

The International Conference
“Biotechnologies, Present and
Perspectives” Suceava, Romania
10th Edition,
17-19 October 2025

Program

17 October 2025

9⁵⁰ – 10⁰⁰ (GMT + 2) OFFICIAL OPENING

Google meet: <https://meet.google.com/ghg-krik-vft>

10⁰⁰ – 11⁴⁵ (GMT + 2) PLENARY SESSION – Keynote speakers

Google meet: <https://meet.google.com/ghg-krik-vft>

12¹⁰ – 15¹⁰ (GMT + 2) ORAL PRESENTATIONS

Google meet: <https://meet.google.com/cjr-xpgt-wdp>

12¹⁰ – 15⁰⁰ (GMT + 2) POSTER SESSION

Google meet: <https://meet.google.com/kxc-bepz-ygt>

16⁰⁰ (GMT + 2) CONFERENCE CLOSURE

Google meet: <https://meet.google.com/ghg-krik-vft>

Sections

1. Biotechnologies in Food Industry
2. Applied Engineering Sciences
3. Food Products Quality and Safety
4. Equipment for Food Industry
5. Ecology and Environment Protection
6. Multidisciplinary Science

10⁰⁰ – 11⁴⁵ (GMT + 2) PLENARY SESSION - Keynote speakers

Moderator: OROIAN Mircea
Faculty of Food Engineering, Stefan cel Mare University of Suceava

Google meet: <https://meet.google.com/ghg-krik-vft>

10⁰⁰ – 10¹⁵ (GMT + 2)

ANTIOXIDANT AND QUALITATIVE ASSESSMENT OF HIGH-MOISTURE PLANT-BASED MEAT ANALOGS

Viorica BULGARU - Technical University of Moldova

10¹⁵ – 10³⁰ (GMT + 2)

INNOVATIVE ANALYTICAL APPROACHES FOR DETECTING FOOD ADULTERATION AND ENSURING AUTHENTICITY

Anca BECZE - Research Institute for Analytical Instrumentation, ICIA Cluj-Napoca

10³⁰ – 10⁴⁵ (GMT + 2)

INFLUENCE OF VEGETABLE FIBRE OF DIFFERENT ORIGIN ON THE TECHNOLOGICAL QUALITY OF WHEAT FLOUR

Ivan ŠVEC - University of Chemistry and Technology, Prague Faculty of Food and Biochemical Technology

10⁴⁵ – 11⁰⁰ (GMT + 2)

THINKING “OUTSIDE THE BOX” THE TASK IN LINKING CLIMATE CHANGE TO MICROBIAL ANTIBIOTIC RESISTANCE AND ANIMAL HEALTH

Nicolae CORCIONIVOSCHI - Agri-Food and Biosciences Institute Head of Food Microbiology Belfast, Northern Ireland

11⁰⁰ – 11¹⁵ (GMT + 2)

THE PROTEIN PARADIGM SHIFT: LEVERAGING BIOTECHNOLOGY FOR SAFER, HEALTHIER, AND ECO-CONSCIOUS MEAT

GASPAR FRANCISCO ROS BERRUEZO - Universidad de Murcia Departamento Tecnología de Alimentos, Nutrición y Bromatología

11¹⁵ – 11³⁰ (GMT + 2)

SUSTAINABLE PACKAGING SOLUTIONS

Stefan STEFANOV - University of Food Technologies Plovdiv

11³⁰ – 11⁴⁵ (GMT + 2)

