

International Conference

# MODERN TECHNOLOGIES IN THE FOOD INDUSTRY-2022

Fifth edition

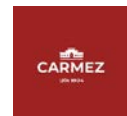


20-22 October, 2022  
Chisinau (Republic of Moldova)

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ZIRONI Roberto	University of Udine, Udine, Italy

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BULGARU Viorica	associate prof., PhD, Technical University of Moldova, Moldova
MELENCIUC Mihail	lecturer, Technical University of Moldova, Moldova

### **SECRETARIAT**

RADU Oxana	lect., PhD
COVACI Ecaterina	associate prof., PhD
SAVCENCO Alexandra	PhD student

## GENERAL PROGRAMME

### The 19th of October 2022

15<sup>00</sup> – 19<sup>00</sup> – Guests arrival in Chisinau, (Campus 5, Studentilor 9/9 str., office 202).

### The 20th of October 2022

Time	Activity	Location
9 <sup>00</sup> – 9 <sup>45</sup>	Registration	Campus 5
9 <sup>45</sup> – 10 <sup>30</sup>	Opening ceremony	Campus 5, auditorium 5-I
10 <sup>30</sup> – 12 <sup>30</sup>	Plenary ceremony	Campus 5, auditorium 5-I
12 <sup>30</sup> – 13 <sup>00</sup>	Coffee break	Campus 5, auditorium 5-I
13 <sup>00</sup> – 14 <sup>45</sup>	First oral presentation	Section I (FET) Campus 5, auditorium 5-408
		Section II (FSN) Campus 5, auditorium 5-319
		Section III (FCOBFI) Campus 5, auditorium 5-120
14 <sup>45</sup> – 15 <sup>15</sup>	Coffee break	Campus 5, auditorium 5-I
15 <sup>15</sup> – 17 <sup>00</sup>	Second oral presentation	Section I (FET) Campus 5, auditorium 5-408
		Section II (FSN) Campus 5, auditorium 5-319
		Section III (FCOBFI) Campus 5, auditorium 5-120

### The 21<sup>th</sup> of October 2022

Time	Activity	Location
09 <sup>00</sup> – 12 <sup>00</sup>	Poster presentation	Campus 5, Entrance Hall / 5-120
13 <sup>00</sup> – 15 <sup>00</sup>	The Republican Seminar <i>“Molecular detection of pathogenic microorganisms from different food products”</i> within the state project <i>“Improvement of food quality and safety by biotechnology and food engineering”</i>	Campus 5, auditorium 5-120

## OPENING CEREMONY AND PLENARY PRESENTATIONS

The 20th of October 2022

9<sup>45</sup> – 12<sup>30</sup>

Campus 5, auditorium 5-I

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**Chairman:** Prof., Dr. hab. **STURZA** Rodica

<b>Time</b>	<b>Authors, affiliation, paper's title</b>
9 <sup>45</sup> – 10 <sup>30</sup>	Opening ceremony
10 <sup>30</sup> – 11 <sup>00</sup>	<b><u>Pavel TATAROV</u></b> <i>Technical University of Moldova, Chisinau, Moldova</i> <b>SYSTEMIC APPROACH AND HOLISTIC THINKING IN THE FIELD OF FOOD PRODUCT ENGINEERING</b>
11 <sup>00</sup> – 11 <sup>30</sup>	<b><u>Rodica SIMINIUC</u></b> , Dinu TURCANU <i>Technical University of Moldova, Chisinau, Moldova</i> <b>FOOD SECURITY OF PEOPLE WITH CELIAC DISEASE IN THE REPUBLIC OF MOLDOVA THROUGH PRISM OF PUBLIC POLICIES</b>
11 <sup>30</sup> – 12 <sup>00</sup>	<b><u>Boris GAINA</u></b> , Rodica STURZA, Ana-Maria BORTA <i>Academy of Sciences of Moldova, Chisinau, Moldova;</i> <i>Technical University of Moldova, Chisinau, Moldova</i> <b>PERSPECTIVE DIRECTIONS FOR THE RECOVERY OF WINE WASTE IN THE REPUBLIC OF MOLDOVA</b>
12 <sup>00</sup> – 12 <sup>30</sup>	<b><u>Viorica BULGARU</u></b> <i>Technical University of Moldova, Chisinau, Moldova</i> <b>QUALITY INDICES ASSESSMENT OF DRY AGED BEEF</b>
12 <sup>30</sup> – 13 <sup>00</sup>	Coffee break

