

**THE PROGRAM OF THE INTERNATIONAL
CONFERENCE
„BIOTECHNOLOGIES-PRESENT AND PERSPECTIVES”
5th of November 2021, SUCEAVA**

GENERAL INFORMATION

9⁴⁵ – 10⁰⁰ (GMT + 2) OFFICIAL OPENING

Google meet: <https://meet.google.com/nka-xdbo-tvh>

10⁰⁰ – 12⁴⁰ (GMT + 2) PLENARY SESSION - Keynote speakers

Google meet: <https://meet.google.com/nka-xdbo-tvh>

13⁰⁰ – 16⁴⁵ (GMT + 2) ORAL PRESENTATIONS ON SECTIONS

Sections 1,2,3:

Google meet: <https://meet.google.com/jrk-rrqk-zxc>

1. Biotechnologies in Food Industry
2. Applied Engineering Sciences
3. Food Products Quality and Safety

Sections 4,5,6:

Google meet: <https://meet.google.com/sdh-sgcr-taw>

4. Equipment for Food Industry
5. Ecology and Environment Protection
6. Multidisciplinary Science

16⁴⁵ – 18³⁰ (GMT + 2) POSTER SESSION

Section A <https://meet.google.com/jrk-rrqk-zxc>

16³⁰ – 18³⁰ (GMT + 2) POSTER SESSION

Section B <https://meet.google.com/sdh-sgcr-taw>

19⁰⁰ (GMT + 2) Conference closure

Google meet: <https://meet.google.com/nka-xdbo-tvh>

The time from Program is Romanian time (GMT + 2)
<https://greenwichmeantime.com/time/romania/bucharest/>

OFFICIAL OPENING

9⁴⁵ – 10⁰⁰, [\(GMT + 2\)](#)

Google meet: <https://meet.google.com/nka-xdbo-tvh>

PLENARY SESSION

10⁰⁰ – 12²⁰, [\(GMT + 2\)](#)

Google meet: <https://meet.google.com/nka-xdbo-tvh>

Moderators: OROIAN Mircea,
Food Engineering Faculty, Ștefan cel Mare University of Suceava

10.⁰⁰-10.²⁰ [\(GMT + 2\)](#)

MICROBIAL PRODUCTION OF RIBOFLAVIN (VITAMIN B2) USING CANDIDA FAMATA #91 RECOMBINANT YEAST STRAIN, Maciej KLUZ, University of Rzeszow, Poland

10.²⁰-10.⁴⁰ [\(GMT + 2\)](#)

CIRCULAR ECONOMY APPLIED TO WASTEWATER TREATMENT, Luis Miguel Ayuso Garcia and Sofia Martinez Lopez, National Technological Centre for the Food and Canning Industry, CTNC, Spain

10.⁴⁰-11.⁰⁰ [\(GMT + 2\)](#)

TRENDS AND EXPECTED BENEFITS OF INNOVATION IN PROCESSES AND EQUIPMENT OF BAKERY PRODUCTION, Volodymyr TELYCHKUN, Oleksandr GAVVA, Oleksii GUBENIA, Yuliia TELYCHKUN, Vitalii RACHOK, National University of Food Technology, Kyiv, Ukraine

11.⁰⁰-12.⁰⁰ ([GMT + 2](#))

NUTRACEUTICAL biotechnologies, Vania ATUDOREI,
Eurofins Canada

12.⁰⁰-12.²⁰ ([GMT + 2](#))

ACTIVE BIODEGRADABLE PACKAGING MATERIALS,
Maria VARGAS, *Universidad Politecnica de Valencia, Spain*

13⁰⁰ – 16⁴⁵ (GMT + 2)

Oral presentations

Sections 1,2,3: Google meet:

<https://meet.google.com/jrk-rrqk-zxc>

1. Biotechnologies in Food Industry
2. Applied Engineering Sciences
3. Food Products Quality and Safety

Moderators: Georgiana Gabriela CODINĂ, Adriana DABIJA
Food Engineering Faculty, Ștefan cel Mare University of Suceava

13.⁰⁰-13.¹⁵ (**[GMT + 2](#)**)

EFFECT OF DRY HOPPING METHOD ON MYRCEN DISSOLUTION EFFICIENCY, Rozalia Veronika SALAMON, Ferencz ÁGOTA, Tankó GYÖRGY, Adriana DABIJA

