

Young people and multidisciplinary research in applied life sciences

UNIVERSITY OF LIFE SCIENCES
"KING MIHAI I" from TIMIȘOARA



SCIENTIFIC PROGRAMME

"Young people and multidisciplinary research in applied life sciences"

Section: Food Chemistry Engineering & Technology

FACULTY of FOOD ENGINEERING



November 13 - 14, 2025



National Agency
for Food,
Environmental
and Occupational
Health Safety
(ANSES), France



University of
Agricultural
Sciences and
Veterinary
Medicine of Cluj-
Napoca, Romania.



Romanian
Academy,
"Coriolan
Drăgulescu"
Institute of
Chemistry,
Timișoara



University of
Antananarivo
Madagascar



Faculty of
Pharmacy,
University of
Porto, Portugal



Instituto Politécnico
de Bragança,
Portugal



Instituto de
Agroecología e
Alimentación
(IAA), University
of Vigo, Campus
Auga



Faculty of
Pharmacy,
Federal
University of
Bahia, Brazil



Facultad de
Farmacia,
Salamanca,
Spain



National Institute for
Agricultural and
Veterinary Research
Vairão, Vila do Conde,
Portugal



Department of
Agricultural and
Food Sciences, Alma
Mater Studiorum -
Università di
Bologna, Italy



University of
Medicine and
Pharmacy
"Victor Babeș"
Timișoara,
Romania



"Ion Ionescu de
la Brad"
University of Life
Sciences Iasi,
Romania



Brukenthal
National
Museum, Natural
History Museum,
Sibiu, Romania



Technological
High School for
the Food
Industry in
Timișoara,
Romania



Polytechnic
University of
Timișoara, Romania

TIMIȘOARA, 2025

Young people and multidisciplinary research in applied life sciences

USVT-FIA is inviting you to a scheduled Zoom meeting

Topic: Young people and multidisciplinary research in applied life sciences

Time: Nov 13, 2025 02:00 PM Bucharest

Join Zoom Meeting

<https://us02web.zoom.us/j/86413375167?pwd=iCwyQpZ0UDGADnFXKnBH1SVlt aCBka.1>

Meeting ID: 864 1337 5167

Passcode: 577327

USVT-FIA is inviting you to a scheduled Zoom meeting

Topic: Young people and multidisciplinary research in applied life sciences

Time: November 14, 2025 12:00 PM Bucharest

Join Zoom Meeting

<https://us02web.zoom.us/j/83421626762?pwd=kMZz8RH898H36oTj3ggJvcy25p zelQ.1>

Meeting ID: 834 2162 6762

Passcode: 927893

GENERAL PROGRAMME

**Thursday, November 13,
2025**

*Location: Aula Magna
University of Life Sciences "King Mihai I" from Timișoara*

08³⁰-10⁰⁰	<i>Participants arrival</i> Hall of the Aula Magna Auditorium, University of Life Sciences "King Mihai I" from Timișoara
10⁰⁰-10¹⁰	<i>Wellcome speech</i> Prof. Cosmin Alin POPESCU, PhD - Rector of the University of Life Sciences "King Mihai I" from Timișoara
10¹⁰-10¹⁵	<i>Conference opening</i> Prof. Kálmán IMRE, PhD - Vice-rector of Research, Innovation and Technological Transfer of the University of Life Sciences "King Mihai I" from Timișoara
10¹⁵-10³⁰	<i>Special Guest speech</i> Dragoș - Cristian VLAD - <i>President of the Romanian Authority for Digitalization</i>
10³⁰-10⁴⁵	<i>Special Guest speech</i> Sorin MIERLEA - President of InfoCons - National Association for Consumer Protection
10⁴⁵-10⁵⁰	<i>Special Guest speech</i> Prof. Doina BANCIU, PhD - President of the Romanian Academy of Scientists
10⁵⁰-11¹⁵	KEYNOTE SPEAKERS Dr. Stefano MILIA, PhD - <i>Restoring the "Invisible Resource": Innovative Strategies for Nitrate-Contaminated Groundwater in Agricultural Areas</i> , Institute of Environmental Geology and Geoen지니어ing, National Research Council, Italy
11¹⁵-12³⁰	<i>Awarding of the Doctor Honoris Causa title - Statement for the diploma conferment</i> Prof. Viorel HERMAN, PhD - President of Senate Laudatio Prof. Viorel HERMAN, PhD - President of Senate <i>Awarding of the diploma</i>