# FIRST ORAL PRESENTATION

The 20th of October 2022

13<sup>00</sup> – 14<sup>45</sup>

Campus 5, auditorium 5-408

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## Section I: Food Engineering and Technology

Assessors: Prof., PhD. hab., *Pavel TATAROV*  
Assoc. Prof., PhD. hab., *Aliona GHENDOV-MOȘANU*  
Assoc. Prof., PhD. *Artur MACARI*

No	Authors, affiliation, paper's title
<b>Section I</b>	
1.	<u>Mihail MELENCIUC</u> , Natalia TISLINSCAIA, Vitali VISANU, Mihail BALAN, Igor GÎDEI. <i>Technical University of Moldova, Chisinau, Moldova</i> <b>COMPARATIVE STUDY OF CONVENTIONALLY AIR DRIED AND CO<sub>2</sub> MODIFIED ATMOSPHERE DRIED “CONFERENCE” PEARS</b>
2.	<u>Tatiana CEȘKO</u> , Angela GUREV, Veronica DRAGANCEA, Aliona GHENDOV-MOSANU <i>Technical University of Moldova, Chisinau, Moldova</i> <b>YIELD AND PHYSICO-CHEMICAL PROPERTIES OF PECTIN OBTAINED FROM APPLE POMACE IN NON-TRADITIONAL WAYS</b>
3.	<u>Irina DIANU</u> , Artur MACARI, Natalia NETREBA, Alexei BAERLE, Olga BOEȘTEAN, Iuliana SANDU, <i>Technical University of Moldova, Chisinau, Moldova</i> <b>COLOUR-THE MARKER MATURITY FRUITE OF SEA BUCKTHORN BERRIES</b>
4.	<u>Igor GAPONYUK</u> <i>National University of Food Technologies, Kyiv, Ukraine</i> <b>DRIVING POTENTIAL OF GASES IN THE GRAINS LAYER</b>
5.	<u>Igor GÎDEI</u> , Vasile CARTOFEANU, Leonid IVANOV, Natalia TISLINSCAIA, <i>Technical University of Moldova, Chisinau, Moldova</i> <b>PRACTICAL APPLICATIONS OF HEAT PUMPS IN FOOD INDUSTRY</b>
6.	Maria BOTA, <u>Vitali VISANU</u> , Natalia TISLINSCAIA, Mihail BALAN, Mihail MELENCIUC <i>Technical University of Moldova, Chisinau, Moldova</i> <b>DEHYDRATION PROCESS OF TOMATO FRUIT BY FORCED CONVECTION AT THE TUNNEL-TYPE INSTALLATION</b>
14 <sup>45</sup> – 15 <sup>15</sup>	Coffee break

**Section II: Food Safety and Nutrition**

**Assessors:** Ass. Prof., Dr. *Vladislav RESITCA*  
 Ass. Prof., Dr. *Aurica CHIRSANOVA*  
 Prof., PhD *Olga DESEATNICOVA*  
 Ass. Prof., Dr. *Daniela PALADI*

No	Authors, affiliation, paper's title
<b>Section II</b>	
1.	Tatiana CAPCANARI, Aurica CHIRSANOVA, <u>Cătălina NEGOITA</u> , Eugenia COVALIOV, Rodica SIMINIUC <i>Technical University of Moldova, Chisinau, Moldova</i> <b>AGRO-INDUSTRIAL POTENTIAL OF CANNABIS SATIVA L. SEEDS AS A SOURCE OF BIOLOGICAL ACTIVE SUBSTANCES</b>
2.	<u>Oxana RADU</u> , Tatiana CAPCANARI, Aurica CHIRSANOVA, Rodica STURZA <i>Technical University of Moldova, Chisinau, Moldova</i> <b>ANALYSIS OF CONSUMER BEHAVIOUR RELATED TO GERIATRIC NUTRITION IN THE REPUBLIC OF MOLDOVA</b>
3.	<u>Maria Camelia GOLEA</u> , Paula-Maria GALAN, Livia-Ioana LEȚI, Georgiana Gabriela CODINĂ <i>"Stefan cel Mare" University of Suceava, Suceava, Romania;</i> <i>Vegetal Genetic Resources Bank "Mihai Cristea, Suceava, Romania;</i> <i>Alexandru Ioan Cuza University, Iasi, Romania</i> <b>ASSESSING OF THE GENETIC DIVERSITY OF VARIOUS WHEAT VARIETIES CULTIVATED IN ROMANIA</b>
4.	<u>Aurica CHIRSANOVA</u> , Rodica SIMINIUC, Vladislav REȘITCA, Dinu ȚURCANU <i>Technical University of Moldova, Chisinau, Moldova</i> <b>FOOD IN CORRELATION WITH CHILD AUTISM: CASE STUDY IN THE REPUBLIC OF MOLDOVA</b>
5.	<u>Alina BOISTEAN</u> , Aurica CHIRSANOVA, Natalia CHISELIȚA, Oleg CHISELIȚA <i>Technical University of Moldova, Chisinau, Moldova</i> <b>EVALUATION OF THE QUALITY OF VEGAN SAUCE WITH THE ADDITION OF MULTIFUNCTIONAL COMPOUNDS</b>
6.	<u>Liudmyla PYLYPENKO</u> , Yakov VERKHIVKER, Antonina IEGOROVA, <i>Odessa National University of Technology, Odessa, Ukraine</i> <b>FOOD SECURITY FOR UKRAINIANS DURING THE ARMED CONFLICT</b>
14 <sup>45</sup> – 15 <sup>15</sup>	Coffee break

