Street, 800201, Galati, Romania*
- P₄₀** The traceability of copper and zinc in some vegetables from old miner activity area in Baia Mare, NW Romania
Gabriela Oprea, Cristina Mihali, Angela Michnea, Marin Șenilă, Lucia Mihalescu, Oana Mare - *North University of Baia Mare, 430083, Baia Mare, 62/A dr. V. Babes street, Romania*
- P₄₁** Research on improving the quality of flour pastas obtained from flour from soft grain of a lower quality
Diana-Simina Nanu-Pacurar, Ioan Danciu - *“Lucian Blaba” University of Sibiu, Romania*
- P₄₂** Physico-chemical, microbiological and sensory characteristics of a fermented dairy product containing brewer's yeast
Adriana Păucean, Mirela Ana-Maria Jimborean, Dan Cristian Vodnar, Elena Mudura - *Dept. of Food Science and Technology, Faculty of Agriculture, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Romania*

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- P₄₃** *Alternaria alternata* prevalence in wheat from Transylvania
Man Simona, Tofana Maria, Muste Sevastița, Rotar Mihaela Ancuta, Lazar Carmen - *University of Agricultural Sciences and Veterinary Medicine, Faculty of Agriculture, 3-5 Mănăștur street, 3400, Cluj-Napoca, Romania*
- P₄₄** The effect of pH and thermal treatment on some functional properties of whey proteins hydrolysates as measured by fluorescence spectroscopy
Alina Hînțoiu, Gabriela Râpeanu, Silviu Stanciu, **Nicoleta Stănciuc** - “*Dunărea de Jos*” *University of Galați, Faculty of Food Science and Engineering, 111 Domneasca Street, 800201, Galati, Romania*
- P₄₅** Estimation of DPPH (2,2-diphenyl-1-picrylhydrazyl) radical scavenging activity and total reducing power of grape-based beverages
Sturza Rodica, **Zugravii Elena** - *State Agrarian University of Moldova, MD 2049, Chisinau, Mircești str.,44, Republic of Moldova*

The XVIIth Edition of the SYMPOSIUM
Food Science, Processes, and Technologies
"NEW TRENDS IN FOOD SAFETY AND PROCESSING"

2nd. Day – 20 May 2011

Poster presentations

- SP₁** Characterization of sour cherries (*Prunus cerasus*) kernel oil cultivars from Banat
Viorica-Mirela Popa, Corina Misca, Despina Bordean, Diana-Nicoleta Raba, D. Stef, Delia Dumbrava - *Banat's University of Agricultural Sciences and Veterinary Medicine, 300645- Timisoara, Calea Aradului, 119, Romania*
- SP₂** Nutritional disease: bowel conditions and diseases
Daniela Radu, Adriana Marinescu, M.S. Teodorescu - *Surgical Clinic I of County Emergency Hospital Timisoara, University of Medicine & Pharmacy "V.Babes" Timisoara, 10-th. Bulbuca- Av, Romania*
- SP₃** Researches regarding the influence of raw materials on economical, technical and qualitative parameters of a certain semi-smoked sausage assortment manufactured by the traditional and modern technology
C. D. Sălăgean, D. Țibulcă, Mirela Jimborean, Rowena - Ana Cheleman - *S University of Agricultural Sciences and Veterinary Medicine, Faculty of Agriculture, 3-5 Mănăștur Street, 400372 Cluj-Napoca, Romania*
- SP₄** Researches regarding the origine, influence and levels of nitrite and nitrat from meat products
C. D. Sălăgean, D. Țibulcă, Mirela Jimborean, Rowena - Ana Cheleman - *University of Agricultural Sciences and Veterinary Medicine, Faculty of Agriculture, 3-5 Mănăștur Street, 400372 Cluj-Napoca, Romania*
- SP₅** Influence of the storage conditions on physicochemical parameters of infant formula
Semeniuc A. Cristina, Muste Sevastița, Rotar M. Ancuța, Suharoschi Ramona, Tofană Maria - *University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Address – 400372 –Cluj-Napoca, Mănăștur Street, number 3-5, România*
- SP₆** Microbiological Qualiity of Water Used in Soft Drinks Production in Hunedoara County
Claudiu Nicolae Șimonați, Maria Mihaela Balint - *Hunedoara Company of Tourism, Deva, Romania*