13.¹⁵-13.³⁰ (**[GMT + 2](#)**)

FUNCTIONAL POTENTIAL AND POSSIBILITIES OF USE THE BEE PRODUCTS IN THE MEAD PROCESSING, Maria Emilia COVACIU, Elena MUDURA, Teodora Emilia COLDEA, Laura STAN

13.³⁰-13.⁴⁵ (**[GMT + 2](#)**)

BREWERS' SPENT GRAIN AS SUBSTRATE FOR SYNTHESIS OF DEXTRAN BY LACTIC ACID BACTERIA: REGULATION OF DEXTRANSUCRASES AND FERMENTATION PERFORMANCE, Prabin KOIRALA

13.⁴⁵-14.⁰⁰ (**[GMT + 2](#)**)

FERMENTATION OF SURPLUS BREAD: UPCYCLING STRATEGIES FROM GROWTH MEDIUM TO FOOD INGREDIENT, Michela VERNI

14.⁰⁰-14.¹⁵ ([GMT + 2](#))

THE DEVELOPING OF THE HIGH QUALITY LOCAL FISH FEEDS IN UKRAINE, Liudmyla FIHURSKA

14.¹⁵-14.³⁰

EFFECTS OF DRY HEAT TREATMENT AND MILLING ON SORGHUM CHEMICAL COMPOSITION, FUNCTIONAL AND MOLECULAR CHARACTERISTICS, Ana BATARIUC, Mădălina UNGUREANU-IUGA, Silvia MIRONEASA

14.³⁰-14.⁴⁵ ([GMT + 2](#))

MONITORING OF VISCOSITY CHANGES OF WHEAT SOURDOUGH: A PILOT STUDY, Ivan ŠVEC, Eliška BĚLÍKOVÁ, Pavel SKŘIVAN, Marcela SLUKOVÁ

14.⁴⁵-15.⁰⁰

WHEAT-AMARANTH COMPOSITE FLOUR FOR BREAD PRODUCTION DEPENDING OF AMARANTH FLOUR PARTICLE SIZE, Ionica COȚOVANU and Silvia MIRONEASA

15.⁰⁰-15.¹⁵

NATURAL EXTRACTS FOR PLANT CROPS - CHALLENGE FOR FOOD QUALITY ASSURANCE, Gabriel Mihaita DARABAN, Raluca Maria HLIHOR, Marinela BADEANU, Daniela SUTEU

15.¹⁵-15.³⁰

HONEY AUTHENTICATION AND ADULTERATION DETECTION BY FTIR, Florina DRANCA, Sorina ROPCIUC, Paula CIURSĂ, Daniela PAULIUC, Mircea OROIAN

15.³⁰-15.⁴⁵ [\(GMT + 2\)](#)

THE ADDITION OF COLLAGEN TO PROBIOTIC GOAT MILK - AN INNOVATIVE METHOD FOR YOUNG SKIN,
Karolina MROCZEK, Agata ZNAMIROWSKA

15.⁴⁵-16.⁰⁰

HONEY ADULTERATION DETECTION USING INSTRUMENTAL TECHNIQUES, Mircea OROIAN, Florina DRANCA, Sorina ROPCIUC, Paula CIURSĂ, Daniela PAULIUC

16.⁰⁰-16.¹⁵

THE INFLUENCE OF CONVENTIONAL EXTRACTION ON THE YIELD AND GALACTURONIC ACID CONTENT OF PECTIN FROM GRAPE POMACE, Mariana SPINEI, Mircea OROIAN

16.¹⁵-16.³⁰

ADVANCE ON THE CAPITALIZATION OF GRAPE PEELS BY-PRODUCT IN COMMON WHEAT PASTA, Mădălina UNGUREANU-IUGA and Silvia MIRONEASA

16.³⁰-16.⁴⁵

THE EFFECT OF GERMINATED LENTIL FLOUR ON BREAD MAKING

Denisa ATUDOREI, Georgiana Gabriela CODINĂ

16⁴⁵ – 18³⁰ (GMT + 2)
Poster session – Section A

Google meet: <https://meet.google.com/jrk-rrqk-zxc>

Moderators: Georgiana Gabriela CODINĂ, Adriana DABIJA
Food Engineering Faculty, Stefan cel Mare University of Suceava

