



**Banat's University of Agricultural Sciences
and Veterinary Medicine "King Michael I of
Romania" from Timișoara**



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Scientific Programme

**WEEK of the Banat's University of Agricultural Sciences and
Veterinary Medicine „King Michael I of Romania” from Timișoara**



Faculty of Food Engineering
Timișoara, 2019



ROMANIAN ACADEMY
Timisoara Branch



**Academy of Agricultural and
Forestry Sciences
"Gheorghe Ionescu-Șișești"**
Timisoara Branch



**Romanian Association of Food
Industry Specialists**
Timisoara Branch



Romanian Chemistry Society
Timisoara Branch

General Program

WEEK of the Banat's University of Agricultural Sciences and
Veterinary Medicine „King Michael I of Romania” from Timișoara

Faculty of Food Engineering

20.05.2019 (Monday)

09⁰⁰ - 10⁰⁰ Interpretation of the scientifically data - WORKSHOP
Organizers: Ducu Ștef, Dacian Lalescu, Despina-Maria Bordean, Liana
Alda

*Seminar S2 - Faculty of Food Engineering
Banat's University of Agricultural Sciences and Veterinary Medicine
„King Michael I of Romania” from Timișoara*

10⁰⁰ - 11⁰⁰ How do employers think? Start finding the right job.
Organizers: Mirela Popa, Corina Mișcă, Camelia Moldovan,
Delia Dumbravă
Guests: Assoc. Prof. Dr. Denisa Adrudan, West University of Timișoara

11⁰⁰ - 12⁰⁰ Micro-structured ionized alkaline water obtained by electrolysis -
source of health and longevity - WORKSHOP
Organizers: Georgeta-Sofia Pintilie, Mariana-Atena Poiană,
Ioan David
Guests: Daniel Turcu, George Știrbu, Anda Ionelia Popescu - ENAGIC
International – Japan

*„Ionel Jianu” Amphitheater - Faculty of Food Engineering
Banat's University of Agricultural Sciences and Veterinary Medicine
„King Michael I of Romania” from Timișoara*

21.05.2019 (Tuesday)

09⁰⁰ - 11⁰⁰ Innovative education in university education in life sciences -
WORKSHOP
Organizer: Teodor - Ioan Trașcă

- **Theme 1** - Food quality, an innovative approach. The formative educational character of the sensory approach in the formation of healthy eating habits
Prof. Dr. Constantin Croitoru, Scientific Secretary of the ASAS Food Industry Section, ASAS Member
- **Theme 2** - The role of demonstration centers in developing innovative thinking on renewable energies
Prof. Dr. Dumitru Țucu, Vice President of Timișoara Branch of ASAS, President of AGIR Renewable Energy Society
- **Theme 3** - Global Harmonization Initiative on Food Safety and Security
Prof. Dr. Dumitru Mnerie, Ambassador for Romania from the Global Harmonization Initiative

*„Ionel Jianu” Amphitheater - Faculty of Food Engineering
Banat's University of Agricultural Sciences and Veterinary Medicine
„King Michael I of Romania” from Timișoara*

15⁰⁰ – 17⁰⁰

Floral Art (II) - WORKSHOP

Organizers: Adrian Riviş, Teodor - Ioan Traşcă, Alexandru Popovici, Gabriel Megheduş-Mîndru, Mariana Poiană, Alexandru Rinovetz, Bogdan Rădoi

- **Theme 1 - Introduction. Floral art in food - brief European history**
Prof. Dr. Teodor – Ioan Traşcă, Faculty of Food Engineering, Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timișoara
- **Theme 2 - Floral art in catering**
Eng. Alexandru Popovici
- **Theme 3 - Natural geometries and fractal developments**
Assoc. Prof. Dr. Dan Moga, Director of Design and Applied Arts Department, West University of Timișoara
- **Theme 4 - Spiral: between natural structure and cultural geometry**
Prof. Dr. Camil Mihăescu, West University of Timișoara
- **Theme 5 - The secret language of flowers**
Assist. Prof. Dr. Gabriel Kelemen, West University of Timișoara

Interventions:

