



PROGRAM

International Summer School

- FOOD SAFETY AND HEALTHY LIVING -

FSHL – 2023

ON SITE and ONLINE

3-6 September 2023

Bucharest – Romania

Organizers



University of Medicine and Pharmacy
"Carol Davila"
Bucharest, Romania



Transilvania University of Brasov, Romania

Univerza v Ljubljani



University of Ljubljana, Slovenia



Universita degli Studi di Milano, Italy



Universidade de Lisboa, Portugal



Universite de Perpignan Via
Domitia, France

Collaborators



International Center of Biodynamics,
Bucharest, Romania



Romanian Society of
Ethnopharmacology



MINISTERUL EDUCAȚIEI



25 DE ANI DE EXPERIENȚĂ
ÎN REPARAȚII MEDICALE



Sponsors



Papa Jacques



PROGRAM

International Summer School FOOD SAFETY AND HEALTHY LIVING FSHL – 2023

ON-SITE and ONLINE

Location

- on-site – Bucharest, Romania
- online presentations – The platform will be announced every day using the personal email of the registered people

Time – Romanian time

Sunday, 3rd September, 2023

Location

- **on-site** – Amfiteatrul “Emil Palade”, Faculty of Medicine, “Carol Davila” University of Medicine and Pharmacy (address: “Eroii Sanitari” Boulevard, Number 8, sector 5)
- **online presentations** – The platform will be announced every day using the personal email of the registered people

13.00 - 13.30	Registration	
13.30 - 13.45	Opening	
13.45 - 14.00	C1	Healthy living considering food safety Laura GAMAN (1), Mihaela BADEA (2) (1) Faculty of Medicine, “Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania (2) Faculty of Medicine, Transilvania University of Brasov, Romania
14.00 -	C2	The laboratory – partner of the clinician in the diagnosis of

14.30	ONLINE	gastrointestinal diseases Antoanela CURICI (1,2) (1) “Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania (2) Synevo Romania
14.30 - 15.00	C3	Nutritional assessment in advanced liver disease Sandica BUCURICA (1,2), Mariana JINGA (1,2), Florentina IONITA-RADU (1,2), Laura GAMAN (3), Mihaela PAVALEAN (1,2) (1) Department of Gastroenterology, “Carol Davila” University of Medicine and Pharmacy Bucharest, Bucharest, Romania (2) Department of Gastroenterology, “Carol Davila” University Central Emergency Military Hospital, Bucharest, Romania (3) Department of Biochemistry, “Carol Davila” University of Medicine and Pharmacy Bucharest, Bucharest, Romania
15.00 - 15.30	C4	Functional food components, dysbiosis in patients with inflammatory bowel disease and cancer Camelia RÂTEA Pronutrition Prevention Center, Targu Mures, Romania
15.30 - 15.45	COFFEE BREAK	
15.45 - 16.15	C5	New trends in uric acid electroanalysis Ligia CHELMEA (1,2,3), Mihaela BADEA (1,2), Ioan SCARNECIU (4) (1) Department of Fundamental, Prophylactic and Clinical Disciplines, Faculty of Medicine, Transilvania University of Brasov, Romania (2) Research Center for Fundamental Research and Prevention Strategies in Medicine, Research and Development Institute of the Transilvania University of Brasov (3) Department of Infectious Diseases, Pulmonology and Infectious Diseases Clinical Hospital of Brasov, Romania (4) Department of Medical and Surgical Specialties, Faculty of Medicine, Transilvania University of Brasov, Romania
16.15 - 16.45	C6 ONLINE	Aspects regarding the superior valorization of marine biomass in human nutrition Liviu GACEU Faculty of Food and Tourism, Transilvania University of Brasov, Romania
16.45 - 17.15	C7 ONLINE	The importance of fish in human nutrition with special emphasis on essential fatty acids

Dijana BLAZHEKOVIKJ – DIMOVSKA

Faculty of Biotechnical Sciences, University “St. Kliment Ohridski”, Bitola,
Republic of North Macedonia

Monday, 4th September, 2023

Location

- **on-site** – Sala “Ion Mincu”, Capital Plaza Hotel (address: “Iancu de Hunedoara”
Boulevard, Number 54, sector 1)

- **online presentations** – The platform will be announced every day using the personal
email of the registered people

