

Friday, November 14th, 2025

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10:00–13:00 WORKING SESSION

Working committee

Chairpersons: Chairpersons: Prof. dr. eng. Maria TURTOI, Lecturer dr. eng. Veronica FILIMON

KEYNOTE PAPERS

10:00–10:30	METROFOOD-RO Evolve – A research project aiming at strengthening the integration of the Romanian node METROFOOD-RO into the European research infrastructure METROFOOD-RI Maria TURTOI ^b Department of Applied Sciences, Cross–Border Faculty, “Dunărea de Jos” University of Galați, Romania
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10:30–10:40 Q&A SESSION

ORAL PRESENTATIONS

10:50–11:00	SUSTAINABLE STRATEGIES TO REDUCE FOOD WASTE IN HORECA. EUROPEAN INSIGHTS AND BEST PRACTICES Liliana OLEACOV ^{a,b} , Dimitrie STOICA ^a , Carmelia Mariana BĂLĂNICĂ DRAGOMIR ^a , Maricica STOICA ^a ^a “Dunărea de Jos University” of Galați, Romania ^b Iulia Hașdeu” Industrial-Pedagogical College of Cahul, Republic of Moldova
11:00–11:10	FOOD WASTE IN THE HORECA SECTOR. CHALLENGES AND FUTURE TRENDS Dimitrie STOICA ^a , Liliana OLEACOV ^{a,b} , Carmelia Mariana BĂLĂNICĂ DRAGOMIR ^a , Maricica STOICA ^a ^a “Dunărea de Jos University” of Galați, Romania ^b Iulia Hașdeu” Industrial-Pedagogical College of Cahul, Republic of Moldova
11:10–11:20	THE EFFECT OF THERMAL PROCESSING ON FUNCTIONAL CHARACTERISTICS OF PEA FLOUR Livia PATRAȘCU ^{a*} , Ina VASILEAN ^b , Iuliana APRODU ^b ^a Croos-Border Faculty, “Dunărea de Jos” University of Galați ^b Faculty of Food Science and Engineering, “Dunărea de Jos” University of Galați
11:20–11:30	NATURAL BLUE COLORANT FROM RED CABBAGE USED IN TEXTILE INDUSTRY Mariana DONE (DULMAN) ^a , Liliana MIHALCEA ^{a*} ^a Faculty of Food Science and Engineering, “Dunarea de Jos” University of Galati, Romania



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11:30-11:40	STUDIES REGARDING THE USE OF GRAPE BY-PRODUCTS FOR OBTAINING VALUE-ADDED DAIRY PRODUCTS Ina VASILEAN ^a , Livia PATRAȘCU ^b , Maria TURTOI ^b , Iuliana APRODU ^{a*} ^a Faculty of Food Science and Engineering, "Dunarea de Jos" University of Galati, Romania ^b Cross-border Faculty, "Dunarea de Jos" University of Galati, Romania
11:40-11:50	IN VITRO AND IN SILICO INVESTIGATIONS ON THE ENZYMES ASSISTED HYDROLYSIS OF SOY AND PEA PROTEINS Daniela ȚIULEANU, Ina VASILEAN, Iuliana BANU, Iuliana APRODU [*] Faculty of Food Science and Engineering, "Dunarea de Jos" University of Galati, Romania
11:50-12:00	EFFECT OF SOURDOUGH FERMENTATION ON THE RHEOLOGICAL AND BREADMAKING PROPERTIES OF QUINOA-SORGHUM MIXTURES Anca LUPU, Iuliana BANU, Ina VASILEAN, Gabriela RÂPEANU, Nicoleta STĂNCIUC, Iuliana APRODU [*] Faculty of Food Science and Engineering, "Dunarea de Jos" University of Galati, Romania
12:00-12:30	BREAK
12:30-12:40	IMPACT OF ENZYMATIC HYDROLYSIS ON THE WHOLE EGG PROTEINS FUNCTIONALITY WITHIN AN OIL-BASED EMULSION DRESSING Mihaela BRUMĂ (CĂLIN), Iuliana BANU, Nicoleta STĂNCIUC, Gabriela RÂPEANU, Ina VASILEAN, Iuliana APRODU [*] Faculty of Food Science and Engineering, "Dunarea de Jos" University of Galati, Romania
12:40-12:50	OVERLAP SYNDROMES IN MODERN DIETARY APPROACHES - A SYSTEMATIC REVIEW Cecilia CURIS ¹ , Lavinia Alexandra MOROIANU ^{1,2} , Dana Iulia MORARU ^{3*} ¹ Faculty of Medicine and Pharmacy, "Dunărea de Jos" University, România ² "Elisabeta Doamna" Psychiatry Hospital, Galați, România ³ Faculty of Food Science and Engineering, "Dunărea de Jos" University, Galați, România
12:50-13:00	FUNCTIONALIZATION OF COW'S MILK AND GOAT'S MILK YOGURT WITH MINT OIL AND SPIRULINA POWDER Cecilia CURIS ¹ , Cristian Vasile DIMA ² , Dana Iulia MORARU ^{2*} ¹ Faculty of Medicine and Pharmacy, "Dunărea de Jos" University, România ² Faculty of Food Science and Engineering, "Dunărea de Jos" University, Galați, România
13:00- 3:20	Q&A SESSION



