



PROGRAM

International Summer School

- FOOD SAFETY AND HEALTHY LIVING -

FSHL – 2022

ON SITE and ONLINE

5-8 September 2022

Braşov – Romania

Organizers



Transilvania University of Brasov,
Romania



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



Università Degli Studi di Milano, Italy



Université de Perpignan Via Domitia,
France

Collaborators



The National Institute for Research and
Development for Optoelectronics
– INOE 2000, Măgurele, Romania



International Center of Biodynamics,
Bucharest, Romania



Romanian Society of
Ethnopharmacology

Spectro Optica Serv SRL



Sponsors



Papa Jacques



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Location

- Aula “Sergiu Chiriacescu” of the Transilvania University of Braşov, Romania (Strada Iuliu Maniu 41A)
- online presentations – platform will be announced every day using personal email of the registered people

Time – Romanian time

Monday, Sept. 5, 2022

9.00- 9.30	Registration	
9.30- 9.45	Opening	
9.45- 10.00	C1	FOOD SAFETY - A SUCCESSFUL WAY FOR HEALTHY LIVING 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
10.00- 10.20	C2	LIFESTYLE AND HEALTHY LIVING – DURING PANDEMIC AND POST-PANDEMIC ERA Liliana ROGOZEA, Dana SPANU, Eleonora DINU, Ioana AGACHE Faculty of Medicine, Transilvania University of Brasov, Brasov, Romania
10.20- 10.40	C3	CARDIOVASCULAR PROTECTIVE DIET - PROS AND CONS Andrea NECULAU, Anca Maria LĂCĂTUŞ, Laura ISOP Faculty of Medicine, Transilvania University of Brasov, Brasov, Romania
10.40- 11.00	C4	OXIDATIVE STRESS BENEFITS ON HUMAN HEALTH Mihaela HORHOCEA (STEFAN), Gabriela MARIN-STEFAN, Laurentiu NEDELICU, Mihaela BADEA

		Faculty of Medicine, Transilvania University of Brasov, Brasov, Romania
11.00- 11.20	C5	SAFETY FOOD AND MENTAL HEALTH Cristina ADOCHITE, Mihaela BADEA Faculty of Medicine, Transilvania University of Brasov, Brasov, Romania
11.20- 11.40	COFFEE BREAK	
11.40- 12.00	C6	GARLIC - WHEN FOOD BECOMES MEDICINE Elena VASILICA, Laura Elena GAMAN Carol Davila University of Medicine and Pharmacy, Bucharest, Romania
12.00- 12.20	C7	SACCHARINA LATISSIMA SEAWEED, NEW FOOD INGREDIENT Oana Bianca OPREA Faculty of Food and Tourism, Transilvania University of Brasov, Romania
12.20- 12.40	C8	INSULIN AND ITS ROLES IN THE CENTRAL NERVOUS SYSTEM Anamaria TARANCIUC (ȘIȘMAN) (1), Tudor C. BADEA (1,2) 1- Transilvania University, Faculty of Medicine, Brasov, Romania; 2-National Center for Brain Research, ICIA, Romanian Academy
12.40- 13.00	C9	RELATION BETWEEN INSULIN RESISTANCE AND OBESOGENIC DIET – EXPERIMENTAL STUDY Maria Zinaida DOBRE (1), Bogdana VIRGOLICI (1), Elvira GUBCEAG (2), Daniela GRADINARU (1), Maria MOHORA (1) 1- University of Medicine and Pharmacy "Carol Davila", Bucharest, Romania 2- University of Agronomic Sciences and Veterinary Medicine, Bucharest, Romania
13.00- 14.30	LUNCH	
14.30- 15.00	C10	DNAZYMES AND NANOZYMES IN FOOD FONTAMINANTS ANALYSIS Jean-Louis MARTY (1,2) 1- Sensbiotech, Ceret, France; 2- Université de Perpignan, Perpignan Cedex, France
15.00- 15.30	C11	ELECTROANALYSIS OF LIPOPHILIC VITAMINS AND RELATED COMPOUNDS Radovan METELKA Department of Analytical Chemistry, Faculty of Chemical Technology, University of Pardubice, Pardubice, Czech Republic
15.30- 16.00	C12	DEVELOPMENT OF BIOMIMETIC ANALYTICAL DEVICES Milan SYS Department of Analytical Chemistry, Faculty of Chemical Technology, University of Pardubice, Pardubice, Czech Republic
16.00- 16.30	C13	DIET IMPACT ON THYROID FUNCTION Vanja TODOROVIC Department of Bromatology, University of Belgrade – Faculty of Pharmacy, Serbia