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Prof. Cosmin Alin POPESCU, PhD - Rector of the University of Life Sciences "King Mihai I" of Timișoara

Honoree speech

Prof. Dr. Ing. Petru ANDEA - *Life in the Universe*, Department of Power Engineering, Faculty of Electrical and Energy Engineering University of Politehnica Timișoara

12³⁰ - 13³⁰

Lunch Break

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Section: Food Chemistry Engineering & Technology

Location:

“Ionel Jianu” Amphitheatre, Faculty of Food Engineering, University of Life Sciences “King Mihai I” from Timișoara

Chaired by:

Petru JITARU, PhD - National Agency for Food, Environmental and Occupational Health Safety (ANSES), Maisons-Alfort, France

Mihaela LACATUS, PhD Student – Faculty of Food Engineering, University of Life Sciences “King Mihai I” from Timișoara

Welcome speech

Călin Jianu, Dean of Faculty of Food Engineering, University of Life Sciences “King Mihai I” from Timișoara, Romania

13³⁰-13⁴⁰

Petru Jitaru - *Analytical Chemistry for Public Health: Assessment of the impact of food cooking on the fate of chemical contaminants*

Laboratory for Food Safety, French Agency for Food, Environmental and Occupational Health & Safety (ANSES), Maisons-Alfort, France

13⁴⁰-13⁵⁰

Daniela Haidu - *Therapeutic evaluation of standardized aronia extracts through the prism of the inorganic element determination*

Romanian Academy “Coriolan Dragulescu”, Institute of Chemistry, Romania

13⁵⁰-14⁰⁰

Cristina Anamaria Semeniuc¹, Mara Mandrioli², **Maria Jenica Urs** Tullia Gallina Toschi²- *Quality and authenticity of saffron and sensory aspects.*

¹Faculty of Food Science and Technology, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania.

²Department of Agricultural and Food Sciences, Alma Mater Studiorum - Università di Bologna, Bologna, Italy

14⁰⁰-14¹⁰

Cristina Anamaria Semeniuc¹, Maria-Ioana Socaciu¹, Mara Mandrioli², **Maria Jenica Urs**¹ and Melinda Fogarasi¹, **Pork salami with pumpkin and walnut press cakes exhibits increased pufa content but reduced lipid stability during storage,**

¹Faculty of Food Science and Technology, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania. ²Department of Agricultural and Food Sciences, Alma Mater Studiorum - Università di Bologna, Bologna, Italy

14¹⁰-14²⁰

Beatrice Bancea, Alexia Bolea, Ancuța Rotaru, Steluța Maria

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Singeorzan- **Optimization of a high-protein energy bar formulation using linear programming.**

University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca

14²⁰-14³⁰

Fanirina Sala Andriantsoa¹, Christine Dragomir², Sylvestre Dossa², Lalao Valérie Andriamanamisata Razafindratovo¹, Ersilia Alexa² - **Nutritional and microbiological characterization of three varieties of lentils (*lens culinaris medikus*) from Madagascar.**

¹University of Antananarivo Madagascar, Madagascar

²University of Life Sciences "King Mihai I" from Timisoara, Romania

14³⁰-14⁴⁰

Diana Melo Ferreira, M. Antónia Nunes, Susana Machado, M. Beatriz P. P. Oliveira, Rita C. Alves - **Development of an olive oil-based spread functionalized with bioactive compounds from olive pomace.**

REQUIMTE/LAQV, Department of Chemical Sciences, Faculty of Pharmacy, University of Porto, Portugal

14⁴⁰-14⁵⁰

Liege Aguiar Pascoalino, Lillian Barros, João C. M. Barreira, Filipa S. Reis, M. Beatriz P. P. Oliveira- **Revealing the potential of apple pomace as a sustainable and innovative functional ingredient.**

CIMO, LA SusTEC, Instituto Politécnico de Bragança, Campus de Santa Apolónia, 5300-253 Bragança, Portugal.

REQUIMTE/LAQV, Faculdade de Farmácia, Universidade do Porto, , Portugal.