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13:20–14:20	POSTERS
P1	FROM NANOMEDICINE TO AGRIFOOD. INSIGHTS INTO METAL OXIDE NANOPARTICLE TOXICITY AND SAFETY IMPLICATIONS Dimitrie STOICA, Angela Stela IVAN, Cezar Ionuț BICHESCU, Mariana STUPARU-CRETU, Maricica STOICA ^a “Dunărea de Jos University” of Galați, Romania
P2	THE EFFECT OF DIFFERENT BRINING SYSTEMS ON TEXTURE CHARACTERISTICS OF RABBIT SMOKED PRODUCTS Adrian ȚÎU, Livia PATRAȘCU* Croos-Border Faculty, “Dunărea de Jos” University of Galați, Romania
P3	VALIDATION OF THE CHILD EATING BEHAVIOUR QUESTIONNAIRE IN 2-TO 7-YEAR-OLD ROMANIAN CHILDREN Cornelia HODOROGEA (HUHULEA) ^a , Loredana DUMITRAȘCU ^b , Iulia-Lidia BLEOANCĂ ^b , Dana-Iulia MORARU ^b , Corina-Aurelia ZUGRAVU ^c , Maria TURTOI ^{d*} ^a Doctoral School of Fundamental and Engineering Sciences, in the field of Food Engineering, “Dunarea de Jos” University of Galati, Romania ^b Faculty of Food Science and Engineering, “Dunarea de Jos” University of Galati, Romania ^c Department of Fundamental Disciplines, Faculty of Midwifery and Nursing, Carol Davila University of Medicine and Pharmacy, Bucharest, Romania ^d Cross-Border Faculty, “Dunarea de Jos” University of Galati, Romania
P3	IMPACT OF NATURAL BORON APPLICATION ON ESSENTIAL OIL YIELD AND COMPOSITION IN AROMATIC PLANTS WITH POTENTIAL USE IN PLANT-BASED AGRIFOOD PRODUCTS Veronica FILIMON ^a , Simona BUTAN ^{b*} , Alexandra Virginia BOUNEGRU ^b ^a Cross-Border Faculty, “Dunarea de Jos” University of Galati, Romania ^b Faculty of Sciences and Environment, “Dunarea de Jos” University of Galati, Romania
P4	EXPLORING POSSIBILITIES OF SUSTAINABLE VALORISATION OF AGRIFOOD BY-PRODUCTS AND WASTES Irina-Claudia ALEXA ^{a*} , Luminița GROSU ^a , Daniela NICUȚĂ ^b , Oana-Irina PATRICIU ^a , Adriana-Luminița FÎNARU ^a ^a Universitatea „Vasile Alecsandri” din Bacău, Facultatea de Inginerie, ^b Universitatea „Vasile Alecsandri” din Bacău, Facultatea de Științe, Departamentul de Biologie, Bacău
P5	ASSESSMENT OF THE CYTOTOXIC AND GENOTOXIC EFFECTS OF CURRANT MARC EXTRACTS ON CELL DIVISION IN <i>ALLIUM CEPA L.</i> Daniela NICUȚĂ ^{a*} , Elisa FERENȚ ^a , Roxana VOICU ^a , Luminița GROSU ^b , Irina-Claudia ALEXA ^b ^a Universitatea „Vasile Alecsandri” din Bacău, Facultatea de Științe, Departamentul de Biologie, Bacău ^b Universitatea „Vasile Alecsandri” din Bacău, Facultatea de Inginerie, Departamentul de Inginerie Chimică și Alimentară, Bacău