BEAD MILLS IN PHARMACEUTICAL AND BIOTECHNOLOGY PRODUCTION

Oleksii GUBENIA - National University of Food Technologies, Kyiv, Ukraine

12¹⁰ – 15¹⁰ (GMT + 2) ORAL PRESENTATIONS

Moderators: Georgiana Gabriela CODINĂ, Florina DRANCA, Sorina ROPCIUC

Food Engineering Faculty, Stefan cel Mare University of Suceava

Google meet: <https://meet.google.com/cjr-xpgt-wdp>

12¹⁰ – 12²⁵ - Section 5

MEASUREMENTS OF HEAVY METALS CONTENT IN SURFACE WATERS IN THE IASI REGION

Andreea DAIRIE, Violeta MANGALAGIU, Mihaela-Lăcrămioara NEMȚOI

12²⁵ – 12⁴⁰ – Section 6

FUNCTIONALIZED POLYPHENOLS WITH AZAHETEROCYCLES SKELETON OF POTENTIAL INTEREST IN MEDICINE AND FOOD INDUSTRY

Violeta MANGALAGIU, Catalina CIOBANU, Ionel MANGALAGIU

12⁴⁰ – 12⁵⁵ – Section 3

ANTIOXIDANT AND ANTIMICROBIAL PROPERTIES OF SELECTED EDIBLE MUSHROOM SPECIES

Eva IVANIŠOVÁ, Vladimír KOMÁR, Miroslava KAČÁNIOVÁ, Anna KOLESÁROVÁ, Katarzyna KOZŁOWICZ, Zbigniew KOBUS

12⁵⁵ – 13¹⁰ – Section 3

TOWARDS HEALTHIER BREAD: REDUCING SODIUM INTAKE THROUGH FOOD INNOVATION

Corina CARACACI, Aliona GHENDOV-MOȘANU, Georgiana Gabriela CODINĂ

13¹⁰ – 13²⁵ - Section 3

EFFECT OF THE HOMOGENISATION METHOD ON THE STABILITY OF 30% MAYONNAISE SAUCE

Maiia ZABOLOTNIA, Anastasia SACHKO

13²⁵ – 13⁴⁰ - Section 3

COMPARATIVE STUDY OF SOME PHYSICO-CHEMICAL CHARACTERISTICS OF WHEAT, RICE, AND CORN FLOURS

Sergiy BORUK, Igor WINKLER

13⁴⁰ – 13⁵⁵ - Section 3

IMPACT OF DRYING METHODS AND PARTICLE SIZE ON THE CHARACTERISTICS OF SLOE BERRY POMACE

Mădălina UNGUREANU-IUGA, Mariana SPINEI, Ionuț AVRĂMIA, Mircea Adrian OROIAN

13⁵⁵ – 14¹⁰ - Section 3

EVALUATION OF THE CHEMICAL AND SENSORY COMPOSITION OF A MARSHMALLOW PRODUCT ENRICHED WITH TOMATOES (LYCOPERSICON ESCULENTUM)

Dumitrița FLAIȘ, Mircea OROIAN

14¹⁰ – 14²⁵ - Section 3

LUPIN PROTEIN ISOLATE: EXTRACTION AND PERSPECTIVES FOR PASTA FORTIFICATION

Marina AXENTII, Georgiana CODINĂ

14²⁵ – 14⁴⁰ - Section 1

FOOD SECURITY STATUS AND DIETARY INFLAMMATORY POTENTIAL: LINKING NUTRITION EPIDEMIOLOGY WITH BIOTECHNOLOGICAL INNOVATION

Jiyan Aslan CEYLAN, Juan E Andrade LABORDE, Jeanette M ANDRADE

14⁴⁰ – 14⁵⁵ - Section 5

IMPACT OF FERMENTED BREWERS' SPENT GRAIN AND TRITICALE ADDITION ON DOUGH RHEOLOGICAL CHARACTERISTICS: AN ALVEOGRAPHIC STUDY

Sergiu PAIU, Iurie RUMEUS, Olesea SAITAN, Georgiana Gabriela CODINĂ, Aliona GHENDOV-MOȘANU

14⁵⁵ – 15¹⁰ - Section 3

DEVELOPMENT AND PSIHICO-CHEMICAL EVALUATION OF NEW PLANT-BASED BLUEBERRY ICE CREAM USING OILSEEDS AS FAT SOURCE WITHOUT SUGAR

