



PROGRAM

International Summer School - FOOD SAFETY AND HEALTHY LIVING FSL – 2021

ONLINE

Sunday, July 4, 2021

10.30-10.45	OPENING	
10.45-11.00	C1	„FOOD SAFETY AND HEALTHY LIVING”- a challenge of our life Mihaela BADEA (1), Laura GAMAN (2) (1) Faculty of Medicine, Transilvania University of Brasov, Romania (2) Faculty of Medicine, “Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania
11.00-12.00		Students - Group presentations - country-city- institution-participants Italy Slovenia Albania North Macedonia Moldova Sudan Lituania Romania – Bucharest – USAMV Romania – Targu Mures Romania – Galati Romania – Bucharest – UMF Carol Davila Romania – Brasov - UNITBv
12.00-12.15	C2	Ethnopharmacology - science today Angela MĂRCULESCU, Liviu GACEU Romanian Society of Ethnopharmacology, Romania Transilvania University of Brasov, Romania

12.15-12.45	C3	Bullying during the pandemic time. Actions to reduce it Liliana ROGOZEA Faculty of Medicine, Transilvania University of Brasov, Romania
12.45-13.15	C4	Insulin-dependent Glucose uptake in mammalian projection sensory neurons - metabolic sensor or energy booster? Tudor Constantin BADEA (1,2), Vladimir V. MUZYKA (1,3) (1) Retinal Circuits Development and Genetics Unit, N-NRL/NEI/NIH, Bethesda, MD, USA (2) ICDT, Faculty of Medicine, Transilvania University of Brasov, Romania (3) Institute of Cytology and Genetics, Novosibirsk State University, Noveosibirsk, Russia
13.15-13.30		Projects of Transilvania University of Brasov – BE IN CENTER!! - Dissemination activity of student's projects

Monday, July 5, 2021

9.30- 12.00		Let's talk about water in the digital age: a multidisciplinary approach
9.30-10.00	C5	Legal problems and legal solutions for the regulation of water resources as a common good. Regulation vs privatization. Lorenza VIOLINI Dipartimento di Diritto Pubblico Italiano e Sovranazionale, Research Center “Innovation for Well-Being and Environment” (I-WE), Università degli Studi di Milano, Milano, Italy
10.00-10.30	C6	Big data analysis and land monitoring for one health approach. Caterina AM LAPORTA Dept. Environmental Science and Policy, Research Center “Innovation for Well-Being and Environment” (I-WE), Università degli Studi di Milano, Milano, Italy
10.30-11.00	C7	Atmospheric Nitrogen Wet-Depositions: monitoring of the infiltration and redistribution processes in soils Stefania STEVENAZZI (1), Corrado CAMERA (1,2), Marco MASETTI (1,2), Roberto S. AZZONI (1), Elena S. FERRARI (1), Massimo TIEPOLO (1) (1) Dipartimento di Scienze della Terra “A. Desio”, Università degli Studi di Milano, Milan, Italy (2) CRC “Innovation for well-being and environment”, Università degli Studi di Milano, Milan, Italy
11.00-11.30	C8	Xenobiotics in water: their effect on animal and human wellbeing Patrizia RESTANI (1,2), Francesca COLOMBO (1), Simone BIELLA (1), Corrine BANI (1), Chiara DI LORENZO (1) (1) Università degli Studi di Milano, Department of Pharmacological and Biomolecular Sciences, Milan, Italy (2) CRC “Innovation for Well-being and Environment”, Università degli Studi di Milano, Milan, Italy