14⁵⁰-15⁰⁰

Helena Rodrigues, Marta Leite, M. Beatriz P.P. Oliveira, Andreia Freitas - **Ensuring the safety of beehive products: comprehensive insights into mycotoxin contamination and analytical detection strategies.**

University of Porto, Faculty of Pharmacy, R. de Jorge de Viterbo Ferreira 228, 4050- 313 Porto, Portugal. National Institute for Agricultural and Veterinary Research (INIAV), Rua dos Lágidos, Lugar da Madalena, 4485-655 Vila do Conde, Portugal. REQUIMTE/LAQV, Praça Coronel Pacheco, Porto, Portugal

15⁰⁰-15¹⁰

Sara Maia, Thiago F. Soares, Helena Ferreira de Sousa, M. Beatriz P. P. Oliveira, Rita C Alves - **Obtention of bioactive compounds from coffee silverskin: optimization of ultrasound assisted-extraction using response surface methodology.**

REQUIMTE/LAQV, Department of Chemical Sciences, Faculty of Pharmacy, University of Porto, Portugal.

i4HB, UCIBIO, Department of Biological Sciences, Faculty of Pharmacy, University of Porto, Portugal

15¹⁰-15²⁰

Mihaela Lăcătuș, Antonia **Mara Tazma**, Patricia Tarkanyi, Christine Neagu (Dragomir), Sylvestre Dossa, Ersilia Alexa, Despina-Maria

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Bordean, *Development of a functional bakery product*
Faculty of Food Engineering, University of Life Sciences "King Mihai I"
from Timisoara, Romania

15²⁰-15³⁰ **Patricia-Cristina Tarkanyi**, Mihaela Lăcătuș, Bianca Roventa Prisneac, Adrian Riviș, Despina-Maria Bordean - *Beyond the nettles: morphological and chemical divergence in two lamiaceae weeds with nutritional potential*
Faculty of Food Engineering, University of Life Sciences "King Mihai I"
from Timisoara, Romania

15³⁰-15⁴⁰ **Vlad-Alexandru Enache**, Alexa Ersilia - *Development and characterization of biodegradable packaging based on food by-products.*
Faculty of Food Engineering, University of Life Sciences "King Mihai I"
from Timisoara, Romania

15⁴⁰-15⁵⁰ **Andreea Ghitulescu**, Snejana Stoisici Novacovici, Mirela Popa, Diana Moigradean, Mariana-Atena Poiana- *Sustainable valorisation of sea buckthorn pomace: current applications and promising directions in food systems.*
Faculty of Food Engineering, University of Life Sciences "King Mihai I"
from Timisoara, Romania

15⁵⁰-16⁰⁰ **Ipouna Bouanga Dollia Questa**, Amalia Muller, Călin Jianu, Monica Negrea - *Obtaining and characterisation of mango-papaya jam.*
Faculty of Food Engineering, University of Life Sciences "King Mihai I"
from Timisoara, Romania

16⁰⁰-16³⁰ **Questions & Answers**

16³⁰-23⁰⁰ **Dinner „Agora” Urban Agriculture Center USVT**

Friday, November 14, 2025

09³⁰-10³⁰ **Aula Magna - MDPI presentation**
Generative AI using in Research, Scientific Writing and Publishing

10³⁰-11¹⁵ **Senate Hall – Assoc. Prof. Corina MEGYESI, PhD**
Technology Transfer Centers – a Bridge between Doctoral Research and the Socio-Economic Environment – presentation for PhD students

11¹⁵-12⁰⁰ **Senate Hall – Prof. Isidora RADULOV, PhD**
Technology Readiness Levels – a Tool for Assessing the Progress of Applied Research in Doctoral Programs – presentation for PhD students

12⁰⁰-14⁰⁰ **Poster presentations – Faculty of Food Engineering**

14⁰⁰-14³⁰ **Roundtable - Youth and multidisciplinary research moderated by Petru JITARU, PhD - National Agency for Food, Environmental and Occupational Health Safety (ANSES)**