- *Floral and vegetal compositions in fashion design*
 - ✓ **Simona Noroc**, student, Fashion and design, West University of Timișoara
- *Flower art in pastry*
 - ✓ **Eng. Renata Chirițoiu**, "Aurora" Cake Shop
 - ✓ **Eng. Simona Pârvu**, "Codrina" Cake Shop
- *Floral olfactory art in oenology*
 - ✓ **Eng. Mariana Coraș**, "Enoteca de Savoya" manager:
- *Floral motifs in pastry*
 - ✓ **Eng. Stela Savin**, SC "Fropinn" SA
- *Floral sculpture in gastronomy*
 - ✓ **Chef Ionuț**, "Timișoara" Restaurant
 - ✓ "Renaissance" Restaurant representative
 - ✓ "Pepper" Restaurant representative

**"Ionel Jianu" Amphitheater - Faculty of Food Engineering
Banat's University of Agricultural Sciences and Veterinary Medicine
„King Michael I of Romania" from Timișoara**

22.05.2019 (Wednesday)

12⁰⁰ – 14⁰⁰

Culinary art 2019 – Extra-curricular activity - offers students the opportunity to learn / experience the "art" and "technique" of preparing food for human consumption

Organizers: Nicoleta Gabriela Hădărugă, Adrian Riviş, Ariana Bianca Velciov, Alexandru Erne Rinovetz

Guest: Cerasela Lungu – Master in culinary art

***”Ionel Jianu” Amphitheater - Faculty of Food Engineering
Banat’s University of Agricultural Sciences and Veterinary Medicine
„King Michael I of Romania” from Timișoara***

Conferences Programme

1st Day - 23rd of May, 2019 (Thursday)

10³⁰ - 11⁰⁰

Registration at the Faculty of Food Engineering

***„Ionel Jianu” Amphitheatre - Faculty of Food Engineering
Banat’s University of Agricultural Sciences and Veterinary Medicine
“King Michael I of Romania” from Timișoara***

11⁰⁰ – 11¹⁰

Opening of the Conference

11¹⁰ – 11³⁰

Plenary Lecture PL₁

11³⁰ – 12⁰⁰

Plenary Lecture PL₂

***„Iulian Drăcea” Auditorium
Banat’s University of Agricultural Sciences and Veterinary Medicine
“King Michael I of Romania” from Timișoara***

13⁰⁰ – 15⁰⁰

Lunch

***RESTAURANT
Banat’s University of Agricultural Sciences and Veterinary Medicine
“King Michael I of Romania” from Timișoara***

14³⁰ – 15⁰⁰

Registration at the Faculty of Food Engineering

15⁰⁰ – 15¹⁰

Opening of the Conference

15¹⁰ – 17⁰⁰

Section: Food Chemistry, Engineering & Technology (I)

17⁰⁰ – 17³⁰

Coffee break and Posters

17³⁰ – 18³⁰

Section: Food Chemistry, Engineering & Technology (II)

18³⁰ – 18⁴⁵

Concluding Remarks and Coffee break

***„Ionel Jianu” Amphitheatre - Faculty of Food Engineering
Banat’s University of Agricultural Sciences and Veterinary Medicine
“King Michael I of Romania” from Timișoara***

19⁰⁰ - 23⁰⁰

Dinner

***”Restaurant Venue”
”Divizia 9 Cavalerie” Street 64, Timișoara 300254***

2nd Day - 24th of May, 2019 (Friday)

08³⁰ – 10⁰⁰

- Lecture (for Ph.D. students)

10⁰⁰ – 12⁰⁰

- Opening of the Banat Agralim - Exhibition

***„Iulian Drăcea” Auditorium
Banat’s University of Agricultural Sciences and Veterinary Medicine
“King Michael I of Romania” from Timișoara***

Scientific Programme

1st Day – 23rd of May, 2019 (Thursday)

***”Ionel Jianu” Amphitheatre - Faculty of Food Engineering
Banat’s University of Agricultural Sciences and Veterinary Medicine
“King Michael I of Romania” from Timișoara***

10³⁰ – 11⁰⁰ **Registration at the Faculty of Food Engineering**

***”Iulian Drăcea” Auditorium
Banat’s University of Agricultural Sciences and Veterinary Medicine
“King Michael I of Romania” from Timișoara***

11⁰⁵ – 11¹⁵ **Opening of the Conference**

Cosmin Alin Popescu, Rector of the Banat’s University of Agricultural Sciences and Veterinary Medicine “King Michael I of Romania” from Timișoara,
The 2nd International Conference on Life Sciences

11¹⁵ – 11²⁵ **Isidora Radulov**, Vicerector of the Banat’s University of Agricultural Sciences and Veterinary Medicine “King Michael I of Romania” from Timișoara,
The 2nd International Conference on Life Sciences