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- SP₇** Researches concerning proteins content and proteic scindation indices evolution of some semi-hard cheeses during ripening
Mirela Jimborean, D. Țibulcă, Cristina Anamaria Semeniuc, Adriana Păucean, Aurora Țibulcă - *University of Agricultural Sciences and Veterinary Medicine, Faculty of Agriculture, 3-5 Mănăștur Street, 3400 Cluj-Napoca, Romania*
- SP₈** Researches concerning variation of some physico-chemical parameters of raw milk used to obtain semi-hard cheeses
Mirela Jimborean, D. Țibulcă, Cristina Anamaria Semeniuc, Adriana Păucean, D. Sălăgean, Aurora Țibulcă - *University of Agricultural Sciences and Veterinary Medicine, Faculty of Agriculture, 3-5 Mănăștur Street, 3400 Cluj-Napoca, Romania*
- SP₉** Deoxygenation of red wine by treatment with nitrogen
Gr. Musteață, V. Popov, **S. Ursu** - *Technical University of Moldova, 168 Ștefan cel Mare Str., MD-2004, Chișinău, Republic of Moldova*
- SP₁₀** Functional properties of sodium caseinate hydrolysates as affected by the extent of chymotrypsinolysis
Daniela Pralea, Loredana Dumitrascu, Daniela Borda, Nicoleta Stănciuc - *"Dunărea de Jos" University of Galați, Faculty of Food Science and Engineering, 111 Domneasca Street, 800201, Galați, Romania*
- SP₁₁** Savory snacks and chips in Romania: are salt load and daily intake arguments for a reformulation effort?
Corina –Aurelia Zugravu, Monica Parvu, Daniela Patrascu, Anca Stoian-Pantea - *National Institute of Public Health, Bucharest, Romania*
- SP₁₂** Synthesis, structural and spectroscopic characterization of unusual ternary dinuclear tetraperoxo vanadium (V)-glycine complexes
C. Gabriel, **A. Salifoglou** - *Department of Chemical Engineering, Aristotle University of Thessaloniki, Thessaloniki 54124, Greece*
- SP₁₃** Synthesis, Spectroscopic and Structural Studies of New Binary Cr(III)-Citrate pH-Specific Structural Variants from Aqueous Media
Catherine Gabriel, C. Mateescu, **A. Salifoglou** - *Department of Chemical Engineering, Aristotle University of Thessaloniki, Thessaloniki 54124, Greece*
- SP₁₄** D-(-)-Quinic acid: an efficient physiological metal ion ligand
Melita Menelaou, C. Mateescu, **A. Salifoglou** - *Department of Chemical Engineering, Aristotle University of Thessaloniki, Thessaloniki 54124, Greece*
- SP₁₅** 1D-3D Pb(II)-Organic Lattice Assemblies through Chemical Reactivity and Pb(II)-Assisted Ligand Transformations
C. Gabriel, **A. Salifoglou** - *Department of Chemical Engineering, Aristotle University of Thessaloniki, Thessaloniki 54124, Greece*
- SP₁₆** Hybrid Links between Decavanadates and Betaines of Potential Pharmacological Relevance
E. Kioseoglou, **A. Salifoglou** - *Department of Chemical Engineering, Aristotle University of Thessaloniki, Thessaloniki 54124, Greece*

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- SP₁₇** Metal ion interactions with the minisatellite DNA of H-ras oncogene
Savvas Petanidis, **Athanasios Salifoglou** - *Department of Chemical Engineering, Aristotle University of Thessaloniki, Thessaloniki 54124, Greece*
- SP₁₈** Monitoring of the nitrofurans residues in honey bees from Timis County in the period 2007-2009
Gheorghita Simion, Lăcrămioara Damiescu, Alexandra Trif - *Sanitary Veterinary and Food Safety Directorate, Timiș, Martir Caceu No.4, 300585, Timișoara, Romania*
- SP₁₉** Use of NIRS technology for setting the optimal wheat-triticale ratio to improve the nutritional value of bakery products influenced by technological and biological factors
Anamaria Birou, Sevastița Muste, Simona Man, Carmen Chircu, Elena Andra Cerbu - *University of Agricultural Sciences and Veterinary Medicine, Faculty of Agriculture, 3-5 Mănăștur street, 3400, Cluj-Napoca, Romania*
- SP₂₀** Monitoring the quality and hygiene of processed milk from Bistrița-Năsăud county
Dorin Țibulcă, Mirela Jimborean, Claudiu Dan Sălăgean, Rowena Cheleman, Aurora Țibulcă, Maria Crăciun - *University of Agricultural Sciences and Veterinary Medicine, Faculty of Agriculture, 3-5 Mănăștur street, 3400, Cluj-Napoca, Romania*