CONFERENCE PROGRAMME

ICCR 2026

Agrifood

19 oral presentations • 13 posters • **10 min/oral presentation • 5 min/poster**

DATE Friday, 13 November 2026

ONLINE LINK Agrifood

CHAIRS Prof. dr. eng. Maria TURTOI, Lecturer dr. eng. Veronica FILIMON

SECTION I

Oral Presentations

Each presentation: 10 minutes (talk and questions included). Session starts at 13:30.

01
13:30–13:40

MICROENCAPSULATION OF HORTICULTURAL PRODUCTS—AN EFFECTIVE BIOTECHNOLOGY SOLUTION OF FOOD SHORTAGE

Iuliana-Maria ENACHE[1], Liliana CIURLĂ[1], Gabriel-Ciprian TELIBAN[1], Antoanela PATRAȘ[1]

[1]*Iași University of Life Sciences "Ion Ionescu de la Brad"*

02
13:40–13:50

EFFECTS OF SOUND WAVES ON THE GERMINATION PROCESS OF BASIL, RADISH AND LETTUCE

Ilie BODALE[1], Alexandru-Dumitru ZĂMOSTEANU[1], Iuliana-Maria ENACHE[1], Gabriel-Ciprian TELIBAN[1], Vasile STOLERU[1]

[1]*Iași University of Life Sciences "Ion Ionescu de la Brad", Iași*

03
13:50–14:00

ACTIVE AND INTELLIGENT FOOD PACKAGING. FUNCTIONAL MECHANISMS, EMERGING MATERIALS, AND APPLICATIONS FOR FOOD QUALITY PRESERVATION

Iulia ARMAN[1], Constantin APETREI[1], Cezar-Ionuț BICHESCU[1], Mariana-Atena POIANĂ[2], Dimitrie STOICA[1], Claudia-Veronica UNGUREANU[1], Maricica STOICA[1]

[1]*"Dunărea de Jos" University of Galați*

[2]*University of Life Sciences "King Mihai I" Timișoara*

04
14:00–14:10

HYDROGEL-BASED INTELLIGENT LABELS FOR HEADSPACE MONITORING IN FOOD PACKAGING. STRUCTURE, SENSING MECHANISMS, AND FRESHNESS APPLICATIONS

Maricica STOICA[1], Claudia-Veronica UNGUREANU[1], Iulia ARMAN[1], Cezar-Ionuț BICHESCU[1], Dimitrie STOICA[1]

[1]*"Dunărea de Jos" University of Galați*

05
14:10–14:20

RED CABBAGE ANTHOCYANINS AS NATURAL COLORIMETRIC SENSORS. NUTRITIONAL RELEVANCE AND APPLICATIONS IN INTELLIGENT FOOD PACKAGING

Iulia ARMAN[1], Constantin APETREI[1], Cezar-Ionuț BICHESCU[1], Mariana-Atena POIANĂ[2], Dimitrie STOICA[1], Claudia-Veronica UNGUREANU[1], Maricica STOICA[1]

[1]*"Dunărea de Jos" University of Galați*
[2]*University of Life Sciences "King Mihai I" Timișoara*

06
14:20–14:30

ANALYSIS OF RASFF NOTIFICATIONS CONCERNING FOOD AND FEED PRODUCTS ORIGINATING FROM THE REPUBLIC OF MOLDOVA, 2020–2026

Silvius STANCIU[1], Mihaela PILA[1]

[1]*"Dunărea de Jos" University of Galați, Romania*

07
14:30–14:40

INVESTIGATIONS ON THE BIOACTIVITY OF GREEN-EXTRACTED *ROSMARINUS OFFICINALIS L.* VIA *IN VITRO* AND *IN SILICO* TOOLS

Daniela ȚIULEANU (BARI)[1], Ina VASILEAN[1], Iuliana APRODU[1]

[1]*"Dunărea de Jos" University of Galați, Romania*

08
14:40–14:50

INVESTIGATIONS ON THE USE OF PSEUDOCEREALS AND VEGETAL PROTEINS FOR DEVELOPING HIGH-PROTEIN GLUTEN-FREE PRODUCTS

Anca LUPU[1], Ina VASILEAN[1], Iuliana BANU[1], Gabriela RÂPEANU[1], Nicoleta STĂNCIUC[1], Iuliana APRODU[1]*