Mariana POPESCU, Adriana DABIJA, Ancuța CHETRARIU

12¹⁰ – 15⁰⁰ (GMT + 2) POSTER SESSION

Moderators: Laura Carmen APOSTOL, Eufrozina ALBU, Sergiu PĂDUREȚ

Food Engineering Faculty, Stefan cel Mare University of Suceava

Google meet: <https://meet.google.com/kxc-bepz-ygt>

| No | Names | Title | Presentation / poster |
|-----------|--|---|---------------------------------|
| 1. | Cristian MITITIUC, Adriana DABIJA, Ionuț AVRĂMIA | <i>A REVIEW OF UNCONVENTIONAL YEAST IN THE BAKERY SECTOR</i> | <i>Oral presentation</i> |
| 2. | Ioana ISACHE | <i>THE CRYOPROTECTIVE EFFECT OF WAXY WHEAT FLOUR ON BAKER'S YEAST IN FROZEN DOUGH</i> | <i>Oral presentation</i> |
| 3. | Ionela-Cristina IACOBAN, Adriana DABIJA | <i>HAZELNUT-BASED ALTERNATIVE TO DAIRY IN FUNCTIONAL ICE CREAM FORMULATIONS FOR LACTOSE-FREE CONSUMERS</i> | <i>Oral presentation</i> |
| 4. | Georgiana FEDIUC, Mircea OROIAN, Dan HOFFMAN | <i>APPLICATION OF DIFFERENTIAL SCANNING CALORIMETRY (DSC) IN IDENTIFYING ADULTERATION OF COLD- PRESSED WALNUT OIL WITH REFINED SUNFLOWER OIL</i> | <i>Oral presentation</i> |
| 5. | Olivia ATUDOREI, Georgiana Gabriela CODINĂ | <i>EFFECTS OF GERMINATED BUCKWHEAT FLOUR ADDITION ON DOUGH RHEOLOGICAL PROPERTIES DURING EXTENSION AND FERMENTATION</i> | <i>Oral presentation</i> |
| 6. | Loredana HUȚUȚUI, Sonia AMARIEI | <i>DEVELOPMENT OF INTELLIGENT MEAT PACKAGING USING POLYPHENOLIC COMPOUNDS FROM ARONIA MELANOCARPA AND SAMBUCUS NIGRA</i> | <i>Oral presentation</i> |
| 7. | Bianca ȘUIAN, Sonia AMARIEI, Ancuța PETRARU | <i>EVALUATION OF THE ANTIOXIDANT POTENTIAL AND PHYTOCHEMICAL PROFILE OF HORSERADISH (ARMORACIA RUSTICANA) LEAVES AND ROOTS</i> | <i>Oral presentation</i> |
| 8. | Cristina Ștefania AFLOAREI, Adriana DABIJA | <i>CURRENT AND EMERGING BIOTECHNOLOGIES FOR THE CONTROL OF LISTERIA MONOCYTOGENES IN MILK AND DAIRY PRODUCTS</i> | <i>Oral presentation</i> |