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Posters

P1	Petruța-Elisabeta Andrei, Mihaela Lăcătuș, Patricia Tarkanyi, Corina Dana Mișcă, Despina-Maria Bordean, Exploring the macro- and microelement profile of Geranium robertianum L. , Faculty of Food Engineering, University of Life Sciences "King Mihai I" from Timisoara, 300645 Timisoara, Romania
P2	Iasmina-Mădălina Anghel ¹ , Boleanțu Anamaria - Bianca ² , Lazăr Cătălin - Andrei ² , Popescu Georgeta - Sofia ² , Velciov Ariana - Bianca ^{2*} , Evaluation of nutritional composition and total polyphenols content in avocado seeds (persea americana) , ¹ Politehnica University of Timișoara, Materials and Manufacturing Engineering Department, 300222, Timișoara, Romania - ² Banat's University of Agricultural Sciences and Veterinary Medicine "King Mihai I of Romania" from Timisoara, Faculty of Food Engineering, Timisoara, Romania
P3	Victor Ardean ¹ , Mihaela Lăcătuș ¹ , Patricia Tarkanyi ¹ , Liana Maria Alda ^{1*} , Despina-Maria Bordean ¹ , Study on the nutritional benefits of coconut based products , ¹ University of Life Sciences "King Mihai I" from Timisoara, Faculty of Food Engineering, Timisoara, Romania.
P4	Cristian Argyelan ¹ , Vlad-Alexandru Enache ¹ , Andreea Ghitulescu ¹ , Alexa Ersilia ¹ . The technology of obtaining an agluten-free product enriched with bioactive principles from cranberries. ¹ University of Life Sciences "King Mihai I" from Timisoara, Faculty of Food Engineering, Timisoara, Romania.
P5	Cristian Argyelan ¹ , Vlad-Alexandru Enache ¹ Andreea Ghitulescu ¹ , Alexa Ersilia ¹ , Capitalization of by-products from the fruit juice industry in the bakery industry. ¹ University of Life Sciences "King Mihai I" from Timisoara, Faculty of Food Engineering, Timisoara, Romania.

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P6	Lavinia-Melinda Ardei ¹ , Mihaela Lăcătuș ¹ , Patricia Tarkanyi ¹ , Liana Maria Alda ¹ , Despina Maria Bordean ¹ , Study on the nutritional value of lentil (<i>Lens Culinaris</i>) , ¹ <i>University of Life Sciences "King Mihai I" from Timisoara, Faculty of Food Engineering, Timisoara, Romania.</i>
P7	Radu Balint ¹ , Alexandra Rus ¹ , Cătălin Coman ¹ , Ancuța Rotaru ^{2*} , Iulia Coroian ³ , Mathematical modeling and cost minimization in functional dairy product development. A case study on fruit yogurt , ¹ <i>University of Agricultural Sciences and Veterinary Medicine, Faculty of Food Science and Technology, Cluj-Napoca</i> ² <i>University of Agricultural Sciences and Veterinary Medicine, Faculty of Animal Science and Biotechnologies, Department of Fundamental Sciences, Cluj-Napoca</i> ³ <i>University of Agricultural Sciences and Veterinary Medicine, Faculty of Forestry and Cadastre, Department of Land Measurements and Exact Sciences, Cluj-Napoca</i>
P8	Bolosin (căș. Tonța) Alina ¹ , Costoae (căș. Dâlv) Diana Maria ¹ , Negrea Monica ¹ , Jianu Călin ¹ , Cocan Ileana ^{1*} . Application of natural antioxidants in the development of nitrite-free meat products with improved stability and nutritional properties , ¹ <i>Faculty of Food Engineering, University of Life Sciences "King Mihai I" from Timișoara, , România</i>
P9	Costoae (căș. Dâlv) Diana Maria ¹ , Bolosin (căș. Tonța) Alina ^{1*} , Mihaela Cazacu ¹ , Stoin Daniela ¹ , Cocan Ileana ¹ , Plant-derived proteins as partial replacements for animal proteins in meat products: functional, nutritional, and technological perspectives , ¹ <i>Faculty of Food Engineering, University of Life Sciences "King Mihai I" from Timisoara, România</i>
P10	Alexandra Raluca Borșa (Bogdan) ¹ , Melinda Fogarasi ¹ , Andrei Borșa ^{1*} , and Cristina Anamaria Semeniuc ¹ , Pork sausages reformulated by replacing cured meat with rosehip waste powder: effects on their quality , ¹ <i>Faculty of Food Science and Technology, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania</i>
P11	Alexandra Raluca Borșa (Bogdan) ¹ , Adriana Păucean ¹ , Melinda Fogarasi ¹ , Andrei Borșa ¹ and Cristina Anamaria Semeniuc ¹ , Development of functional waffle cones enriched with fibres, polyphenols, and carotenoids derived from rosehip waste powder , ¹ <i>Faculty of Food Science and Technology , University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania</i>
P12	Emilia-Gabriela Bota, Zsolt Matyas, Loredana-Florina Leopold, Vasile Coman, Cristina Coman, Sustainable use of by-products from cold-