16.⁴⁵-16.⁵⁰

**EDIBLE FILMS BASED ON PECTIN AND CELLULOSE:
MICROSTRUCTURE ANALYSIS**, Florina DRANCA, Mircea
OROIAN

16.⁵⁰-16.⁵⁵

**VISCOSITY OF AQUEOUS SOLUTIONS OF THE FOOD
MONO- AND POLYSACCHARIDES**, Sergiy BORUK, Igor
WINKLER

16.⁵⁵-17.⁰⁰

**SENSORY PROPERTIES OF WAFFLES WITH ACORN
FLOUR AND SPENT GRAIN**, Ancuța CHETRARIU, Adriana
DABIJA

17.⁰⁰-17.⁰⁵ (GMT + 2)

**STABILIZERS IN TECHNOLOGY OF GLUTEN-FREE
PRODUCTS**, Anna HRYSHCHENKO, Yuliia BONDARENKO

17.⁰⁵-17.¹⁰

**CHEMICAL ANALYSIS OF DIFFERENT WHEAT
VARIETIES CULTIVATED IN ROMANIA**, Camelia GOLEA,
Georgiana Gabriela CODINĂ

17.¹⁰-17.¹⁵

PHYSICO-CHEMICAL CHARACTERIZATION OF BANANA PEEL AND FRUIT VINEGARS BEFORE AND AFTER IN VITRO DIGESTION, Ancuța Elena PRISACARU, Cristina GHINEA, Laura Carmen APOSTOL, Sorina ROPCIUC, Vasile Florin URSACHI

17.¹⁵-17.²⁰

DAIRY-FREE FUNCTIONAL ICE CREAM BASED ON VEGETABLE RAW MATERIALS, Ionela IACOBAN, Ancuța CHETRARIU, Adriana DABIJA

17.²⁰-17.²⁵

THE EFFECT OF SEA SALT WITH A LOW SODIUM CONTENT ON DOUGH RHEOLOGY AND BREAD QUALITY, Andreea VOINEA, Silviu-Gabriel STROE, Sorina ROPCIUC, Georgiana Gabriela CODINĂ

17.²⁵-17.³⁰

STUDY ON CHANGES IN PHYSICO-CHEMICAL AND SENSORY PROPERTIES OF NATURAL JUICES APPLES AND RASPBERRIES, Amelia BUCULEI, Gabriela CONSTANTINESCU, Liliana ARGATU

17.³⁰-17.³⁵

EVALUATION OF WHEAT FLOUR DOUGH FERMENTATION PROPERTIES WITH DIFFERENT TYPES OF OILSEED FLOURS ADDITION, Ana-Maria ISTRATE, Ioan GONTARIU, Georgiana Gabriela CODINĂ

17.³⁰-17.³⁵

STABILITY ASSESSMENT OF SUNFLOWER OIL ENRICHED WITH BIOACTIVE COMPOUNDS FROM SEA

BUCKTHORN MARC, Anca-Mihaela GÂTLAN, Mircea Adrian OROIAN, Florin URSACHI, Ancuța CHETRARIU

17.⁴⁰-17.⁴⁵

BUCKWHEAT AS RAW MATERIAL FOR BREWING

A **MINI-REVIEW**, Marius-Eduard CIOCAN, Ancuța CHETRARIU, Adriana DABIJA

17.⁴⁵-17.⁵⁰ ([GMT + 2](#))

SACCHAROMYCETES AS BIOLOGICAL AGENTS FOR THE MEDIATED BIOSYNTHESIS OF SILVER NANOPARTICLES, Yevhen KHARCHENKO, Oksana SKROTSKA

17.⁵⁰-17.⁵⁵

QUALITY AND HEALTH RISK ASSESSEMENT OF HEAVY METALS IN BOTTLED BABY DRINKING WATER, Elena UNGUREANU, Gabriel MUSTATEA, Alexandru SOARE, Andreesa MOCANU, Mona Elena POPA