11.30-12.00	C9	Water as a habitat: effects of global warming on animal behavior Simona NONNIS (1,2), Elisa MAFFIOLI (1,4), Francesca GRASSI SCALVINI (1), Mattia TONI (3), Gabriella TEDESCHI (1,2,4) (1) Department of Veterinary Medicine, Università degli Studi di Milano, Lodi, Italy; (2) CRC “Innovation for well-being and environment”, Università degli Studi di Milano, Milan, Italy; (3) Department of Biology and Biotechnology “Charles Darwin”, Sapienza University, Rome, Italy; (4) CIMAINA, Università degli Studi di Milano, Milano, Italy
12.00-12.15	Coffee break and discussions	
12.15-14.45	Novel food – increasing food characteristics and applications	
12.15-12.45	C10	Iodine food fortification: technological approaches, nutritional effects and safety aspects Cristina POPOVICI Technical University of Moldova, Faculty of Food Technology, Department of Food and Nutrition, Chisinau, Republic of Moldova
12.45-13.15	C11	Insect biomass quality and safety: present and future challenges Luciano PINOTTI, L. FERRARI, F. CHELI, M. OTTOBONI (1) Department of Health, Animal Science and Food Safety, University of Milan, Italy; (2) CRC I-WE (Coordinating Research Centre: Innovation for Well-Being and Environment), University of Milan, Milan, Italy
13.15-13.45	C12	Potential of algae substances in active cosmetics Polonca TREBŠE Faculty of Health Sciences, University of Ljubljana, Slovenia
13.45-14.15	C13	Ancient and modern cereals and their safety for celiac consumers Francesca COLOMBO, Chiara DI LORENZO, Simone BIELLA, Corinne BANI, Patrizia RESTANI Dept. of Pharmacological and Biomolecular Sciences, Università degli Studi di Milano, Milano, Italy
14.15-14.45	C14	Dietary fibers: classification, sources and impact on human health Chiara Di LORENZO (1), Francesca COLOMBO (1), Simone BIELLA (1), Corinne BANI (1), Patrizia RESTANI (1,2) (1) Università degli Studi di Milano, Department of Pharmacological and Biomolecular Sciences, Milan, Italy (2) CRC “Innovation for well-being and environment”, Università degli Studi di Milano, Italy

Tuesday, July 6, 2021

9.00- 11.30		Nutritional guidelines and environmental factors
9.00-9.30	C15	<p>International Guidelines for pregnancy and lactation during COVID Pandemia Patrizia RESTANI (1,2), Francesca. COLOMBO (1), Simone BIELLA (1), Corinne BANI (1), Mihaela BADEA (3), Chiara DI LORENZO (1) (1) Università degli Studi di Milano, Department of Pharmacological and Biomolecular Sciences, Italy (2) CRC “Innovation for Well-being and Environment”, Università degli Studi di Milano, Italy (3) Fundamental, Prophylactic and Clinical Specialties Department, Faculty of Medicine, Transilvania University of Brasov, Romania</p>
9.30-10.00	C16	<p>Principles of alimentation in pre-school children - between theory and reality Bianca Elena POPOVICI Faculty of Medicine, Transilvania University of Brasov, Romania</p>
10.00-10.30	C17	<p>The importance of maternal genetics and epigenetics in predicting food intakes in toddlers. A new layer of complexity in nutrition? Mihai NICULESCU (1,2) (1) Advanced Nutrigenomics, Durham, NC, USA (2) SPHERES, Timisoara, Romania</p>
10.30-11.00	C18	<p>Nutritional guidance during COVID-19 pandemic- review of evidence-based resources Andrea NECULAU, Anca LACATUS Faculty of Medicine, Transilvania University of Brasov, Romania</p>
11.00-11.30	C19	<p>Malnutrition diagnosis tools and nutritional intervention Monica TARCEA, Roxana MARTIN-HADMAȘ, Irina MATRAN Department of Community Nutrition and Food Safety, Faculty of Medicine, University of Medicine, Pharmacy, Science and Technology from Targu Mures, Romania</p>
11.30-11.45	Coffee break and discussions	