Tuesday, Sept. 6, 2022

9.00- 9.20	C14	IRRITABLE BOWEL SYNDROME (IBS) AND INFLAMMATORY BOWEL DISEASE (IBD) - SIMILARITIES AND DIFFERENCES Sandica BUCURICA Central University Emergency Military Hospital Bucharest, Romania
9.20- 9.40	C15	NUTRITIONAL STATUS IN CROHN'S DISEASE Ruxandra CIOARCA-NEDELCU Carol Davila University of Medicine and Pharmacy, Bucharest, Romania
9.40- 10.00	C16	HYGIENIC DESIGN FOR FOOD SAFETY Liviu GACEU Faculty of Food and Tourism, Transilvania University of Brasov, Romania
9.40- 10.00	C17	OPTIMIZATION OF ELECTROCHEMICAL SENSORS FOR DETECTION OF BIOLOGICAL METABOLITES Ligia CHELMEA, Ioan SCARNECIU, Mihaela BADEA Faculty of Medicine, Transilvania University of Brasov, Brasov, Romania
10.00- 10.30	C18	PESTICIDES IN FOOD: SOURCES, FATE, HEALTH IMPACT Polonca TREBSE Faculty of Health Sciences, University of Ljubljana, Slovenia
10.30- 11.00	C19	BREAKING THE CODE OF TASTE IN TRADITIONAL MEDICINE AND GENOMICS Marilena GÎLCĂ Department of Functional Sciences I- Biochemistry, Faculty of Medicine, Carol Davila University of Medicine and Pharmacy, Bucharest, Romania
11.00- 11.30	C20	EFFECT OF A DIETARY SUPPLEMENT CONTAINING BLUEBERRY AND SEA BUCKTHORN ON METABOLIC BALANCE AND ANTIOXIDANT CAPACITY OF DIABETIC PATIENTS Eniko NEMES NAGY (1), Terézia SZŐCS-MOLNÁR (2), Iulia DUNCA (2), Roman MORAR (3), Dana Liana PUSTA (3), Elena Cristina CRĂCIUN (4) 1- "George Emil Palade" University of Medicine, Pharmacy, Sciences and Technology of Targu Mures, Faculty of Medicine, Romania; 2- County Clinical Hospital, Tîrgu Mureş 3- University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania; 4- University of Medicine and Pharmacy "Iuliu Hatieganu", Cluj-Napoca, Romania"
11.30- 11.45		COFFEE BREAK
11.45- 12.15	C21	SAMPLING OF FISH FOR DIAGNOSTIC PURPOSES Dijana BLAZHEKOVIKJ - DIMOVSKA Faculty of Biotechnical Sciences, University "St. Kliment Ohridski", Bitola, Republic of