17.⁵⁵-18.⁰⁰

ALTERNATIVE IN VITRO METHODS TO POTENTIATE THE PRODUCTION OF SECONDARY METABOLITES FROM SAFFRON (*Crocus sativus* L.), Soukaina ABOU-WAKIL, Vasilica BARBU, Mihaela TURTURICA, Fatima HOUSTI, Mohamed ROCHD

18.⁰⁰-18.⁰⁵

TECHNOLOGY AND QUALITY CONTROL OF PRODUCTS FOR CHILDREN BY CAPITALIZING ON 10 VARIETIES OF APPLES, Alexandra Madalina MATEESCU, Vlad MUREȘAN, Sevastița MUSTE, Andruta Elena MUREȘAN

18.⁰⁵-18.¹⁰ [\(GMT + 2\)](#)

SUBSTANTIATION OF DIETARY SUPPLEMENT TECHNOLOGY BASED ON SUBLIMATED VEGETABLE RAW MATERIALS, Olena PODOBIY, Ihor ZHYTNETSKII, Maryna MALYK

18.¹⁰-18.¹⁵ [\(GMT + 2\)](#)

INFLUENCE OF THE ADDITION OF CHAMOMILE ON THE CONTENT OF TANNIN IN TEA, Anna MAKARENKO, Mariya VOROBETS, Iryna KONDRACHUK, Anastasia SACHKO

18.¹⁵-18.²⁰

DOUGH RHEOLOGICAL PROPERTIES AS AFFECTED BY ADDITION OF GERMINATED CHICKPEA FLOUR, Denisa ATUDOREI, Georgiana Gabriela CODINĂ

18.²⁰-18.²⁵

STUDY ON THE OPPORTUNITY TO IMPROVE THE QUALITY OF FLOUR FOR PASTRY BY ADDING CHEMICAL LEAVENING AGENTS, Gabriela CONSTANTINESCU (POP), Monica DINU, Petru ALEXE, Amelia BUCULEI

18.²⁵-18.³⁰

SPENT GRAIN FROM BREWING AND MALT WHISKY PRODUCTION. A COMPARATIVE ANALYSIS, Ancyuta CHETRARIU, Adriana DABIJA

13⁰⁰ – 16³⁰ (GMT + 2)

Oral presentations Sections 4,5,6:

Google meet: <https://meet.google.com/sdh-sgcr-taw>

4. Equipment for Food Industry
5. Ecology and Environment Protection
6. Multidisciplinary Science

Moderator: Cristina GHINEA, Cristina HREȚCANU

Food Engineering Faculty, Stefan cel Mare University of Suceava

13.⁰⁰-13.¹⁵ ([GMT + 2](#))

TRENDS AND EXPECTED BENEFITS OF INNOVATION IN PROCESSES AND EQUIPMENT OF BAKERY PRODUCTION, Volodymyr TELYCHKUN, Oleksandr GAVVA, Oleksii GUBENIA, Yuliia TELYCHKUN, Vitalii RACHOK

13.¹⁵-13.³⁰ ([GMT + 2](#))

CIRCULAR ECONOMY APPLIED TO AGRI-FOOD WASTE WATER, Luis Miguel AYUSO GARCIA, Sofia MARTINEZ LOPEZ

13.³⁰-13.⁴⁵

HEAVY METALS REMOVAL FROM WASTEWATERS BY MICROBIAL BIOMASS – AN ANALYSIS OF SORPTION-DESORPTION CYCLES, Cătălina FILOTE, Raluca-Maria HLIHOR, Mihaela ROȘCA, Isabela Maria SIMION

13.⁴⁵-14.⁰⁰

A COMPARATIVE STUDY OF THE GROWTH AND DEVELOPMENT OF *Origanum* sp. SEEDLINGS IN CADMIUM CONTAMINATED ENVIRONMENT, Laura Hagiu – ZALESCHI, Raluca Maria HLIHOR, Isabela Maria SIMION, Maria APOSTOL

14.⁰⁰-14.¹⁵ [\(GMT + 2\)](#)

MICROBIOLOGICAL DIVERSITY OF SOIL ORGANISMS UNDER THE INFLUENCE OF FERTILIZATION WITH VARIOUS DOSES OF UNCONVENTIONAL FERTILIZER, Miłosz PASTUSZCZAK