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P6	PHYSICO-CHEMICAL AND SENSORY QUALITY EVALUATION OF ORGANIC WINES PRODUCED IN THE REPUBLIC OF MOLDOVA Claudia-Veronica UNGUREANU ^{a*} , Liliana FLOREA ^a , Georgiana HORINCAR ^a , Dumitra RĂDUCANU ^b , Ana-Maria GEORGESCU ^b ^a Cross-Border Faculty, "Dunarea de Jos" University of Galati, Romania ^b Faculty of Science, "Vasile Alecsandri" University of Bacau, Romania
P7	UTILIZATION OF PUMPKIN SEED FLOUR FOR THE DEVELOPMENT OF HIGH-VALUE FUNCTIONAL BAKERY PRODUCTS Georgiana HORINCAR, Iana MOROZOVA, Claudia-Veronica UNGUREANU* ^a Cross-Border Faculty, "Dunarea de Jos" University of Galati, Romania
P8	AN INNOVATIVE APPROACH TO PRESERVING FRUITS AND VEGETABLES TO PREVENT MICROBIOLOGICAL RISKS Dumitra RĂDUCANU ^{a*} , Ana-Maria GEORGESCU ^a , Claudia-Veronica UNGUREANU ^b Georgiana HORINCAR ^b ^a Faculty of Science, "Vasile Alecsandri" University of Bacau, Romania ^b Cross-Border Faculty, "Dunarea de Jos" University of Galati, Romania
P9	HYDROLYSIS OF RAW MILK FATS BY YARROWIA LIPOLYTICA FOR ANTIMICROBIAL FATTY ACID PRODUCTION Georgiana HORINCAR ^{a*} , Claudia-Veronica UNGUREANU ^a , Dumitra RĂDUCANU ^b , Ana-Maria GEORGESCU ^b , Gabriela BHRIM ^c ^a Cross-Border Faculty, "Dunarea de Jos" University of Galati, Romania ^b Faculty of Science, "Vasile Alecsandri" University of Bacau, Romania ^c Faculty of Food Science and Engineering, "Dunarea de Jos" University of Galati, Romania
P10	BIOACTIVE COMPOUNDS AND ANTIOXIDANT ACTIVITY IN EGGPLANT BYPRODUCT EXTRACTS OBTAINED BY ULTRASONIC-ASSISTED SOLVENT EXTRACTION Claudia-Veronica UNGUREANU, Georgiana HORINCAR* Cross-Border Faculty, "Dunarea de Jos" University of Galati, Romania
P11	PATHOGENS IN PASTRIES: A REVIEW OF MICROBIOLOGICAL RISKS ASSOCIATED WITH READY-TO-EAT FOODS AND READY-TO-BAKE PRODUCTS Delia Mihaela POPESCU (ONEA), Corina NEAGU, Daniela BORDA ^b Faculty of Food Science and Engineering, "Dunarea de Jos" University of Galati, Romania
P12	CASE STUDY ON CHICKEN MEAT CONSUMPTION IN BUZAU, ROMANIA Maria Cristiana GARNAI ^{a*} , Livia PĂTRAȘCU ^b ^a Faculty of Food Science and Engineering, "Dunarea de Jos" University of Galati, Romania ^b Cross-Border Faculty, "Dunarea de Jos" University of Galati, Romania
14:20–14:40	Q&A SESSION



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