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| 9. | Maria-Natalia CHIRA, Sonia AMARIEI | THE IMPACT OF HEAVY METAL CONTAMINATION ON CASEIN IN COW'S MILK | Oral presentation |
| 10. | Mariana Slavic, Ancuța Petraru, Adriana Dabija, Amelia Buculei | ASSESSMENT OF THE INFLUENCE OF THE ADDITION OF FRUIT FLOURS ON THE FUNCTIONAL - TECHNOLOGICAL PROPERTIES OF WHEAT FLOUR | Oral presentation |
| 11. | Raluca-Maria CUCOLAȘ | MUSHROOMS AS A SUSTAINABLE PROTEIN SOURCE AND FUNCTIONAL INGREDIENT IN THE MEAT PRODUCTS | Oral presentation |
| 12. | Diana-Raluca CRECIUNESCU (BOURIAUD), Silvia MIRONEASA | FUNCTIONAL EXTRUDATES FROM CARROT BY-PRODUCTS: A SUSTAINABLE APPROACH TO FOOD WASTE REDUCTION | Oral presentation |
| 13. | Ancuța CHETRARIU, Ramona Elena HUBER, Lavinia-Vasilica DORNESCU, Eusebiu DRĂGOI, Adriana DABIJA | FROM WASTE TO VALUE: DEVELOPMENT OF WHEY BEER AS A LOW-ALCOHOL FUNCTIONAL BEVERAGE | Poster |
| 14. | Adriana DABIJA, Ionuț AVRĂMIA, Larisa CAISÎN, Vitalii AGAPII, Ancuța CHETRARIU | NUTRIENT-RICH BY-PRODUCTS OF THE FERMENTATION INDUSTRY: QUALITY AND APPLICATIONS | Poster |
| 15. | Alina BOIȘTEAN, Aurica CHIRSANOVA, Aliona GHENDOV-MOȘANU | CORNUS MAS L. BY-PRODUCTS | Poster |
| 16. | Violina POPOVICI, Eugenia COVALIOV, Tatiana CAPCANARI, Oxana RADU, Alexandrina COJOCARI | ANTIOXIDANT PERFORMANCE OF LIPOSOMAL CAROTENOIDS UNDER SIMULATED IN VITRO DIGESTION | Poster |
| 17. | Adriana DABIJA, Mircea OROIAN, Georgiana CODINĂ, Amelia BUCULEI, Irina DIANU, Artur MACARI, Anca GÂTLAN, Natalia NETREBA, Iuliana SANDU, Greta BALAN, Daniela COJOCARI, Ancuța CHETRARIU, Dadiana DABIJA, Ionuț AVRĂMIA | VALORIZATION ON SEA BUCKTHORN THROUGH THE DEVELOPMENT OF INNOVATIVE TECHNOLOGIES FOR OBTAINING FUNCTIONAL FOOD | Poster |
| 18. | Liliana BOLOHAN – LUCA, Daniela PAULIUC | A REVIEW ON HAZELNUT BY-PRODUCTS: A VALUABLE SOURCE OF BIOACTIVE COMPOUNDS | Poster |
| 19. | Maria POROCH – SERIȚAN, Mihaela JARCĂU, Oana Vasilica BEZEDE (CIUBOTARIU), Amelia BUCULEI | SHEEP'S MILK FROM BOTOȘANI, ROMANIA – NUTRITIONAL VALUE AND OPPORTUNITIES FOR THE LOCAL COMMUNITY | Poster |
| 20. | Ancuța Elena PRISACARU, Cristina GHINEA, Marian Cătălin PRISACARU | STUDIES ON THE NUTRITIONAL QUALITY OF BREAKFAST CEREALS AVAILABLE ON THE ROMANIAN MARKET | Poster |