		North Macedonia
12.15-12.45	C22	APICULTURE - KEY FOR SUSTAINABLE FOOD SYSTEM Vesna KARAPETRKOVSKA - HRISTOVA Faculty of Biotechnical Sciences, University "St. Kliment Ohridski", Bitola, Republic of North Macedonia
12.45-13.15	C23	METHODS FOR SENSORY EVALUATION OF FOODS Biljana TRAJKOVSKA Faculty of Biotechnical Sciences, University "St. Kliment Ohridski", Bitola, Republic of North Macedonia
13.15-14.30		LUNCH
14.30-15.00	C24	ALTERNATIVES AFFINITY LIGANDS FOR EFFICIENT ANALYTICAL TOOLS Gaëlle CATANANTE, Georges ISTAMBOULIE, Thierry NOGUER BAE-LBBM Laboratory, Université de Perpignan Via Domitia, Perpignan, France
15.00-15.30	C25	RECENT ADVANCES IN THE DETECTION OF ANTIOXIDANT POTENTIAL OF FRUITS AND VEGETABLES Magda.Marcia BECKER (1), Rubem Alves CAMELO (1), D. B. RIBEIRO (2), Marcelo TARGA (3), Gilvanda Silva NUNES (2) 1 - State Health Department of Roraima, Brazil 2 - Federal University of Maranhão, Brazil 3 - Taubaté University, Brazil
15.30-16.00	C26	ENOLOGICAL GRAPE WASTES – WHAT IS THE POSSIBILITY OF THEIR REUSE IN FOOD TECHNOLOGY? Branka MOZETIČ VODOPIVEC The University of Nova Gorica, School for viticulture and enology, Wine research centre, Vipava, Slovenia
16.00-16.30	C27	CHALLENGES AND OPPORTUNITIES RELATED TO THE WALNUT-BASED INNOVATIVE FOOD DEVELOPMENT Cristina POPOVICI Technical University of Moldova, Faculty of Food Technology, Department of Food and Nutrition, Chisinau, Republic of Moldova
16.30-17.00	C28	FOODS FOR THOUGHT-FOODS AGAINST BURNOUT SYNDROME Monica TARCEA, Irina MATRAN, Roxana MARTIN-HADMAȘ Department of Community Nutrition and Food safety, "George Emil Palade" University of Medicine, Pharmacy, Sciences and Technology of Targu Mures, Romania
17.00-17.30	C29	WAYS TO IMPROVE ATTITUDES TOWARDS OBESITY IN TEENAGERS Monica TARCEA, Roxana MARTIN-HADMAȘ, Anișoara POP Department of Community Nutrition and Food safety, "George Emil Palade" University of Medicine, Pharmacy, Sciences and Technology of Targu Mures, Romania

Wednesday, Sept 7, 2022

9.00-9.30	C30	<p>VITAMIN D. BENEFITS, SOURCES AND SYMPTOMS OF DEFICIENCY</p> <p>Maria TOTAN (1,2), Oana-Raluca ANTONESCU (1), Ionela MANIU (3,4), Elisabeta ANTONESCU (1,5)</p> <p>1 -Lucian Blaga University of Sibiu, Faculty of Medicine, Sibiu, Romania; 2-Clinical Pediatric Hospital, Clinical Laboratory, Sibiu, Romania; 3-Lucian Blaga University of Sibiu, Faculty of Sciences, Mathematics and Informatics Department, Research Center in Informatics and Information Technology, Sibiu, Romania 4- Pediatric Clinical Hospital Sibiu, Research team, 550166 Sibiu, Romania 5- County Clinical Emergency Hospital, Sibiu, Romania</p>
9.30-10.00	C31	<p>MICROBIOTA ANALYSIS - FUNCTIONAL EVALUATION OF THE DIGESTIVE TRACT</p> <p>Antoanela CURICI</p> <p>Carol Davila University of Medicine and Pharmacy, Bucharest, Romania; Synevo Romania SRL</p>
10.00-10.30	C32	<p>NUTRITIONAL AND DRUG MODULATION OF BODY WEIGHT AS A PROTECTIVE MEASURE FOR BEHAVIORAL RECOVERY AFTER CEREBRAL ISCHEMIA</p> <p>Aurel POPA WAGNER</p> <p>University of Medicine and Pharmacy Craiova, Romania; Essen University Medical School, Germany</p>
10.30-11.00	C33	<p>EXTRACTION AND CHARACTERIZATION OF BIOACTIVE SUBSTANCES FROM NATURAL SOURCES</p> <p>Lea POGACNIK (1), Rui SILVA (2)</p> <p>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</p>
11.00-11.30	C34	<p>BASICS OF SENSORY PROCESSING: SMELLING AND TASTING</p> <p>Rui SILVA (1), Lea POGACNIK (2)</p> <p>1- Research Institute for Medicines (iMed.Ulisboa) 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</p>
11.30-12.00		COFFEE BREAK