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	pressing of hazelnut oil: functional bar without added sugars, <i>Faculty of Food Science and Technology, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania</i>
P13	Melinda Bot ^{1,2} , Patricia Tarkanyi ¹ , Mihaela Stanciugelu ³ , Ariana Velciov ¹ , Sofia Popescu ^{1*} , Phytochemical profile of some consumed medicinal plants, ¹ <i>University of Life Sciences "King Mihai I" from Timisoara, 300645, 119 Calea Aradului, Romania.</i> ² <i>University of Medicine and Pharmacy "Victor Babes" from Timisoara, Romania.</i> ³ <i>Brukenthal National Museum, Natural History Museum, Sibiu, Romania</i>
P14	Sorina Paula Bugarin, Claudia Bota, Patricia Tarkanyi, Despina - Maria Bordean*, Laura Rădulescu, Development and evaluation of functional cookies with turmeric and rosemary <i>Faculty of Food Engineering, University of Life Sciences "King Mihai I" from Timișoara – 300645 Timișoara, Romania</i>
P15	Ramona Mariana Bușu, Petru Filca, Mihaela Lăcătuș, Cristina Liliana Mitroi*, Laura Rădulescu, Analytical study on the influence of meat mixture on the quality of smoked sausages, ¹ <i>Faculty of Food Engineering, University of Life Sciences "King Mihai I" from Timișoara – 300645 Timișoara, Romania</i>
P16	Iulia Cârlea, Nando Alexandru Portaru, Olivian Vucan, Corina Iuliana Megyesi*, Laura Rădulescu, Effect of fenugreek and seed mix addition on the physicochemical and sensory properties of bread, ¹ <i>Faculty of Food Engineering, University of Life Sciences "King Mihai I" from Timișoara, Romania</i>
P17	Emilia – Niculina Cocan ¹ , Ipouna Bouanga Dollia Questa ^{1*} , Călin Jianu ¹ , Monica Negrea ¹ , Mint–orange peel jam: process and properties, ¹ <i>Facultatea de Inginerie Alimentară, Universitatea de Științele Vieții „Regele Mihai I” din Timișoara, România</i>
P18	Alexandra-Alina Costescu - Stanoevici, Camelia - Ioana Ciobanu, Petruta-Elisabeta Andrei, Liana Alda, Despina-Maria Bordean*, Trace metal evaluation in mint teas: balancing nutritional benefits and toxicological risk, <i>University of Life Sciences "King Mihai I" from Timișoara, Calea Aradului 119, 300645 –Timișoara, Romania.</i>
P19	Gina-Maria Cucuiet ¹ , Petruț Cristian Balaș ¹ , Cristian Szekely ¹ , Adriana Păucean ¹ , Anca Corina Fărcaș ¹ , Simona Maria Man ¹ , Anamaria Pop ¹ , Maria-Simona Chiș ¹ , Sustainable valorization of apple pomace generated during fruit brandy production – transforming waste into a valuable resource, ¹ <i>Faculty of Food Science and Technology, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca,</i>