11³⁰ – 12³⁰ **PL₁: Per- & Polyfluoroalkyl Substances (PFAS) in Soil, Water, Animal Feed and Food**
Thomas G. Nagel, Melanie Mechler, Melanie Zoska, Jörn Breuer - Center for Agricultural Technology Augustenberg (LTZ), Nesslerstrasse 25, 76227 Karlsruhe, Germany
The 2nd International Conference on Life Sciences

12³⁰ – 13⁰⁰ **PL₂: Prof. Dr. habil. Carsten Lorz** - University of Applied Sciences, Department of Forestry, Germany
The 2nd International Conference on Life Sciences

***RESTAURANT
Banat’s University of Agricultural Sciences and Veterinary Medicine
“King Michael I of Romania” from Timișoara***

12³⁰ – 14⁰⁰ **Lunch**

**"Ionel Jianu" Amphitheatre - Faculty of Food Engineering
Banat's University of Agricultural Sciences and Veterinary Medicine
"King Michael I of Romania" from Timișoara**

14³⁰ – 15⁰⁰ **Registration at the Faculty of Food Engineering**

15⁰⁰ – 15¹⁰ Opening of the Conference
Adrian Riviș, *Dean of the Faculty of Food Engineering, Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timișoara*
The 8th International Conference on Food Chemistry, Engineering & Technology

Chaired by: Prof. Dr. Ersilia Călina Alexa

**"Ionel Jianu" Amphitheatre - Faculty of Food Engineering
Banat's University of Agricultural Sciences and Veterinary Medicine
"King Michael I of Romania" from Timișoara**

15¹⁰ – 16²⁰ **PL₁**: Flavonoid nanotechnology in the protection of human physiology
Athanasios Salifoglou - *Department of Chemical Engineering, Laboratory of Inorganic Chemistry and Advanced Materials, Aristotle University of Thessaloniki, 54124, Greece*
The 8th International Conference on Food Chemistry, Engineering & Technology

16²⁰ – 16⁴⁰ **IL₁**: The Fipronil Egg Scandal – New Challenges in Preventing Carry-Over from Agricultural Products to Food
Johannes M. Bauer, Thomas G. Nagel - *The Center for Agricultural Technology Augustenberg (LTZ), Department 21 - Organic Analyses, Nesslerstrasse 25, 76227 Karlsruhe, Germany*
The 2nd International Conference on Life Sciences

16⁴⁰ – 17⁰⁰ **IL₂**: Cyclodextrin – edible oil complexes: Synthesis and characterization
Daniel I. Hădărugă, Cosmina A. Chirilă, Marius D. Simandi, Raymond N. Szakal, Cornelia Muntean, Geza N. Bandur, Nicoleta G. Hădărugă - *Polytechnic University of Timișoara, Timișoara, Romania*
The 8th International Conference on Food Chemistry, Engineering & Technology

17⁰⁰ – 17³⁰ **Coffee break and Posters**

17³⁰ – 17⁴⁵ **OC₁**: Assessing the bioactive compounds and antioxidant activity of blueberry and their processing byproducts
Cristina-Ramona Metzner, Andreea Ioana Lupitu, Cristian Moisa, Dana-Maria Copolovici, Lucian Octav Copolovici, Georgeta Pop, Mariana-Atena Poiana - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timișoara, Faculty of Food Engineering, Calea Aradului 119, Timișoara, 300645, Romania*
The 2nd International Conference on Life Sciences

17⁴⁵ – 18⁰⁰ **OC₂**: Evaluation of β -cyclodextrin complexation of some autochthonous fish oils by thermal methods
Raymond N. Szakal, Cosmina A. Chirilă, Marius D. Simandi, Cristina Mitroi, Iulia M. Gălan, Christine A. Lucan, Daniel I. Hădărugă, Nicoleta G. Hădărugă. - *Faculty of Food Engineering, Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timișoara, Timișoara, Romania*
The 8th International Conference on Food Chemistry, Engineering & Technology

18⁰⁰ – 18¹⁵ **OC₃**: Evaluation of the fatty acid profile of some autochthonous common beans lipid fractions
Marius D. Simandi, **Cristina Mitroi**, Simelda E. Zippenfening, Tamara D. Vlăduțescu, Anamaria Guran, Lucian Radu, Daniel I. Hădărugă, Nicoleta G. Hădărugă, Adrian Riviș - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timișoara, Timișoara, Romania*
The 8th International Conference on Food Chemistry, Engineering & Technology