[1]*"Dunărea de Jos" University of Galați, Romania*

09
14:50–15:00

THE LINK BETWEEN NUTRITION AND HEALTH THROUGH FUNCTIONAL FOODS

Cecilia CURIS[1], Cristian DIMA[2], Dana MORARU[2*]

[1]*Faculty of Educational Sciences, "Dunărea de Jos" University of Galați, Romania*
[2]*Faculty of Food Science and Engineering, "Dunărea de Jos" University of Galați, Romania*

15:00–15:15 *Coffee break*

10
15:15–15:25

SCORilo: A ROMANIAN MOBILE APPLICATION FOR INFORMING, EDUCATING, AND MONITORING HEALTHY AND SUSTAINABLE FOOD CHOICES

Cătălin-Ioan ȘTEFAN[1], Alexandru-Gabriel GHERGHE[2], Ștefănel-Antonio BĂLȚATU[2], Dana Iulia MORARU[1*]

[1]*"Dunărea de Jos" University of Galați*
[2]*"Ovidius" University of Constanța*

11
15:25–15:35

VEGETARIAN DIETS – BETWEEN BENEFITS, RISKS, AND NUTRITIONAL BALANCE. A STUDY OF BALANCED NUTRITIONAL OPTIONS AMONG YOUNG ADULTS

Andrada-Valentina RUSU[1], Maria TENEA[1], Dana Iulia MORARU[1*]

[1]*Faculty of Food Science and Engineering, "Dunărea de Jos" University of Galați, Romania*

12
15:35–15:45

PHARMACOLOGICAL CONTAMINANTS IN AQUATIC ECOSYSTEMS AND THEIR IMPLICATIONS FOR HUMAN HEALTH

Cecilia CURIS[1], Sebastian-Marius CURIS[2], Florin-Octavian ROBU[3], Dana MORARU[4*]

[1]*Faculty of Educational Sciences, "Dunărea de Jos" University of Galați, Romania*
[2]*Faculty of Medicine and Pharmacy, "Dunărea de Jos" University of Galați, Romania*
[3]*Doctoral School of Fundamental and Engineering Sciences, "Dunărea de Jos" University of Galați, Romania*
[4]*Faculty of Food Science and Engineering, "Dunărea de Jos" University of Galați, Romania*

13
15:45–15:55

THE EFFECT OF A BALANCED DIET ON HEALTH – A CONSUMER'S PERCEPTION STUDY

Elena Daniela PANĂ (HARABAGIU)[1], Daniela ISTRATI[2], Ina VASILEAN[2], Maria GARNAI[2*]

[1]*Master's graduate, Faculty of Food Science and Engineering, "Dunărea de Jos" University of Galați, Romania*
[2]*Department SAIABA, Faculty of Food Science and Engineering, "Dunărea de Jos" University of Galați, Romania*

14
15:55–16:05

THE ROLE OF MARKETING TECHNIQUES IN RAISING CONSUMER AWARENESS OF FOOD SAFETY

Mariana Corina SCORPIE (ȘTEFAN)[1], Daniela ISTRATI[2], Livia PĂTRAȘCU[3], Maria GARNAI[2*]

[1]*Master's graduate, Faculty of Food Science and Engineering, "Dunărea de Jos" University of Galați, Romania*
[2]*Department SAIABA, Faculty of Food Science and Engineering, "Dunărea de Jos" University of Galați, Romania*
[3]*Cross-Border Faculty, "Dunărea de Jos" University of Galați, Romania*

15
16:05–16:15

A PILOT STUDY ON GLUTEN-FREE FOOD CONSUMPTION IN ROMANIA

Carmen PANAIT[1], Daniela ISTRATI[2], Octavian BASTON[2], Maria GARNAI[2*]

[1]*Master's graduate, Faculty of Food Science and Engineering, "Dunărea de Jos" University of Galați, Romania*
[2]*Department SAIABA, Faculty of Food Science and Engineering, "Dunărea de Jos" University of Galați, Romania*

16
16:15–16:25

FOOD EDUCATION FOR TOMORROW'S ADULTS: ASSESSING SHORT-TERM FOOD BEHAVIOURAL RESISTANCE TO CHANGE IN SCHOOLCHILDREN USING THE KIDMED QUESTIONNAIRE