14.¹⁵-14.³⁰

RECENT ADVANCES IN MICROBIAL REMOVAL OF EMERGING POLLUTANTS: PROCESS EVALUATION FOR SCALING-UP, Mihaela ROȘCA, Raluca Maria HLIHOR, Petronela COZMA, Isabela Maria SIMION, Cătălina FILOTE, Maria GAVRILESCU

14.³⁰-14.⁴⁵

STUDIES ON THE EFFECT OF LEAD CONTAMINATED ENVIRONMENT FOR *Lavandula Angustifolia* "HIDCOTE BLUE", Isabela Maria SIMION, Laura HAGIU ZALESCHI, Dana ASIMINICESEI, Maria APOSTOL, Raluca Maria HLIHOR

14.⁴⁵-15.⁰⁰

PROPERTIES OF SAMBUCUS NIGRA FRUIT, Mirela ISAC, Sonia AMARIEI

15.⁰⁰-15.¹⁵ [\(GMT + 2\)](#)

PHYSICO-CHEMICAL PROPERTIES AND PROSPECTS OF USE OF CASEIN MICELLES IN MEDICINE, Yuliana LUKAN, Anastasiia SACHKO, Yuriy KHALAVKA

16³⁰ – 18³⁰ (GMT + 2)

Poster session – Section B

Google meet: <https://meet.google.com/sdh-sgcr-taw>

Moderator: Cristina GHINEA, Cristina HREȚCANU

Food Engineering Faculty, Stefan cel Mare University of Suceava

16.³⁰-16.³⁵ **(GMT + 2)**

MATHEMATICAL PLANNING IN THE SYNTHESIS OF BIOLOGICALLY ACTIVE Cu NANOPARTICLES,

Elena KRUPKO

16.³⁵-16.⁴⁰ ***BIOPOLYMERS: A SOLUTION FOR REPLACING POLYETHYLENE IN FOOD PACKAGING***

Sonia AMARIEI, Ionut AVRAMIA, Florin URSACHI, Ancuta CHETRARIU, Ancuta PETRARU

16.⁴⁰-16.⁴⁵

SYNTHESIS OF BIOSORBENTS BASED ON SACCHAROMYCES PASTORIANUS RESIDUAL BIOMASS BY IMMOBILIZATION AND ENCAPSULATION. COMPARATIVE EVALUATION OF PHARMACEUTICALS BIOSORPTION

Lăcrămioara RUSU, Cristina-Gabriela GRIGORAȘ, Elena-Mirela SUCEVEANU, Andrei-Ionuț SIMION, Bogdan ISTRATE

16.⁴⁵-16.⁵⁰

RECOVERY OF RESIDUAL BIOMASS OF Saccharomyces pastorianus IMMOBILIZED IN ALGINATE FOR THE RECOVERY OF REACTIVE DYE FROM AQUEOUS MEDIA, Daniela SUTEU, Alexandra Cristina BLAGA, Carmen ZAHARIA, Ramona Elena TATARU FARMUS

16.⁵⁰-16.⁵⁵

THE EFFECT OF ASPARAGINASE ON BREAD MAKING AND ACRYLAMIDE CONTENT IN BREAD, Cristina SARION, Adriana DABIJA, Georgiana Gabriela CODINĂ

16.⁵⁵-17.⁰⁰

STUDY REGARDING THE QUANTITATIVE OF THE ACTIVE COMPONENT OF SILYMARIN IN THE POWDER OF SILYBUM MARIANUM FROM DIFFERENT GEOGRAPHICAL AREAS, Maria POROCH - SERIȚAN, Mihaela JARCĂU, Narcisa Mihaela CORNEA

17.⁰⁰-17.⁰⁵

LIFE CYCLE ASSESSMENT OF WINE PRODUCTION, Cristina GHINEA, Ana LEAHU

17.⁰⁵-17.¹⁰

PLANT-BASED MILKS: ALTERNATIVES TO THE MANUFACTURE AND CHARACTERIZATION OF ICE CREAM, Ana LEAHU, Sorina ROPCIUC, Cristina GHINEA

17.¹⁰-17.¹⁵

WASTE MINIMIZATION AND UTILIZATION IN THE FOOD INDUSTRY: EXTRACTION OF VALUABLE COMPOUNDS FROM BERRY JUICEPROCESSING BY-PRODUCTS, Cristina DAMIAN, Ana LEAHU, Sorina ROPCIUC, Nicolae CARPIUC