18¹⁵ – 18³⁰ **Posters and Concluding Remarks**

"Restaurant Venue"
"Divizia 9 Cavalerie" Street 64, Timișoara 300254

19⁰⁰ - 23⁰⁰ **Dinner**

2nd Day – 24th of May, 2019 (Friday)

08³⁰ – 10⁰⁰ **Lecture**: Biotechnological approaches in sustainable vegetable products. From antioxidants to smart packaging

Athanasios Salifoglou - *Department of Chemical Engineering, Laboratory of Inorganic Chemistry and Advanced Materials, Aristotle University of Thessaloniki, 54124, Greece*

(organized by the Doctoral School on *Engineering of Vegetable and Animal Resources* from the Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timișoara)

"Conference Hall"
Banat's University of Agricultural Sciences and Veterinary Medicine
"King Michael I of Romania" from Timișoara

10⁰⁰ – 12⁰⁰ - **Opening of the Banat Agralim - Exhibition**

POSTERS

- P₁** Evaluation of anthocyanin stability in red onion skin extract
Adina Căta, Mariana Nela Ștefănuț, Ioana Maria Carmen Ienașcu - *National Institute of Research and Development for Electrochemistry and Condensed Matter, Timișoara, Romania*
The 8th International Conference on Food Chemistry, Engineering & Technology
- P₂** Graphene/CuGaO₂ based aerogel synthesis
Cristina Moșoarcă, Daniel Ursu, Petrica-Andrei Linul, Bogdan-Ovidiu Țăranu, Radu Banica - *National Institute for Research and Development in Electrochemistry and Condensed Matter, Timisoara, Romania*
The 8th International Conference on Food Chemistry, Engineering & Technology
- P₃** Novel hydrazone/ β -cyclodextrin complex. Synthesis and characterization
Ioana Maria Carmen Ienașcu, Adina Căta, Mariana Nela Ștefănuț, M.C. Pascariu, Gerlinda Rusu, Paula Sfirloagă, Cristina Moșoarcă, Iuliana M. Popescu - *National Institute of Research and Development for Electrochemistry and Condensed Matter, Timișoara, Romania. Vasile Goldiș" Western University of Arad, Faculty of Pharmacy, Arad, Romania*
The 8th International Conference on Food Chemistry, Engineering & Technology
- P₄** Some fungicide residues determination in food products by a chromatographic method
Mariana Nela Ștefănuț, Adina Căta, Ioana Maria Carmen Ienașcu - *National Institute of Research and Development for Electrochemistry and Condensed Matter, Timișoara, Romania*
The 8th International Conference on Food Chemistry, Engineering & Technology
- P₅** Influence of the added fat type on some nutritional characteristics of an innovative seafood pâte
Delia-Gabriela Dumbravă, Nicoleta Gabriela Hădărugă, Diana Veronica Dogaru, Diana-Nicoleta Raba, Viorica-Mirela Popa, Corina Dana Mișcă, Mărioara Drugă, Camelia Moldovan - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timișoara, Timișoara, Romania*
The 2nd International Conference on Life Sciences
- P₆** Microencapsulation of biologically active compounds from cornelian cherry fruits with whey proteins isolate and accacia gum
Iuliana-Maria Enache, Nicoleta Stănciuc, Camelia Vizireanu - *"Dunarea de Jos" University of Galati - Faculty of Food Science and Engineering, Galati, Romania*
The 2nd International Conference on Life Sciences
- P₇** Rheological and Nutritional Properties of Sugar-Free Roulade with Pumpkin Pulp
Monica Ioan, Gabriel-Dănuț Mocanu, Georgeta Doina Andronoiu, Ionica Dima (Gheonea), Livia Pătrașcu, Liliana Mihalcea - *Integrated Center for Research, Expertise and Technological Transfer in Food Industry, Faculty of Food Science and Engineering Faculty, Dunarea de Jos University of Galati, Romania*
The 2nd International Conference on Life Sciences