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| 21. | Maria POROCH – SERIȚAN, Mihaela JARCĂU, Bianca BOZ, Eva IVANIŠOVÁ, Ivona JANČO, Patrícia JOANIDIS | AROMATIC NOTES AND SENSORY PROFILE OF COFFEE PROCESSED IN SUCEAVA, ROMANIA | Poster |
| 22. | Alexandra CİCINCI | DEGRADATION OF FOOD PACKAGING MATERIALS, WITH EMPHASIS ON BIODEGRADABLE PLASTIC, IN DIFFERENT ENVIRONMENTS | Poster |
| 23. | Ancuța PETRARU, Ionuț AVRĂMIA, Daniela PAULIUC, Florin URSACHI, Ancuța CHETRARIU, Amelia BUCULEI, Sonia AMARIEI | TOTAL POLYPHENOLIC CONTENT AND ANTIOXIDANT POTENTIAL OF WALNUT OILCAKE | Poster |
| 24. | Mariana SPINEI, Florina DRANCA, Daniela-Oana PAULIUC, Mircea-Adrian OROIAN | DEVELOPMENT AND STABILITY ASSESSMENT OF FILMS BASED ON CELLULOSE, GRAPE POMACE PECTIN, AND BURSERA GRAVEOLENS ESSENTIAL OIL | Poster |
| 25. | Laura Carmen APOSTOL, Sorina ROPCIUC, Florin URSACHI, Ionuț AVRĂMIA | QUALITY CHARACTERISTICS OF READY-TO-DRINK COFFEE-BASED PRODUCTS | Poster |
| 26. | Silviu-Gabriel STROE, Andreea HAINA | THE INFLUENCE OF SOY LECITHIN ON THE RHEOLOGICAL PROPERTIES OF DOUGH AND BREAD QUALITY FORMULATED WITH 650 TYPE WHEAT FLOUR | Poster |
| 27. | Eufrozina ALBU, Amelia BUCULEI, Laura-Carmen APOSTOL, Loredana-Mariana HUȚUȚUI | STUDY ON THE PHYSICOCHEMICAL AND MICROBIOLOGICAL CHARACTERISTICS OF CHILDREN'S SAUSAGES | Poster |
| 28. | Andreea SCHIPOR, Anca-Mihaela GÂTLAN, Daniela PAULIUC, Ancuța PETRARU, Ancuța CHETRARIU, Ionuț AVRĂMIA, Vasile-Florin URSACHI | STUDY ON THE INFLUENCE OF SEA BUCKTHORN POMACE ADDITION ON THE PHYSICO-CHEMICAL AND TEXTURAL CHARACTERISTICS OF PLANT-BASED ICE CREAM | Poster |
| 29. | Florina DRANCA, Iustina-Georgiana ASIMINEI, Mariana SPINEI, Ancuța PETRARU | FORTIFICATION OF SET YOGURT WITH CITRUS PEEL POWDER – EFFECT ON PHYSICOCHEMICAL AND SENSORY PROPERTIES | Poster |
| 30. | Sorina ROPCIUC, Florina DRANCA, Daniela PAULIUC, Georgiana CODINĂ, Mircea-Adrian OROIAN, Viorica BULGARU | THERMAL BEHAVIOR AND STABILITY OF CARNAUBA WAX-STRUCTURED SUNFLOWER AND PUMPKIN SEED OIL OLEOGELS | Poster |
| 31. | Eugenia COVALIOV, Violina POPOVICI, Tatiana CAPCANARI | FERMENTED PLANT-BASED MATRICES FOR SUSTAINABLE NUTRITION | Poster |

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| 32. | Anna HRYSHCHENKO | THE INFLUENCE OF COCOA POWDER ON THE QUALITY OF WHEAT BREAD | Poster |
| 33. | Oxana RADU, Tatiana CAPCANARI, Eugenia COVALIOV | ANALYSIS OF THE NUTRITIONAL CONTEXT IN RELATION TO THE CONSUMPTION OF ORGANIC FOOD PRODUCTS | Poster |
| 34. | Iurie RUMEUS, Aliona GHENDOV-MOȘANU, Georgiana Gabriela-CODINĂ | CHARACTERISTICS OF TRITICALE DOUGH FERMENTATION PROCESS: EFFECT OF TWO TYPES OF FERMENTED BREWERS' SPENT GRAIN ADDITION ON DOUGHS RHEOLOGICAL PROPERTIES | Poster |
| 35. | Irina DIANU, Artur MACARI, Adriana DABIJA, Natalia NETREBA, Iuliana SANDU, Greta BALAN, Daniela COJOCARI | SEA BUCKTHORN POMACE – A SOURCE OF BIOACTIVE COMPOUNDS FOR FUNCTIONAL FOODS | Poster |
| 36. | Artem BARALIUK, Tetiana OSMAC | THE INFLUENCE OF STABILISERS ON PLANT-BASED FERMENTED BEVERAGES | Poster |
| 37. | Anton OSMAC, Uliana BANDURA, Oksana BASS | IMPROVEMENT OF FERMENTED MILK DESSERTS USING SECONDARY DAIRY RAW MATERIALS | Poster |
| 38. | Oxana RADU, Alina BOIȘTEAN | POTENTIAL OF OILSEED CAKES AS SOURCES OF HIGH-VALUE PROTEIN ISOLATES FOR FUNCTIONAL FOODS | Poster |
| 39. | Ana BATARIUC, Madălina UNGUREANU-IUGA, Silvia MIRONEASA | MODIFICATIONS IN SORGHUM FLOUR PROPERTIES FOLLOWING GRAIN HEAT TREATMENT | Poster |
| 40. | Cristina GHINEA, Ana LEAHU | LIFE CYCLE ASSESSMENT OF SWEET CHERRY COMPOTE | Poster |
| 41. | Viorica BULGARU, Natalia NETREBA, Olga SMEREA, Sergiu PAIU, Mircea Adrian OROIAN, Sorina ROPCIUC | OLEOGELS AS AN ALTERNATIVE TO SATURATED AND TRANS FATS | Poster |
| 42. | Alina BOIȘTEAN, Aurica CHIRSANOVA, Rodica SIMINIUC | RESIDUAL WINE YEASTS AS A SUSTAINABLE SOURCE OF B-GLUCANS: EXPLORING MULTIFUNCTIONAL BIO-INGREDIENTS FOR NOVEL APPLICATIONS | Poster |
| 43. | Alexandu NISTIRIUC, Eugenia COVALIOV | WINE TOURISM, THE CALLING CARD OF MOLDOVAN NATIONAL TOURISM | Poster |