Cornelia HODOROGEA (HUHULEA)[1], Loredana DUMITRAȘCU[2], Iulia-Lidia BLEOANCĂ[2], Iulia-Dana MORARU[2], Corina-Aurelia ZUGRAVU[3], Maria TURTOI[4*]

[1]*Doctoral School of Fundamental and Engineering Sciences, "Dunărea de Jos" University of Galați, Romania*
[2]*Faculty of Food Science and Engineering, "Dunărea de Jos" University of Galați, Romania*
[3]*Faculty of Midwifery and Nursing, "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania*
[4]*Cross-Border Faculty, "Dunărea de Jos" University of Galați, Romania*

17
16:25–16:35

UTILIZATION OF WINEMAKING BY-PRODUCTS IN FOOD AND HEALTHCARE INDUSTRIES: GRAPESEED OIL AND BIOACTIVE PHENOLIC EXTRACTS (GRAPESEED EXTRACT, RESVERATROL, AND NICOTINAMIDE MONONUCLEOTIDE – NMN)

Nicolae MINCIUNĂ[1], Carmelia Mariana DRAGOMIR BĂLĂNICĂ[2], Georgiana HORINCAR[2], Silvius STANCIU[2]

[1]*Doctoral School of Fundamental and Engineering Sciences, "Dunărea de Jos" University of Galați, Romania*
[2]*Cross-Border Faculty, Department of Applied Sciences, "Dunărea de Jos" University of Galați, Galați, Romania*

18
16:35–16:45

INNOVATING SUSTAINABLE PLANT-BASED NUTRITION: THE DEVELOPMENT OF FUNCTIONAL LEGUME SPREADS

Livia PĂTRAȘCU[1], Ina VASILEAN[1], Daniela ȚIULEANU[1], Maria TURTOI[1], Iuliana APRODU[1]

[1]*"Dunărea de Jos" University of Galați, Romania*

19
16:45–16:55

AGROTOURISM AS A LINK BETWEEN LOCAL AGRIFOOD SYSTEMS AND ENVIRONMENTAL SUSTAINABILITY IN THE ROMANIA–REPUBLIC OF MOLDOVA CROSS-BORDER AREA

Elena BUJOR[1], Andreea-Raluca CHIRIAC[1], Alexandru STRATAN[2], Silvius STANCIU[1]

[1]*"Dunărea de Jos" University of Galați, Romania*
[2]*The Academy of Economic Studies of Moldova, Chișinău, Republic of Moldova*

SECTION II

Poster Session

Poster session: 16:55–18:00. Each poster: 5 minutes.

20
POSTER
16:55–17:00

PLANT-BASED MEAT AND DAIRY ALTERNATIVES: CONSUMER PERCEPTION, BENEFITS, RISKS AND NUTRITIONAL QUALITY

Veronica FILIMON[1], Simona BUTAN[2], Alexandra Virginia BOUNEGRU[2]

[1]*"Dunărea de Jos" University of Galați, Romania*
[2]*Faculty of Sciences and Environment, "Dunărea de Jos" University of Galați, Romania*

21
POSTER
17:00–17:05

VALORIZATION OF UNPROCESSED HOUSEHOLD ORGANIC WASTE FOR DEGRADED SOIL RESTORATION: CURRENT TRENDS AND PERSPECTIVES

Alina Mihaela ELISEI[1], Ancuța IACOB[1*], Anca LUPU[1], Alexandra BURLACU[1], Ramona Oana GUNACHE[1]

[1]*Department of Pharmaceutical Sciences, Faculty of Medicine and Pharmacy, "Dunărea de Jos" University of Galați, Romania*

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POSTER
17:05–17:10

GOLDENBERRY CALYX AS A REINFORCING MATERIAL FOR BIODEGRADABLE FOOD PACKAGING

Claudia-Veronica UNGUREANU[1], Iulia ARMAN[1], Maricica STOICA[1]

[1]*"Dunărea de Jos" University of Galați, Romania*

23
POSTER
17:10–17:15

YEAST SINGLE-CELL PROTEIN AS A VALUABLE ALTERNATIVE FOR HYBRID PROTEIN FORMULATIONS IN NOVEL FOOD

Mihaela COTÂRLEȚ[1], Aida-Mihaela VASILE[1,2], Leontina GRIGORE-GURGU[1*], Gabriela-Elena BAHRIM[1,2]