- P₈** Studies regarding the use of unconventional ingredients to obtain halva with high nutritional value and improved sensory properties
Andrei Dorel Catargiu, Despina-Maria Bordean, Dan-Dorin Raican, Loredana Alexandra Ghigulescu, Mariana-Atena Poiana - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Food Engineering, Timisoara, Romania*
The 2nd International Conference on Life Sciences
- P₉** Nutraceutical quality evaluation of tomatoes, bell peppers and their processing wastes
Andreea Ilas (married Cadariu), Monica Negrea, Ileana Cocan, Ersilia Alexa, Diana Moigradean, Mariana-Atena Poiana - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Food Engineering, Timisoara, Romania*
The 2nd International Conference on Life Sciences
- P₁₀** Quality Characteristics of Fresh and Reconstituted Probiotic Potatoes Purée with Sea Buckthorn Supercritical CO₂ Extract
Gabriel – Dănuț Mocanu, Oana – Viorela Nistor, Doina Georgeta Andronoiu, Oana Emilia Constantin, Viorica Vasilica Barbu, Ionica Dima (Gheonea), Livia Pătrașcu, Liliana Ceclu, Liliana Mihalcea, Elisabeta Botez - *"Dunarea de Jos,, University of Galati, Faculty of Food Science and Engineering, Galati, Romania*
The 2nd International Conference on Life Sciences
- P₁₁** Could probiotics be useful in patients with functional dyspepsia?
Mihai Ionita, Norina Basa - *First Department of Internal Medicine, University of Medicine and Pharmacy, "V. Babes", Timisoara, Romania*
The 2nd International Conference on Life Sciences
- P₁₂** Symbiotics in irritable bowel syndrome: is this the good choice?
Mihai Ionita, Mihaela Muntean - *First Department of Internal Medicine, University of Medicine and Pharmacy, "V. Babes", Timisoara, Romania*
The 2nd International Conference on Life Sciences
- P₁₃** New ingredient- Sericin influence on rheological and biscuit's sensory properties
Monica Gabriela Dinu, Irina Mihaela Mătran - *Economic College - Bucharest, Romania*
The 2nd International Conference on Life Sciences
- P₁₄** Benefits of the traditional liqueur
Veronica Filimon, Tatiana Avgust, Simona Butan - *"Dunarea de Jos" University of Galati, Cross-Border Faculty, Galati, Romania*
The 8th International Conference on Food Chemistry, Engineering & Technology
- P₁₅** Advanced catechin nanomaterials exert protective effects against amyloid segregation
Christiane M. Nday, Graham Jackson, Athanasios Salifoglou - *Department of Chemical Engineering, Aristotle University of Thessaloniki, Greece*
The 8th International Conference on Food Chemistry, Engineering & Technology

- P₁₆** Insulin mimetic/adipogenic activity of binary-ternary Cr(III)-hydroxycarboxylic acid-aromatic chelator systems
Olga Tsave, Catherine Gabriel, Athanasios Salifoglou - *Laboratory of Inorganic Chemistry and Advanced Materials, Department of Chemical Engineering, Aristotle University of Thessaloniki, Thessaloniki, Greece*
[*The 8th International Conference on Food Chemistry, Engineering & Technology*](#)
- P₁₇** Magnetic chrysin silica nanomaterial behavior in an amyloidogenesis environment
Christiane M. Nday, Graham Jackson, Athanasios Salifoglou - *Department of Chemical Engineering, Aristotle University of Thessaloniki, Thessaloniki, Greece*
[*The 8th International Conference on Food Chemistry, Engineering & Technology*](#)
- P₁₈** Flavonoid derivatives in the enhancement of antioxidant properties
Sevasti Matsia, Athanasios Salifoglou - *Department of Chemical Engineering, Laboratory of Inorganic Chemistry and Advanced Materials, Aristotle University of Thessaloniki, Thessaloniki, Greece*
[*The 8th International Conference on Food Chemistry, Engineering & Technology*](#)
- P₁₉** Improvement of flavonoid nano-technology against Alzheimer-type neurodegeneration
Christiane M. Nday, **Graham Jackson**, Athanasios Salifoglou - *Department of Chemistry, University of Cape Town, Rondebosch, Cape Town, South Africa*
[*The 8th International Conference on Food Chemistry, Engineering & Technology*](#)
- P₂₀** Encapsulated naringin in pegylated nanoparticles against neurodegenerative processes
Christiane M. Nday, **Graham Jackson**, Athanasios Salifoglou - *Department of Chemistry, University of Cape Town, Rondebosch,, Cape Town, South Africa*
[*The 8th International Conference on Food Chemistry, Engineering & Technology*](#)
- P₂₁** Quercetin in magnetic silica nanoparticles. Application against Cu(II)-mediated neurodegenerative processes
Christiane M. Nday, Graham Jackson, Athanasios Salifoglou - *Department of Chemical Engineering, Aristotle University of Thessaloniki, Thessaloniki, Greece*
[*The 8th International Conference on Food Chemistry, Engineering & Technology*](#)
- P₂₂** Structural investigation and physicochemical properties of binary materials of Thallium with organic substrates
Sevasti Matsia, Athanasios Salifoglou - *Department of Chemical Engineering, Laboratory of Inorganic Chemistry and Advanced Materials, Aristotle University of Thessaloniki, Thessaloniki, Greece*
[*The 8th International Conference on Food Chemistry, Engineering & Technology*](#)

