



*International Scientific Symposium
“Young researchers and scientific
research in life sciences” for
bachelor, master and Ph.D. students
28nd of November 2019*



romania2019.eu

*Section: “Young researchers in food
engineering”*

28-29 November 2019





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General Programme

Thursday, November 28, 2019

09³⁰ – 10⁰⁰

Registration at the Aula "Iulian Drăcea"

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

10⁰⁰ – 10¹⁵

Opening of the Symposium

10¹⁵ – 10³⁰

Plenary Lecture PL₁

10³⁰ – 10⁴⁵

Plenary Lecture PL₂

10⁴⁵ – 11⁰⁰

Plenary Lecture PL₃

11⁰⁰ – 12⁰⁰

European Rural Parliament

Aula "Iulian Drăcea"

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

12⁰⁰ – 14⁰⁰

Lunch

RESTAURANT

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

14⁰⁰ – 14³⁰

Registration at the Hall of Faculty of Food Engineering

14³⁰ – 14⁴⁵

Opening of the Symposium section

14⁴⁵ – 15⁰⁰

Oral Communication OC₁

15⁰⁰ – 15¹⁵

Oral Communication OC₂

15¹⁵ – 15⁴⁵

Coffee break

15⁴⁵ – 16⁰⁰

Oral Communication OC₃

16⁰⁰ – 16¹⁵

Oral Communication OC₄

16¹⁵ – 16³⁰

Oral Communication OC₅

16³⁰ – 17⁰⁰

Oral Communication OC₆

17⁰⁰ – 17³⁰

Coffee break and posters



„Seminar Class S1”- Faculty of Food Engineering

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

17³⁰ – 18⁰⁰ *Research Papers Award – 2019*

18⁰⁰ – 20⁰⁰ **Dinner**

Hall of Faculty of Food Engineering

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

Friday, November 29, 2019

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

11⁰⁰ – 12⁰⁰ **WORKSHOP:** *Reducing food waste throughout the supply chain through social innovation (Acknowledgement: Active measures to increase the participation in the tertiary entrepreneurial education of students from disadvantaged regions Antre_S”, Contract code: POCU/379/6/21/124388 (SA.2.6. - Developing an action for social innovation through attractive training / development courses in digital skills in order to increase entrepreneurship and employability)*

12⁰⁰ – 13⁰⁰ **Visit:** *Interdisciplinary Research Platform "Organic, Sustainable Agriculture and Food Safety" and „Research Center - Food Science"*

12⁰⁰ – 14⁰⁰ **Lunch**

RESTAURANT

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



Programme

09³⁰ – 10⁰⁰

Registration at the Aula "Iulian Drăcea"

10⁰⁰ – 10¹⁵

Opening of the Symposium

Prof. dr. Cosmin Alin Popescu

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

Prof. dr. Isidora Radulov

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

Plenary Lecture

10¹⁵ – 10³⁰

PL1: Olive and potato fertilization in Kalomata Region, Greece

Kottaridis Panagiotis, Isidora Radulov

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

10³⁰ – 10⁴⁵

PL₂: Touristic places in Turkey

Enes Çevik, Andrea Feher

Faculty of Management and Rural Tourism, Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timișoara



10⁴⁵ – 11⁰⁰

PL₃: Pasta - between tradition and innovation

Simelda E. Zippenfening, Jelena Milutinovic, Marius D. Simandi, Florinela Beucă, Andreea Mureșan, Rodica Dumitrelea, Georgiana Nistor, Nicoleta G. Hădărugă

Faculty of Food Engineering, Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timișoara

11⁰⁰ – 12⁰⁰

European Rural Parliament

Iuxel Vijiac

Project Management Unit, Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timișoara

12⁰⁰ – 14⁰⁰

Lunch

RESTAURANT

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



Section: “Young researchers in food engineering”

„Seminar Class S1” - Faculty of Food Engineering

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

Chaired by: As. Dr. Laura Rădulescu

14⁰⁰–14³⁰

Registration at the Faculty of Food Engineering
*Hall of Faculty of Food Engineering, Banat’s University
of Agricultural Sciences and Veterinary Medicine “King
Michael I of Romania” from Timișoara*

14³⁰–14⁴⁵

Opening of the *Symposium* section

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*

14⁴⁵–15⁰⁰

OC1: Valorisation of oils from some invasive fish species
from Danube River by cyclodextrin nanoencapsulation

Cristina Mitroi (Birău), Anamaria Guran, Lucian Radu,
Iulia Gălan, Gabriel Bujancă, Nicoleta G. Hădărugă,
*Banat’s University of Agricultural Sciences and Veterinary
Medicine “King Michael I of Romania” from Timișoara,
300645-Timișoara, Calea Aradului 119, Romania*

15⁰⁰–15¹⁵

OC2: Antioxidant activity of some extracts from *Rumex*
species

Marius I. Cugorean, Claudia I. Oprinescu, Anamaria
Guran, Lucian Radu, Cristina Mitroi (Birău), Delia G.
Dumbravă, Camelia Moldovan, Nicoleta G. Hădărugă,
Adrian Riviș, *Faculty of Food Processing Technology,
Banat’s University of Agricultural Sciences and Veterinary
Medicine „King Michael I of Romania” from Timisoara,
Romania*



15¹⁵–15⁴⁵

Coffee break

15⁴⁵–16⁰⁰

OC3: Obtaining and Characterization of Mascarpone Mousse from Goat Milk

Telita Szilagyi, Florina Radu, Diana Dogaru - *Faculty of Food Processing Technology, Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Romania*