[1]*Faculty of Food Science and Engineering, "Dunărea de Jos" University of Galați, Romania*
[2]*Cross-Border Faculty, "Dunărea de Jos" University of Galați, Romania*

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POSTER
17:15–17:20

AN INNOVATIVE VALUE-ADDED DARK BEER WITH ENHANCED SENSORY AND FUNCTIONAL PROPERTIES

Georgiana HORINCAR[1], Ioana Gabriela POPA (SAVIN)[2], Iuliana APRODU[2]

[1]*Department of Life Sciences, Cross-Border Faculty, "Dunărea de Jos" University of Galați, Romania*
[2]*Department of Food Science, Food Engineering, Biotechnology and Aquaculture, Faculty of Food Science and Engineering, "Dunărea de Jos" University of Galați, Romania*

25
POSTER
17:20–17:25

VALUE-ADDED PASTRY CREAM ENRICHED WITH MICROENCAPSULATED EXTRACT POWDER FROM EGGPLANT (*SOLANUM MELONGENA L.*) PEELS

Georgiana HORINCAR[1], Doina Georgeta ANDRONOIU[2], Mihaela COTÂRLEȚ[2], Gabriela BAHRIM[2], Iuliana APRODU[2]

[1]*Department of Life Sciences, Cross-Border Faculty, "Dunărea de Jos" University of Galați, Romania*
[2]*Department of Food Science, Food Engineering, Biotechnology and Aquaculture, Faculty of Food Science and Engineering, "Dunărea de Jos" University of Galați, Romania*

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POSTER
17:25–17:30

TECHNOLOGICAL AND PHYSICOCHEMICAL EFFECTS OF SUGAR REPLACEMENT IN ICE CREAM

Aida-Maria BENGEA[1], Roxana-Elena VASILIU[1], George SCARLAT[1], Antoneta-Elena SIMA[1], Elena-Narcisa POGURSCHI[1]

[1]*University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania*

27
POSTER
17:30–17:35

COW AND SHEEP MILK: COMPOSITIONAL DIFFERENCES AND IMPLICATIONS FOR BY-PRODUCT VALORIZATION

George SCARLAT[1], Roxana VASILIU[1], Aida BENGEA[1], Elena-Narcisa POGURSCHI[1]

[1]*University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania*

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POSTER
17:35–17:40

LIPID OXIDATION IN ORGAN-MEAT PRODUCTS: MECHANISMS, INFLUENCING FACTORS, ASSESSMENT METHODS AND CONTROL STRATEGIES

Antoneta-Elena SIMA[1], Aida-Maria BENGEA[1], Ioana-Alexandra ALEXE[1], Alexandru Ionuț ȘTEFAN[1], Elena-Narcisa POGURSCHI[1]

[1]*University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania*

29
POSTER
17:40–17:45

CHARACTERIZATION OF FOOD PRODUCTS CURRENTLY ON THE MARKET FOR USE IN EMERGENCY CONDITIONS AND DIRECTIONS FOR THE DEVELOPMENT OF NEW PRODUCTS FOR CONSUMERS WITH SPECIAL DIETARY NEEDS

Mariana-Claudia CEAUȘU (MOISESCU)[1], Cătălin-Răzvan VÎNTU[1], Adrian Vasile TIMAR[2], Elena-Narcisa POGURSCHI[1]

[1]*University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania*
[2]*University of Oradea, Oradea, Romania*

30
POSTER
17:45–17:50

DIGITAL TRANSFORMATION: PRODUCTIVITY FACTORS SPECIFIC TO THE AGRICULTURAL SECTOR

Alina-Florentina SĂRACU[1]

[1]*Department of Applied Sciences, Cross-Border Faculty, "Dunărea de Jos" University of Galați, Romania*

31
POSTER
17:50–17:55

RURAL DEVELOPMENT STRATEGIES AND AGRICULTURAL ENTREPRENEURSHIP

Alina-Florentina SĂRACU[1]

[1]*Department of Applied Sciences, Cross-Border Faculty, "Dunărea de Jos" University of Galați, Romania*

32
POSTER
17:55–18:00

JUJUBE (*ZIZIPHUS JUJUBA MILL.*): CULTIVARS, NUTRITIONAL VALUE AND PROSPECTS FOR CULTIVATION

Angela ALBU[1], Veronica FILIMON[1]

[1]*"Dunărea de Jos" University of Galați, Romania*