- P₂₃** Biological activity of novel well-defined Ti(IV)-(α-hydroxycarboxylic acid) complexes in metabolic (patho)physiology
Olga Tsave, Aikaterini Iordanidou, Athanasios Salifoglou - *Laboratory of Inorganic Chemistry, Department of Chemical Engineering, Aristotle University of Thessaloniki, Thessaloniki, Greece*
The 8th International Conference on Food Chemistry, Engineering & Technology
- P₂₄** The development of a new functional polynuclear Ti(IV)-carboxylic acid complex. Synthesis, characterization and in depth structure-properties investigation
Aikaterini Iordanidou, Athanasios Salifoglou - *Department of Chemical Engineering, Laboratory of Inorganic Chemistry, Aristotle University of Thessaloniki, Thessaloniki, Greece*
The 8th International Conference on Food Chemistry, Engineering & Technology
- P₂₅** Structure-specific adipogenic activity of binary/ternary V(V)-Schiff base materials. Structure-function correlations toward insulinmimesis at the molecular level
Olga Tsave, Maria P. Yavropoulou, John G. Yovos, Athanasios Salifoglou - *Department of Chemical Engineering, Laboratory of Inorganic Chemistry, Aristotle University of Thessaloniki, Thessaloniki, Greece*
The 8th International Conference on Food Chemistry, Engineering & Technology
- P₂₆** Vanadium downregulates autophagic flux and inhibits metastatic Niche by induction of trail-induced apoptosis in cancer cells.
Savvas Petanidis, Efrosini Kioseoglou, Doxakis Anastakis, Margarita Hadzopoulou-Cladaras, Athanasios Salifoglou - *Department of Chemical Engineering, Laboratory of Inorganic Chemistry, Aristotle University of Thessaloniki, Thessaloniki, Greece*
The 8th International Conference on Food Chemistry, Engineering & Technology
- P₂₇** Hybrid peroxido vanadate complexes as advanced materials in biological systems
Efrosini Kioseoglou, Savvas Petanidis, Athanasios Salifoglou - *Department of Chemical Engineering, Laboratory of Inorganic Chemistry, Aristotle University of Thessaloniki, Thessaloniki, Greece*
The 8th International Conference on Food Chemistry, Engineering & Technology
- P₂₈** Optimizing Peroxido-Vanadate chemotherapeutics
Efrosini Kioseoglou, Savvas Petanidis, Athanasios Salifoglou - *Department of Chemical Engineering, Laboratory of Inorganic Chemistry, Aristotle University of Thessaloniki, Thessaloniki, Greece*
The 8th International Conference on Food Chemistry, Engineering & Technology
- P₂₉** The effects of hydrocolloids addition on the rheological characteristics of the dough and gluten-free bread properties
Sorina Ropciuc, Georgiana Gabriela Codina, Ana Leahu, Cristina Damian - *„Stefan cel Mare” University of Suceava, Faculty of Food Engineering, Suceava, Romania*
The 8th International Conference on Food Chemistry, Engineering & Technology