12.00-12.15	C35	SPECTROMETRIC AND ELECTROANALYTICAL METHODS FOR THE DETERMINATION OF VIRGIN OLIVE OILS ADULTERATION Constantin APETREI Department of Chemistry, Physics and Environment, Faculty of Sciences and Environment, "Dunărea de Jos" University of Galati, Galati, Romania
12.15-12.45	C36	ELECTROCHEMICAL SENSORS AND BIOSENSORS FOR WINES Alina VASILESCU International Centre of Biodynamics, Bucharest, Romania
12.45-13.15	C37	APTASENSORS IN FOOD SECURITY Gheorghe MELINTE (1,2), Oana HOSU (1), Mihaela TERTIS (1), Giovanna MARRAZZA (2), Cecilia CRISTEA (1) 1- Department of Analytical Chemistry, "Iuliu Hatieganu" University of Medicine and Pharmacy, Cluj-Napoca, Romania 2- Ugo Schiff"Department of Chemistry, University of Florence, Sesto Fiorentino (Fi), Italy
13.15-14.30		LUNCH
14.30-15.00	C38	HEAVY METALS IN LOMBARDY WATERS: BIGDATA APPROACH FOR MONITORING WATER POLLUTION AND IMPACT ON HEALTH Caterina AM LA PORTA Department of Environmental Science and Policy, Center for Innovation for Well-Being And Environment (CRC-I-WE); Center fro Complexity & Biosystems University of Milan, Italy
15.00-15.30	C39	LEGAL INTERSECTIONS ON ONE-HEALTH: A CONSTITUTIONAL LAW PERSPECTIVE Giada RAGONE, Lorenza VIOLINI Universita Degli Studi di Milano, Milan, Italy
15.30-16.00	C40	PRESERVATION OF DRINKING WATER: EXAMPLES AND APPLICATIONS OF NEW TECHNOLOGIES FOR THE QUALITY AND QUANTITATIVE MONITORING OF THE RESOURCE Andrea CITRINI, Corrado CAMERA, Samuele BERTOCCHI, Giovanni Pietro BERETTA Universita Degli Studi di Milano, Milan, Italy
16.00-16.30	C41	POLYPHENOLS IN HUMAN EVOLUTION Patrizia RESTANI (1,2), Francesca COLOMBO (1), Corinne BANI (1), Chiara DI LORENZO (1,2) 1- Dept. Pharmacological and Biomolecular Sciences, Università degli Studi di Milano, Italy

		2- CRC "Innovation for Well-Being and Environment", Università degli Studi di Milano, Italy
16.30-17.00	C42	POLYPHENOLS AND HEALTH BENEFITS Chiara DI LORENZO (1,2), Francesca COLOMBO (1), Corinne BANI (1), Patrizia RESTANI (1,2) 1- Dept. Pharmacological and Biomolecular Sciences, Università degli Studi di Milano, Italy 2- CRC "Innovation for Well-Being and Environment", Università degli Studi di Milano, Italy
17.00		Closing remarks

Thursday Sept. 8, 2022

- 8.30 - Visits at the Research and Development Institute of Transilvania University of Brasov (Str Institutului Nr. 10, Brasov)
- 9.30 - Workshop – **"First steps for young scientists in the field of Life Sciences – a partnership between high schools – universities - research institutes"**
- Social program