11.45-15.15	Bioactive compounds in food	
11.45-12.15	C20	Dietary polyphenols in human health. Role in neurodegenerative diseases and safety usage Rui FM SILVA (1), Lea POGAČNIK (2) (1) Research Institute for Medicines (iMed.U LISBOA) and Department of Pharmaceutical Sciences and Medicines (DCFM), Faculty of Pharmacy, Universidade de Lisboa, Lisbon, Portugal (2) Department of Food Science and Technology, Biotechnical Faculty, University of Ljubljana, Ljubljana, Slovenia
12.15-12.45	C21	Bioavailability and biological activity of natural polyphenols from different sources Lea POGAČNIK (1), Rui FM SILVA (2) (1) Department of Food Science and Technology, Biotechnical Faculty, University of Ljubljana, Ljubljana, Slovenia (2) Research Institute for Medicines (iMed.U LISBOA) and Department of Pharmaceutical Sciences and Medicines (DCFM), Faculty of Pharmacy, Universidade de Lisboa, Lisbon, Portugal
12.45-13.15	C22	Beneficial effects of resveratrol intake against endometriosis Marius Alexandru MOGA (1), Nicusor BAGIU (1), Andreea BALAN (1), Carmen MARTINESCU (1), Dana FESTILA (2), Lorena DIMA (1) (1) Faculty of Medicine, Transilvania University of Brasov, Romania (2) Faculty of Dentistry, University of Medicine and Pharmacy of Cluj-Napoca, Romania
13.15-13.45	C23	Supplementation with resveratrol, piperine and alpha-tocopherol decreases chronic inflammation in a cluster of older adults with metabolic syndrome Raúl Francisco PASTOR (1), Marisa Gabriela REPETTO (2), Fabiana LAIRION (2), Alberto LAZAROWSKI (3), Amalia MERELLI (3), Zulma Manfredi CARABETTI (1), Isabel PASTOR (1), Elena PASTOR (1), Laura Valeria IERMOLI (1), Carlos Amadeo BAVASSO (1), Roberto Héctor IERMOLI (1) (1) Unidad Polifenoles, Vino y Salud, Cuarta Cátedra de Medicina, Hospital de Clínicas “José de San Martín” Facultad de Medicina, Universidad de Buenos Aires, Argentina. (2) Departamento de Físicoquímica y Química Analítica, Facultad de Farmacia y Bioquímica, Universidad de Buenos Aires; Instituto de Bioquímica y Medicina Molecular (IBIMOL) Consejo Nacional de Ciencia y Tecnología (UBA-CONICET), City of Buenos Aires, Argentina. (3) Departamento de Bioquímica Clínica, Facultad de Farmacia y Bioquímica, Universidad de Buenos Aires, Instituto de Fisiopatología y Bioquímica Clínica (INFIBIOC), Buenos Aires, Argentina
13.45-14.15	C24	The role of bioactive dietary components in cancer prevention Laura Ioana GAVRILAȘ, Lorena FILIP, Ana Maria COZMA, Oana STANCIU, Roxana BANC, Daniela CIOBÂRCĂ, Doina MIERE Department of Bromatology, Hygiene, Nutrition, Iuliu Hațieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania

14.15-14.45	C25	Supplements in obesity muscle dysfunction Bogdana VIRGOLICI (1), Adriana DINU (1), Daniela MIRICESCU (1), Alexandra TOTAN (1), Elvira GAGNIUC (2), Horia VIRGOLICI (1), Mihaela BALABAN (1), Maria GREABU (1), Maria MOHORA (1) (1) University of Medicine and Pharmacy “Carol Davila”, Bucharest, Romania (2) University of Agricultural Sciences and Veterinary Medicine, Bucharest, Romania
14.45-15.15	C26	Dietary choline / betaine and cardio-metabolic subclinical and clinical events in two large US cohorts Aurelian BIDULESCU, Cuiqiong HUO Indiana University Bloomington School of Public Health, Bloomington, IN, USA