- P₃₀** Increasing the Shelf Life of Alimentary Poultry Fat by β -Carotene and Ascorbic Acid Addition
Flavia Pop, Zorica Voşgan - *Technical University of Cluj-Napoca, North University Center of Baia Mare, Chemistry and Biology Department, Baia Mare, Romania*
The 2nd International Conference on Life Sciences
- P₃₁** Linear relations of the physico-chemical parameters for some natural green plant juices
Antoanela Cozma, Ariana Velcirov, Iuliana Creţescu, Sofia Popescu, Liana Alda, Dacian Lalescu, Mihaela Petcu - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Food Engineering, Timisoara, Romania*
The 2nd International Conference on Life Sciences
- P₃₂** Effect of osmotic dehydration on the colour parameters and chemical characteristics of apple and pear
Ana Leahu, Cristina Ghinea, Mircea Oroian, Cristina Damian, Sorina Ropciuc - *„Stefan cel Mare” University of Suceava, Faculty of Food Engineering, Suceava, Romania*
The 8th International Conference on Food Chemistry, Engineering & Technology
- P₃₃** Effect of drying techniques on the total phenolic contents and antioxidant activity of some vegetables byproducts
Cristina Damian, Mircea Oroian, Ana Leahu, Sorina Ropciuc, Laura Carmen Apostol - *„Stefan cel Mare” University of Suceava, Faculty of Food Engineering, Suceava, Romania*
The 8th International Conference on Food Chemistry, Engineering & Technology
- P₃₄** Extraction of Antioxidants from Onion By-products using Eco-friendly Solvents
Cristina Damian - *„Stefan cel Mare” University of Suceava, Faculty of Food Engineering, Suceava, Romania*
The 8th International Conference on Food Chemistry, Engineering & Technology
- P₃₅** Influence of enzymes action on chromatic characteristics and aromatic profile of pre fermented grape juice
Maria-Lidia Iancu, Ovidiu Tiţa, Anca–Maria Stoia - *"Lucian Blaga" University of Sibiu, Faculty of Agricultural Sciences, Food Industry and Environmental Protection, Department of Agricultural Sciences and Food Engineering, Sibiu, Romania*
The 8th International Conference on Food Chemistry, Engineering & Technology
- P₃₆** Influence of enzymes action on primary quality indicators of the pre-fermented grape juice
Ovidiu Tiţa, **Maria-Lidia Iancu**, Anca–Maria Stoia - *"Lucian Blaga" University of Sibiu, Faculty of Agricultural Sciences, Food Industry and Environmental Protection, Department of Agricultural Sciences and Food Engineering, Sibiu, Romania*
The 8th International Conference on Food Chemistry, Engineering & Technology

- P₃₇** Cow's milk as mineralizing food
Ana-Maria Ivana, Despina Maria Bordean, Liana Maria Alda, Maria Rada, Simion Alda, Lucian Radu, Mihai Adamescu - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Food Engineering, Timisoara, Romania*
The 2nd International Conference on Life Sciences
- P₃₈** Possibilities of use and characterization of purple potatoes for creams and dessert fillings
Camelia Moldovan, Claudia Oprinescu, Mirela Popa, Diana Raba, Mărioara Drugă, Aurica Borozan, Delia Dumbravă - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Food Engineering, Timisoara, Romania*
The 2nd International Conference on Life Sciences
- P₃₉** The amygdalin content in kernel oils of several Rosacea Family cultivars grown in Romania
Viorica-Mirela Popa, Carmen Socaciu, Florica Ranga, Florinela Fetea, Diana Nicoleta Raba, Camelia Moldovan, Delia-Gabriela Dumbravă - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Food Engineering, Timisoara, Romania*
The 2nd International Conference on Life Sciences
- P₄₀** Determination of the mineral profile of some bio-accessible elements of the fruit (Quince)
Cristian Andrei Sencici, Liana Alda, Alexandru Rinovetz, Lucian Radu, David Ioan, Ducu-Sandu Ștef, Gabriel Bujancă - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Food Engineering, Timisoara, Romania*
The 2nd International Conference on Life Sciences
- P₄₁** Evaluation of the similarity/dissimilarity of poultry lipid profiles by Fourier transform infrared spectroscopy
Cosmina A. Chirilă, Tamara D. Vlăduțescu, Anamaria Guran, Lucian Radu, Cristina Mitroi, Daniel I. Hădărugă, Adrian Riviș, Nicoleta G. Hădărugă - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Food Engineering,, Timisoara, Romania*
The 2nd International Conference on Life Sciences
- P₄₂** Evaluation of the moisture content of some non-homogeneous meat products by volumetric Karl Fischer titration
Simelda E. Zippenfening, Marius D. Simandi, Tamara D. Vlăduțescu, Anamaria Guran, Cosmina A. Chirilă, Daniel I. Hădărugă, Nicoleta G. Hădărugă - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Food Engineering, Timisoara, Romania*
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- P₄₃** Evaluation of bioactive compounds from a new dietetic and functional sorbet
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