**Section III: Food Chemistry, Oenology and Biotechnology in the Food Industry**

**Assessors:** Prof., PhD. hab. **Rodica STURZA**  
 Assoc. Prof., PhD. **Raisa DRUȚĂ**  
 Prof., PhD. **Anatol BALANUȚĂ**

No	Authors, affiliation, paper's title
<b>Section III</b>	
1.	Liliana CECLU, Liudmila ROSCA-SADURSCHI, Marina BUNEA <i>State University "Bogdan Petriceicu Hasdeu" of Cahul, Cahul Moldova</i> <b>BIOPOLYMERS FROM FOOD WASTES</b>
2.	<u>Nikita SIMINEL</u> , Rodica STURZA <i>Technical University of Moldova, Chisinau, Moldova</i> <b>UNDERSTANDING THE BARRIER PROPERTIES OF CLAY-BASED FOOD PACKAGING. A CONTRIBUTION FROM COMPUTATIONAL MODELLING</b>
3.	<u>Ecaterina COVACI</u> , Aliona SCLIFOS, Anatol BALANUȚĂ <i>Technical University of Moldova, Chisinau, Moldova</i> <b>FETEASCĂ NEAGRĂ WINE QUALITY INFLUENCED BY TERROIR IN DIFFERENT ECOSYSTEMS FROM REPUBLIC OF MOLDOVA</b>
4.	<u>Antoanela PATRAS</u> <i>"Ion Ionescu de la Brad" Iasi University of Life Sciences", Iasi, Romania</i> <b>INFLUENCE OF TEMPERATURE AND PH ON THE COLOUR PARAMETERS OF RED BEETROOT PIGMENTS</b>
5.	<u>Iury SCUTARU</u> , Ion PUȘCĂ <i>Technical University of Moldova, Chisinau, Moldova</i> <b>PINKING EFFECT IN WHITE WINES AND ITS REMOVAL WITH EXPERIMENTAL ACTIVATED CARBON AC-C</b>
6.	<u>Dmitri LAZAKOVICH</u> <i>Central laboratory for testing of alcoholic/non-alcoholic beverages and canned products, Chisinau, Republic of Moldova</i> <b>PHTALATE DECONTAMINATION IN THE ALCOHOLIC MATRIX</b>
14 <sup>45</sup> – 15 <sup>15</sup>	Coffee break



## SECOND ORAL PRESENTATION

The 20th of October 2022

15<sup>15</sup> – 17<sup>00</sup>

Campus 5, auditorium 5-408

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**Section I: Food Engineering and Technology**

**Assessors:** Prof., PhD. hab., *Pavel TATAROV*  
Assoc. Prof., PhD. hab., *Aliona GHENDOV-MOȘANU*  
Assoc. Prof., PhD. *Artur MACARI*