8.30 - 9.00	C8	Valorization approaches of bioactive compounds recovered from by-products of olive oil industry and their application as functional ingredients in food matrices Ariola DEVOLLI (1), Edlira SHAHINASI (1), Katerina PIKULI (2) (1) Department of Chemistry, Faculty of Biotechnology and Food, Tirana Agricultural University, Albania (2) Department of Agrifood, Faculty of Agriculture, Fan S.Noli University of Korça, Albania
9.00 - 9.30	C9	Increasing consumer and business awareness on health effects and environmental impact of reheated cooking oil and its use as an alternative source on bio-based products Edlira SHAHINASI (1), Ariola DEVOLLI (1), Elias MAZLOUM (2), Armida ALIKAJ (2) (1) Department of Chemistry, Faculty of Biotechnology and Food, Tirana Agricultural University, Albania (2) Social Development Investment (Non-Government Organisation), Tirana, Albania
9.30 - 10.00	C10 ONLINE	Transformations of pesticides within food processing Polonca TREBŠE Faculty of Health Sciences, University of Ljubljana, Slovenia

10.00 - 10.30	C11 ONLINE	Mastication / food preparation and cognitive impairment Corrado PAGANELLI (1), Teresa VALLELONGA (2), Maria Grazia PIANCINO (2) (1) Faculty of Medicine, University of Brescia, Italy (2) Faculty of Medicine, University of Turin, Italy
10.30 - 10.45	COFFEE BREAK	
10.45 - 11.15	C12 ONLINE	Nutritional tools for infertility management Monica TARCEA, Irina MATRAN, Roxana MARTIN-HADMAS Department of Community Nutrition and Food Safety, "G.E. Palade" University of Medicine, Pharmacy, Science and Technology, Targu Mures, Romania
11.15 - 11.45	C13	Forest fruits and their applicability in dermatology Cristina-Ştefania GĂLBĂU, Lorena DIMA, Andreea NECULAU, Marius IRIMIE, Mihaela BADEA Faculty of Medicine, Transilvania University of Brasov, Romania
11.45 - 12.15	C14	Heavy metals and human health Mihaela HORHOCEA (1,2), Daniel HORHOCEA (1,2), Gabriela MARIN-STEFAN (1,2), Laurențiu NEDELCU (1,2), Mihaela BADEA (1) (1) Faculty of Medicine, Transilvania University of Brasov, Romania (2) Clinical County Hospital of Braşov, Romania
12.15 - 12.45	C15	Rare diseases, diagnosis and monitoring, a continuous challenge Corina DELIA (1,2), Geanina TOMA (1), Madalina VLAD (1,2), Mihaela CUTIERU (1), Michaela NANU (1), Daniela IORGULESCU (1) Florentina MOLDOVANU (1), Ioana ARDELEANU (1,3) (1) National Institute for Mother and Child Health Alessandrescu Rusescu, Bucharest, Romania (2) Faculty of Biology, University of Bucharest, Romania (3) "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania
12.45 - 14.00	LUNCH BREAK	
14.00 - 14.30	C16	Prevention of foodborne illnesses through targeted interventions aiming to change consumer practices during cooking and storing food

		Anca Ioana NICOLAU Faculty of Food Science and Engineering, “Dunărea de Jos” University of Galati, Romania
14.30 - 15.00	C17	Contribution of high-pressure assisted technologies toward achieving food safety objectives Daniela BORDA Faculty of Food Science and Engineering, “Dunărea de Jos” University of Galati, Romania
15.00 - 15.30	C18 ONLINE	Comparative study of vitamin D status in children during the pandemic and after the pandemic period Madalina VLAD (1,2), Corina DELIA (1,2), Daniela HAIDAUTU (1), Nicoleta LACATUS (1), Geanina TOMA (1) (1) National Institute for Mother and Child Health Alessandrescu Rusescu, Bucharest, Romania (2) Faculty of Biology, University of Bucharest, Romania
15.30 - 16.00	C19 ONLINE	Gonadotropins in pediatric population – characteristics and particularities Madalina VLAD (1,2), Anisoara CIMPEAN (2), Corina DELIA (1,2), Daniela HAIDAUTU (1), Nicoleta LACATUS (1) (1) National Institute for Mother and Child Health Alessandrescu Rusescu, Bucharest, Romania (1) Faculty of Biology, University of Bucharest, Romania
16.00 - 16.30	C20	Chemical and biological characterization of bioactivities from natural sources Lea POGAČNIK (1), Rui F.M. SILVA (2) (1) Department of Food Science and Technology, Biotechnical Faculty, University of Ljubljana, Ljubljana, Slovenia (2) Research Institute for Medicines (iMed.Ulisboa) and Department of Pharmaceutical Sciences and Medicines (DCFM), Faculty of Pharmacy, Universidade de Lisboa, Lisbon, Portugal
16.30 - 17.00	C21	Basics of sensory processing: the chemical senses Rui F.M. SILVA (1), Lea POGAČNIK (2) (1) iMed.Ulisboa and DBBH, Faculty of Pharmacy, University of Lisbon, Portugal (2) Department of Food Science and Technology, Biotechnical Faculty, University of Ljubljana, Slovenia