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	<i>Romania</i>
P20	Ana – Maria Dabici ¹ , Andrei – Dorin Mărginean ¹ , Andrei Alexandru Buhăceanu ¹ , Camelia Moldovan ¹ , Viorica-Mirela Popa ^{1*} , Development and characterization of two varieties of vegan soup concentrates with natural ingredients , ¹ <i>Faculty of Food Engineering, University of Life Sciences „King Mihai I” from Timisoara, Romania</i>
P21	Ana – Maria Dabici ¹ , Andrei – Dorin Mărginean ¹ , Andrei Alexandru Buhăceanu ¹ , Corina – Dana Mișcă ¹ , Viorica-Mirela Popa ^{1*} . Design and development of a range of chicken and turkey sausages . ¹ <i>Faculty of Food Engineering, University of Life Sciences “King Mihai I” from Timișoara, Romania</i>
P22	Andreea-Maria David ¹ , Cristina-Irina Iliescu ¹ , Ardelean Edmond-Andrei ¹ , Mariana-Atena Poiana ¹ , Diana Moigradean ¹ , Flavored alcoholic beverages with natural ingredients , ¹ <i>University of Life Sciences “King Mihai I” from Timisoara, Faculty of Food Engineering, Timisoara, Romania.</i>
P23	Elena-Cristina Drăghici, Christine Neagu, Patricia Tarkanyi, Popa Viorica-Mirela, Camelia Moldovan. Evaluation of the nutritional and functional properties of pumpkin jam enriched with ginger and lemon , <i>Food Engineering Faculty, University of Life Sciences “King Mihai I” from Timișoara, Romania</i>
P24	Christine Dragomir (Neagu) ^{1*} , Ersilia Alexa ¹ , Nutritional and Functional Characterization of Black Lentil Seed and Germinated Powder and Their Utilization in Bread Fortification , ¹ <i>Faculty of Food Engineering, University of Life Sciences “King Mihai I” from Timisoara, România</i>
P25	Sabina – Georgiana Faur, Mihaela Lăcătuș, Robert Neagu, Delia-Gabriela Dumbrava, Camelia Moldovan*, Multidimensional characterization of a raw vegan bar based on seeds and dried fruits: physicochemical, functional, and sensory analysis extracts , <i>Food Engineering Faculty, University of Life Sciences “King Mihai I” from Timișoara, Romania</i>
P26	Anamaria Frențiu ¹ , Marina-Florina Gociu ¹ , Andreea Inoveanu ¹ , Florina Radu ¹ , Daniela Stoin ¹ , Effect of vegetable peel powders on the nutritional, phytochemical and sensory characteristics of pasta , ¹ <i>Faculty of Food Engineering, University of Life Sciences „King Mihai I” from Timșoara</i>
P27	Anamaria Frențiu ¹ , Marina-Florina Gociu ^{1*} , Andreea Inoveanu ¹ , Mariana-Atena Poiana ¹ , Daniela Stoin ¹ , Nutritional and

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	phytochemical characterization of gluten-free bread based on tapioca flour, almond flour and apricot kernel flour (Prunus armeniaca L.), ¹ <i>Faculty of Food Engineering, University of Life Sciences „King Mihai I” from Timisoara, Romania</i>
P28	Diana Gheorghiiță, Georgiana Botezatu, Steluța Radu, Expertise of the soft drink juices coca-cola and pepsi with sugar and without sugar, <i>“Ion Ionescu de la Brad” University for Life Sciences, Iasy, Romania</i>
P29	Diana Ghiorghiiță, Georgiana Botezatu, Steluța Radu, Expertise on the bioactive compounds of tomato juice and concentrate products, <i>“Ion Ionescu de la Brad” University for Life Sciences, Iasy, Romania</i>
P30	An Qi Gong ¹ ; Thiago Freitas Soares ¹ , Helena Maria Neto Ferreira de Sousa ² , Maria Beatriz Prior Pinto Oliveira ¹ , Rita Carneiro Alves ¹ , Development of a NADES-SPE Extraction Approach for Oliver pomace: Selectivity and Antibacterial Evaluation. ¹ <i>REQUIMTE/LAQV, Department of Chemical Sciences, Faculty of Pharmacy, University of Porto, Rua Jorge Viterbo Ferreira, 228, 4050-313 Porto, Portugal</i> ⁴ <i>HB, UCIBIO, Department of Biological Sciences, Faculty of Pharmacy, University of Porto, Rua Jorge Viterbo Ferreira, 228, 4050-313 Porto, Portugal</i>
P31	Nicoleta Elena Greu ¹ , Claudia Kiss ¹ , Ersilia Alexa ¹ , Adding innovative ingredients to traditional bread - Bread with beetroot and sunflower seeds. ¹ <i>Faculty of Food Engineering, University of Life Sciences “King Mihai I” from Timisoara, Romania</i>
P32	Nicoleta Elena Greu ¹ , Claudia Kiss ¹ , Ersilia Alexa ¹ , Adding innovative ingredients to traditional bread - Bread with charcoal and pumpkin seeds, ¹ <i>Faculty of Food Engineering, University of Life Sciences “King Mihai I” from Timisoara, Romania</i>
P33	Luca-Andreas Grigoras, Adina-Emilia Livadariu, Despina-Maria Bordean*, The science of refinement: unveiling the chemical and sensory signatures of matcha and gyokuro teas, <i>Faculty of Food Engineering, University of Life Sciences “King Mihai I” from Timisoara</i>
P34	Noemi Karsai, Zorîța M. Diaconeasa ^{1,2*} , Zsolt Matyas ^{1,2} , Loredana F. Leopold ^{1,2} , Maria C. Stanga ^{1,2} , Phytochemical characterisation and antioxidant activity of anthocyanins from edible flowers, ¹ <i>Faculty of Food Science and Technology, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Romania.</i> ² <i>Life Sciences Institute, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Romania</i>
P35	David Keresztes, Amalia Elena Farcaș, Antonia – Mara Tazma, Mihaela