16⁰⁰–16¹⁵

OC4: Antioxidant activity of extracts from various honey samples

Anamaria Guran, Lucian Radu, Iulia Gălan, Simelda Zippenfening, Marius Simandi, Gabriel Bujanca, Tamara D. Vlăduțescu, Nicoleta Hadaruga, Adrian Riviș- *Faculty of Food Processing Technology, Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Romania*

16¹⁵–16³⁰

OC5: Determination of water content and drying kinetics in leaf cake samples by halogen drying technique

Giulia Mădălina Golea, Ciprian Mocan, Ionela Diana Puiu, Mădălina – Ioana Stîngă, Mădălina Roșu, Alexandru Nicolae, Nicoleta G. Hădărugă - *Faculty of Food Processing Technology, Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Romania*

16³⁰–17⁰⁰

OC6: Analysis of the existing university education offers at the Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timișoara, Romania

Nicoleta Gabriela Hădărugă, Ciprian Rujescu, Simona Cristina Constantinescu, Iuxel Vijiac, Dora Manuela Orboi - *Faculty of Food Processing Technology, Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Romania*



17³⁰ – 18⁰⁰ ***Research Papers Award – 2019***

18⁰⁰ – 19⁰⁰ **Dinner**

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



Posters

- P₁** Assessment of the chlorophylls, carotene and xanthophylls content from two innovative assortments of vegan creams
A.O. Coacă, I.D. Vasiliu, A.G. Parnea, R. Tulpan, C. Moldovan, D.G. Dumbravă
Faculty of Food Engineering, Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Romania
- P₂** Study opportunities on using the natural lipid substitutes resulted by dry fractionation in obtaining bakery products (bread)
Georgiana Felicia Bustan, Oana Maria Costar, Adela Nistorescu-Mihalca, C. G. Fora, A. Riviş, P. B. Rădoi, A. Rinovetz
Faculty of Food Engineering, Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Romania
- P₃** Integration of a vegetable protein by-product in the bakery-pastry technology
Anca Morega, Mădălina Rămnaşu, Ileana Cocan, Monica Ruxanda, Cerasela Petolescu, A.E. Rinovetz, A. Riviş
Faculty of Food Engineering, Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Romania
- P₄** Fractionation in natural oil production technology. Characterization and recommendations
Ramona Bănescu, Andreea Ispas, I. Ştefan, Lelia Angi Serpe, C.G. Fora, A. Riviş, A. Rinovetz
Faculty of Food Engineering, Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Romania



- P₅** Blueberries - Pleading for health
Patricia Cristina Tarkanyi, Despina Maria Bordean, Andrei Catargiu, Poiana Mariana Atena
Faculty of Food Engineering, Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Romania
- P₆** Biophysical and nutritional characterization of some natural fruit and vegetable juices
Paula - Roxana Moț, Dorothea Gurbină, Daniela Stoin, Antoanela Cozma
Faculty of Food Engineering, Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Romania
- P₇** Nutritional and sensory quality evaluation of gluten free cake with pecan nuts
Dorothea Gurbina, Nicoleta Fruja, Paula-Roxana Mot, Antoanela Cozma, Daniela Stoin
Faculty of Food Engineering, Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Romania
- P₈** Study on the use of horseradish as a natural source of antioxidants in the technology of obtaining liver sausage.
A.C. Drăguți, M.V. Negrea, I. Cocan
Faculty of Food Engineering, Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Romania



- P₉** Sensory and chemical characterization of some types of pork sausage
G.I.R. Ciortan, G.S. Pintilie, A.B Velciov
Faculty of Food Engineering, Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Romania
- P₁₀** Determination of the physical-chemical characteristics of certain assortments of bread with seed mixture
Laura Rădulescu, Corina Iuliana Megyesi, Bianca Daniela Naherneac, *Faculty of Food Engineering, Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Romania*
- P₁₁** Determination of the physical-chemical characteristics of a home smoked sausage with the addition of red wine
Laura Rădulescu, Corina Iuliana Megyesi, Oana Elena Moldovan, Ștefan Constantin Sitariu, *Faculty of Food Engineering, Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Romania*
- P₁₂** Preliminary research on the proximate composition of blackberry fruits (*Rubus fruticosus*)
A-I. Birtea, A-B. Velciov, G-S Popescu, *Faculty of Food Engineering, Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Romania*
- P₁₃** Cake pops with spirulina – physico-chemical aspects
G-F. Bustan, V. Murgoi, A-B Velciov, G-S Popescu, *Faculty of Food Engineering, Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Romania*



- P14** Evolution of the dairy market in Romania
Isabela Firuț, Viorica – Mirela Popa, Corina Mișcă, *Faculty of Food Engineering, Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Romania*
- P15** Marketing research on the consumption and production of meat products
Isabela Firuț, Viorica – Mirela Popa, Corina Mișcă, *Faculty of Food Engineering, Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Romania*
- P16** Analysys of bakery products improved with malted barley flour
Maria-Gianina Ocneanu, Corina Mișcă, *Faculty of Food Engineering, Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Romania*
- P17** The influence of fungus load concerning the quality of bakery and pastry products
Ciprian Mocanu, Corina Dana Misca, *Faculty of Food Engineering, Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Romania*

WORKSHOP: *Reducing food waste throughout the supply chain through social innovation (Acknowledgement:* Active measures to increase the participation in the tertiary entrepreneurial education of students from disadvantaged regions Antre_S”, Contract code: POCU/379/6/21/124388 (SA.2.6. - Developing an action for social innovation through attractive training / development courses in digital skills in order to increase entrepreneurship and employability)