Tuesday, 5th September, 2023

Location

- **on-site** – Sala “Ion Mincu”, Capital Plaza Hotel (address: “Iancu de Hunedoara” Boulevard, Number 54, sector 1)

- **online presentations** – The platform will be announced every day using the personal email of the registered people

8.30 - 9.00	C22	<p>Biosensors – an opportunity for the future</p> <p>Jean Louis MARTY (1,2)</p> <p>(1) Sensbiotech, Ceret, France</p> <p>(2) Université de Perpignan, Perpignan Cedex, France</p>
9.00 - 9.30	C23	<p>Rapid detection of mycotoxins – from research to applications</p> <p>Gaëlle CATANANTE (1), Jean Louis MARTY (2,3)</p> <p>(1) BAE équipe projet Biocapteur analyse environnement, Université de Perpignan and LBBM Observatoire Océanologique de Banyuls-sur-Mer Pierre Fabre 66650 Banyuls/Mer, France</p> <p>(2) Sensbiotech, Ceret, France</p> <p>(3) Université de Perpignan Via Domitia, Perpignan, France</p>
9.30 - 10.00	C24	<p>Electrochemical sensors – a weapon in the fight against antimicrobial resistance</p> <p>Bogdan FEIER, Denisa CAPATINA, Alexandra CANCIU, Mihaela TERTIS, Andreea CERNAT, Oana HOSU, Cecilia CRISTEA</p> <p>Department of Analytical Chemistry, Faculty of Pharmacy, “Iuliu Hatieganu” University of Medicine and Pharmacy, Cluj-Napoca, Romania</p>
10.00 - 10.30	C25 ONLINE	<p>Determination of antioxidant properties by spectrometric and electrochemical methods. Correlations among results</p> <p>Constantin APETREI, Irina Georgiana MUNTEANU, Alexandra Virginia BOUNEGRU</p> <p>Department of Chemistry, Physics and Environment, Faculty of Sciences and Environment, “Dunărea de Jos” University of Galați, Romania</p>
10.30- 10.45	COFFEE BREAK	
10.45 - 11.15	C26	<p>Valorization of food processing by-products</p> <p>Chiara DI LORENZO (1,2), Corinne BANI (1), Francesca</p>