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	Lacatus, Despina-Maria Bordean*, Whipped by nature: aquafaba – amaranth mousse , <i>Faculty of Food Engineering, University of Life Sciences “King Mihai I” from Timisoara, Romania</i>
P36	Adina-Emilia Livadariu, Luca-Andreas Grigoras, Despina-Maria Bordean*, Heavy metal contamination in legumes: food safety evaluation of lentils, chickpeas, and beans . <i>Faculty of Food Engineering, University of Life Sciences “King Mihai I” from Timisoara, Romania</i>
P37	Mihaela Lăcătuș, David Keresztes, Amalia Elena Farcas, Laura Rădulescu*, Despina-Maria Bordean, Comparative study of antioxidants and polyphenols in two amaranthus species , <i>Faculty of Food Engineering, University of Life Sciences “King Mihai I” from Timisoara, Romania</i>
P38	Mihaela Lăcătuș, Petruța-Elisabeta Andrei, Mariana-Atena Poiana, Despina-Maria Bordean, A comparative perspective between Chenopodium album and Atriplex hortensis: perception and nutritional value , <i>Faculty of Food Engineering, University of Life Sciences “King Mihai I” from Timisoara, Romania</i>
P39	Damaris Lupsor ¹ , Adina Potcovel ¹ , Florina Radu ^{1*} , Mariana-Atena POIANA ¹ , Studies on the influence of seasonal and collection factors on the quality of raw cow's milk and halloumi cheese , ¹ <i>University of Life Sciences ‘King Mihai I’ from Timisoara, Faculty of Food Engineering, Department of Food Technologies</i>
P40	Susana Machado, ^{1,2*} Daniel Lemos, ¹ Anabela Costa, ¹ Thiago F. Soares, ¹ M. Beatriz P. P. Oliveira, ¹ Carolina Oliveira de Souza, ³ Miguel A. Prieto, ² Rita C. Alves ¹ , Tenebrio molitor Larvae: A Functional and Sustainable Protein Source for Human and Animal Nutrition . ¹ REQUIMTE/LAQV, <i>Department of Chemical Sciences, Faculty of Pharmacy, University of Porto, Portugal</i> . ² Instituto de Agroecología e Alimentación (IAA), <i>Nutrition and Food Group (NuFoG), Department of Analytical Chemistry and Food Science, University of Vigo, Campus Auga, Spain</i> . ³ Graduate Program in Food Science/Department of Bromatological Analyses, <i>Faculty of Pharmacy, Federal University of Bahia, Brazil</i>
P41	Zsolt Matyas* ^{1,2} , Loredana F. Leopold ^{1,2} , Development and characterization of high-protein bars enriched with edible insect flour , ¹ <i>Faculty of Food Science and Technology, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Romania</i> ; ² <i>Life Sciences Institute, University of Agricultural Sciences and Veterinary Medicine,</i>

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	<i>Cluj-Napoca, Romania</i>
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