Wednesday, July 7, 2021

9.00- 12.00		Laboratory techniques for food safety
9.00-9.30	C27	Planar chromatography and its application in medicinal plants identification Simona Codruta Aurora COBZAC Faculty of Chemistry and Chemical Engineering, “Babes-Bolyai” University, Cluj Napoca, Romania
9.30-10.00	C28	Advances and technological innovations in glucose monitoring system Graziella Liana TURDEAN “Babes Bolyai” University, Faculty of Chemistry and Chemical Engineering, Department of Chemical Engineering, Center of Electrochemistry and Non-Conventional Materials, Cluj-Napoca, Romania
10.00-10.30	C29	Mycotoxin analysis: an overview on the novel detection constructs Jean-Louis MARTY 1-Sensbiotech, France 2-Université de Perpignan Via Domitia, France
10.30-11.00	C30	Emerging pollutants from pesticides to microplastics Mojca BAVCON KRALJ University of Ljubljana, Faculty of Health Sciences, Ljubljana, Slovenia
11.00-11.30	C31	Voltamperometric sensors based on conducting polymers used in food analysis Constantin APETREI Department of Chemistry, Physics and Environment, Faculty of Sciences and Environment, “Dunărea de Jos” University of Galati, Galati, Romania

11.30-12.00	C32	Laboratory diagnostic of uncommon foodborne pathogens Maximilian TELESU Synevo Central Laboratory, Synevo Romania
12.00-12.30	C33	Functionalized sensors as versatile tools for food analysis Cecilia CRISTEA, Oana HOSU, Mihaela TERTIS, Bogdan FEIER, Andreea CERNAT Analytical Chemistry Department, Faculty of Pharmacy, Iuliu Hatieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania
12.30-12.45	Coffee break and discussions	
12.45- 14.15	Food toxicology – pollutants – contaminants - residues	
12.45-13.15	C34	Hygienic design for sustainable development Liviu GACEU Faculty of Food and Tourism, Transilvania University of Brasov, Romania
13.15-13.45	C35	The role and significance of food handler in food safety management system Andrej OVCA Faculty of Health Sciences, University of Ljubljana, Slovenia
13.45-14.15	C36	Food processing as a tool on reduction of pesticide residues Edlira SHAHINASI Tirana Agricultural University, Faculty of Biotechnology and Food, Department of Chemistry, Tirana, Albania

Thursday, July 8, 2021

9.00- 12.00		Food toxicology – pollutants – contaminants - residues
9.00- 9.30	C37	Human biomonitoring - a tool for exposure assessment to mycotoxins Oana Maria MÎRZA, Lorena FILIP, Anamaria COZMA-PETRUȚ, Roxana BANC, Laura GAVRILAȘ, Daniela CIOBÂRCĂ, Doina MIERE Department of Bromatology, Hygiene, Nutrition, Faculty of Pharmacy, „Iuliu Hațieganu” University of Medicine and Pharmacy, Cluj-Napoca, Romania
9.30- 10.00	C38	Role of heavy metals in wine quality and their impact on human health Ariola DEVOLLI Department of Chemistry, Faculty of Biotechnology and Food, Tirana Agricultural University, Albania
10.00- 10.30	C39	Parasitic fauna of fish and risks to public health Dijana BLAZHEKOVIKJ - DIMOVSKA Faculty of Biotechnical Sciences, University "St. Kliment Ohridski", Bitola, N. Macedonia
10.30- 11.00	C40	Application of hurdle technology, preservation and food safety Fatbardha LAMÇE Faculty of Biotechnology and Food, Food Research Center, Tirana, Albania, Agricultural University of Tirana
11.00- 11.30	C41	Traditional beekeeping technology and honey quality in Macedonia Vesna KARAPETKOVSKA - HRISTOVA Faculty of Biotechnical Sciences, University "St. Kliment Ohridski", Bitola, N. Macedonia
11.30- 12.00	C42	Supplementation of amino acids intake in liver disease Elena VASILICA “Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania
12.00- 12.30	C43	Celiac disease –diagnosis and gluten free diet Ruxandra CIOARCA-NEDELCU “Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania
12.30		Closing remarks