17.¹⁵-17.²⁰

STUDY ON KINETICS OF TRANS-RESVERATROL, TOTAL PHENOLIC CONTENT AND ANTIOXIDANT ACTIVITY

INCREASE IN VINE WASTES DURING POST-PRUNING STORAGE, Alina CRĂCIUN, Gheorghe GUTT

17.²⁰-17.²⁵

RESEARCH REGARDING BY-PRODUCTS CAPITALIZATION FROM THE LYCOPERSICON ESCULENTUM TOMATOES PROCESSING, Dumitrița FLAIȘ, Mircea OROIAN

17.²⁵-17.³⁰

INFLUENCE OF THE RAW MATERIALS ON THE QUALITY OF FROZEN PASTRY PRODUCTS, Florina ANDRUȘCĂ, Amelia BUCULEI, Sonia AMARIEI

17.³⁰-17.³⁵

PHYSICO-CHEMICAL PARAMETERS, SUGARS CONTENT AND RHEOLOGICAL BEHAVIOUR OF AUTHENTIC HONEY, Daniela PAULIUC, Florina DRANCA, Sorina ROPCIUC, Paula CIURȘĂ, Mircea OROIAN

17.³⁵-17.⁴⁰

STUDY ON CONTAMINATION WITH SOME MYCOTOXINS IN MAIZE AND MAIZE-DERIVED FOODS, Alina MIHALCEA, Sonia AMARIEI

17.⁴⁰-17.⁴⁵

RESEARCH ON THE INFLUENCE OF THE ADDITION OF HEMP OIL ON THE RHEOLOGICAL PROPERTIES OF DOUGH AND THE QUALITY OF BREAD, Sorina ROPCIUC, Anuța Elena PRISACARU, Cristina DAMIAN, Ana LEAHU

17.⁴⁵-17.⁵⁰

AMARANTH SEEDS (AMARANTHUS CAUDATUS L.) A SOURS OF BIOACTIVE COMPOUNDS, Ovidiu-Nicu PROCOPEȚ, Mircea OROIAN

17.⁵⁰-17.⁵⁵ **(GMT + 2 HOUR)**

VOLTAMMETRIC DETERMINATION OF TRACES OF NICKEL(II) FROM FOODS, Liliana ANCHIDIN-NOROCEL

18.⁰⁰-18.⁰⁵

COMPETITION DISTORTIONS AND MEASURES, Dan HOFFMAN

18.⁰⁵-18.¹⁰

THE COVID-19 IMPACT ON FOOD CONSUMPTION AMONG YOUTHS IN N-E OF ROMANIA, Cristina – Elena HREȚCANU, Despina SAGHIN

18.⁰⁵-18.¹⁰

STUDY OF RĂCHIȚICA (VACCINIUM OXYCOCCUS) ACTIVE PRINCIPLES FOR POTENTIAL USE AS A MEDICINAL PLANT, Ofelia ARVINTE, Sonia AMARIEI

18.¹⁰-18.¹⁵

OILCAKES- A POTENTIAL SOURCE OF DIETARY FIBER, Ancuța PETRARU, Sonia AMARIEI

18.¹⁵-18.²⁰

NEW APPLICATIONS OF STARCH IN THE FOOD INDUSTRY: THE DEVELOPMENT OF EDIBLE PACKAGING MATERIALS, Roxana GHEORGHITA, Gheorghe GUTT

18.²⁰-18.²⁵ ([GMT + 2](#))

***DEVELOPMENT OF A NEW HIGHLY NUTRITIONAL
FERMENTED MILK PRODUCT FROM THE EXTRUDED
SUNFLOWER SEEDS,***

Johanna ILIUC, Oxana SEMA, Anastasia SACHKO, Victoria
YEVLASH, Igor KOBASA

18.²⁵-18.³⁰ ([GMT + 2](#))

***THE USE OF ESSENTIAL OILS (LEMON AND
ROSEMARY) TO EXTEND THE MICROBIOLOGICAL
QUALITY OF DUCK'S BREAST,***

Karol PIETRZYK, Maciej KLUZ

19⁰⁰ **(GMT+2)**

Conference closure

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