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| 44. | Alexandu NISTIRIUC, Aurica CHIRSANOVA | RURAL AGRO-PENSIONS AND TRADITIONAL CUISINE-AUTHENTIC FORMS OF MOLDAVIAN RURAL TOURISM | Poster |
| 45. | Oleksii GUBENIA, Maksym KASYNIUK, Kateryna HRININH, Kostiantyn OMELIANENKO | BEAD MILLS IN PHARMACEUTICAL AND BIOTECHNOLOGY PRODUCTION | Poster |
| 46. | Oleksandr ZOMENKO, Oleksii GUBENIA, Sergii SAMARCHUK | EFFECT OF TABLET DENSITY ON ITS STRENGTH AND COMPRESSION FORCE | Poster |
| 47. | Oleksandr ZOMENKO, Oleksii GUBENIA, Oleg BORTNICHUK | DESIGNING ERGONOMIC AND INCLUSIVE PRODUCTION KITCHENS FOR PUBLIC CATERING FACILITIES IN UKRAINE | Poster |
| 48. | Yuliia KAPELISTA, Oleksandr LIULKA | SOCIO-ECONOMIC JUSTIFICATION OF CREATING HEALTH RESORT HOTEL FOR VETERANS | Poster |
| 49. | Iryna KOVSHAR, Viktor STABNIKOV | COST-EFFECTIVE MICROBIALLY INDUCED CALCITE PRECIPITATION FOR BIOCEMENT PRODUCTION USING LOW-COST NUTRIENTS AND CALCIUM SOURCES | Poster |
| 50. | Tetyana MELNYK, Viktor STABNIKOV | INFLUENCE OF PENICILLIUM ROQUEFORTI ON THE FORMATION OF FLAVOR AND AROMA COMPOUNDS IN BLUE CHEESE | Poster |
| 51. | Olena PODOBII, Igor ZHITNETSKYI | DEVELOPMENT OF AN INNOVATIVE BASIS FOR COSMETIC EMULSION PRODUCTS | Poster |
| 52. | Sorina ROPCIUC, Mircea Adrian OROIAN, Ancuța Elena PRISACARU, Ana LEAHU, Florina DRANCA, Ovidiu Aurel GHIUȚĂ, Ionuț AVRĂMIA | INFLUENCE OF ETHYLCELLULOSE CONCENTRATION ON THE STRUCTURAL, RHEOLOGICAL, TEXTURAL, AND SENSORY PROPERTIES OF SUNFLOWER OIL-BASED OLEOGELS | Poster |