		<p>MERCOGLIANO (1), Patrizia RESTANI (1,2)</p> <p>(1) Department of Pharmacological and Biomolecular Sciences “Rodolfo Paoletti”, Università degli Studi di Milano, Milan, Italy</p> <p>(2) Coordinating Research Center “Innovation for Well-Being and Environment” (CRC), Università degli Studi di Milano, Milan, Italy</p>
11.15 - 11.45	C27	<p>Vitamin D in the context of COVID-19 on pediatric patients</p> <p>Maria TOTAN (1, 2), Ionela MANIU (3, 4)</p> <p>(1) Faculty of Medicine, “Lucian Blaga” University of Sibiu, Sibiu, Romania</p> <p>(2) Clinical Laboratory, Clinical Pediatric Hospital, Sibiu, Romania</p> <p>(3) Mathematics and Informatics Department, Research Center in Informatics and Information Technology, Faculty of Sciences, “Lucian Blaga” University, Sibiu, Romania</p> <p>(4) Pediatric Research Team, Clinical Pediatric Hospital, Sibiu, Romania</p>
11.45 - 12.15	C28	<p>Anticancer mechanisms of natural compounds</p> <p>Teodora-Cristiana GRĂDINARU (1), Mădălina PETRAN (1), Dorin DRAGOȘ (2,3), Marilena GÎLCĂ (1)</p> <p>(1) Department of Functional Sciences I/Biochemistry, Faculty of Medicine, “Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania</p> <p>(2) Department of Medical Semiology, Faculty of Medicine, “Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania</p> <p>(3) 1st Internal Medicine Clinic, University Emergency Hospital Bucharest, “Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania</p>
12.15 - 12.45	C29	<p>L - Citrulline – new wonder supplement for cardiovascular health?</p> <p>Elena VASILICĂ</p> <p>Department of Functional Sciences I/Biochemistry, Faculty of Medicine, “Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania</p>
12.45 - 14.00	LUNCH BREAK	
14.00 - 14.30	C30 ONLINE	<p>Ketogenic diet as a therapeutic tool</p> <p>Patrizia RESTANI, Corinne BANI, Francesca MERCOGLIANO, Chiara DI LORENZO</p> <p>Department of Pharmacological and Biomolecular Sciences, Università</p>

		degli Studi di Milano, Milan, Italy
14.30 - 15.00	C31 ONLINE	Nutritional benefits in patients with chronic conditions Andrea Elena NECULAU, Anca Maria LACATUS, Laura ISOP Department of Fundamental, Clinical and Prophylactic Sciences, Transilvania University of Brasov, Romania
15.00 - 15.30	C32 ONLINE	Nutrition and food safety during pregnancy Laura Ioana GAVRILAȘ Department of Bromatology, Hygiene, Nutrition, Faculty of Pharmacy, “Iuliu Hatieganu” University of Medicine and Pharmacy, Cluj-Napoca, Romania
15.30 - 16.00	C33 ONLINE	Do microplastics in vineyard soil affect the bioavailability of vine nutrition? Erika JEZ (1), Elisa PELLEGRINI (2), Lorena BUTINAR (1), Jan RESCIC (1), Marco CONTIN (2) (1) University of Nova Gorica, Nova Gorica, Slovenia (2) Department of Agricultural, Food, Environmental and Animal Sciences, University of Udine, Udine, Italy
16.00 - 16.30	C34 ONLINE	Yeast-produced volatiles can act as antifungal bioagents against phytopathogen Botrytis cinerea Mitja MARTELANC University of Nova Gorica, School for viticulture and enology, Wine research centre, Vipava, Slovenia

Wednesday, 6th September, 2023

Location

- **on-site** – Sala “Ion Mincu”, Capital Plaza Hotel (address: “Iancu de Hunedoara” Boulevard, Number 54, sector 1)

- **online presentations** – The platform will be announced every day using the personal email of the registered people

9.00 - 9.30	C35	Lateral flow assay and food safety Arash MOHAMMADINEJAD Faculty of Medicine, Research and Development Institute of the Transilvania University of Brasov, Romania
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9.30 - 10.00	C36	<p>Aptamer-based detection of lysozyme</p> <p>Alina VASILESCU</p> <p>International Centre of Biodynamics, Bucharest, Romania</p>
10.00 - 10.30	C37 ONLINE	<p>Investigating the potential use of propolis in veterinary medicine</p> <p>Vesna KARAPETKOVSKA – HRISTOVA (1), Ivan PAVLOVIĆ (2)</p> <p>(1) Faculty of Biotechnical Sciences, University “St. Kliment Ohridski”, Bitola, N. Macedonia</p> <p>(2) Department of Microbiology and Parasitology, Scientific Institute of Veterinary Medicine of Serbia, Serbia</p>
10.30 - 11.00	C38 ONLINE	<p>Resilience and burnout. A systemic approach since the academic training period</p> <p>Liliana ROGOZEA (1,2), Florin LEASU (1,2), Mihaela BADEA (1), Daniela POPA (1)</p> <p>(1) Transilvania University of Braşov, Brasov, Romania</p> <p>(2) Brasov Pneumophthisiology and Infection Disease Clinical Hospital, Brasov, Romania</p>
11.00 - 11.15	CLOSING REMARKS	