No	Authors, affiliation, paper's title
<b>Section I</b>	
1.	<b><u>Mihail MAZUR</u></b> , Valentin CELAC, Aliona GHENDOV-MOȘANU <i>Technical University of Moldova, Chisinau, Moldova;</i> <i>Moldova State University, Chisinau, Moldova</i> <b><i>QUALITY INDICES OF VEGETABLE SPONGE-TYPE CONFECTIONERY PRODUCTS, OBTAINED FROM AQUAFABA</i></b>
2.	<b><u>Olesea SAITAN</u></b> , Ruslan ȚARNĂ, Aliona GHENDOV-MOSANU <i>Technical University of Moldova, Chisinau, Moldova</i> <b><i>INFLUENCE OF BREWER'S SPENT GRAIN ON QUALITATIVE INDICATORS OF BREAD FROM WHEAT FLOUR</i></b>
3.	<b><u>Nadeida TURCULET</u></b> , Aliona GHENDOV-MOȘANU, Rodica STURZA <i>Technical University of Moldova, Chisinau, Moldova</i> <b><i>THE REDUCTION OF CONTAMINATION OF BAKERY PRODUCTS WITH BACILLUS SUBTILIS</i></b>
4.	<b><u>Iuliana SANDU</u></b> , Alexei BAERLE, Pavel TATAROV, Eva IVANIȘOVA <i>Technical University of Moldova, Chisinau, Moldova</i> <b><i>THE ROLE OF DEPHENOLISATION FOR THE BIOLOGICAL AND TECHNOLOGICAL VALUE OF THE OLD WALNUTS</i></b>
5.	<b><u>Ruslan ȚARNĂ</u></b> <i>Technical University of Moldova, Chisinau, Moldova</i> <b><i>VALORISATION OF WASTE FROM BREWING INDUSTRY</i></b>
6.	Natalia NETREBA, Iuliana SANDU, Artur MACARI, Olga BOESTEAN, Alexei BAERLE, Irina DIANU <i>Technical University of Moldova, Chisinau, Moldova</i> <b><i>SPECIES DIVERSITY OF THE MICROBIOTA OF SEA BUCKTHORN BERRIES</i></b>

**Section II: Food Safety and Nutrition**

**Assessors:** Ass. Prof., Dr. *Vladislav RESITCA*  
 Ass. Prof., Dr. *Aurica CHIRSANOVA*  
 Prof., PhD *Olga DESEATNICOVA*  
 Ass. Prof., Dr. *Daniela PALADI*

No	Authors, affiliation, paper's title
<b>Section II</b>	
1.	<u><b>Nina VORONA</b></u> , Alla MAKARYNSKA <i>Odesa National University of Technology, Odesa, Ukraine</i> <b>GOOSE BREEDING IS A PROMISING BRANCH OF THE ECONOMY</b>
2.	<u><b>Eugenia COVALIOV</b></u> , Violina POPOVICI, Vladislav REȘITCA, Rodica SIMINIUC <i>Technical University of Moldova, Chisinau, Moldova</i> <b>NUTRITIONAL STATUS OF PREGNANT WOMEN FROM REPUBLIC OF MOLDOVA</b>
3.	<u><b>Anatoli CARTASEV</b></u> <i>Comrat State University, Comrat, UTA Gagauzia, Moldova</i> <b>TRADITIONAL MOLDOVAN CHEESE MICROLORA</b>
4.	Aurica CHIRSANOVA, Victor ȚIȚEI, Alina BOIȘTEAN, Eugenia COVALIOV, Tatiana CAPCANARI, <u><b>Marcel ZACUTELU</b></u> <i>Technical University of Moldova, Chisinau, Moldova;</i> <i>"Alexandru Ciubotaru" National Botanical Garden (Institute), Chisinau, Moldova</i> <b>SORPTION CHARACTERISTICS OF WHEAT AND JERUSALEM ARTICHOKE (<i>HELIANTHUS TUBEROSUS</i>) FLOUR MIXES</b>
5.	<u><b>Natalia SUHODOL</b></u> , Eugenia COVALIOV, Olga DESEATNICOVA, Tatiana CAPCANARI, Aurica CHIRSANOVA, Alina BOIȘTEAN, <i>Technical University of Moldova, Chisinau, Moldova</i> <b>THE PROBLEM OF LACTOSE INTOLERANCE IN CHILDREN FROM THE REPUBLIC OF MOLDOVA</b>
6.	<u><b>Irina Mihaela MATRAN</b></u> , Gabriela VLĂSCEANU <i>George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Targu Mures, Targu Mures, Romania;</i> <i>Bioterra University, Bucharest, Romania</i> <b>THE USE EDIBLE INSECTS IN THE BAKERY INDUSTRY</b>

### Section III: Food Chemistry, Oenology and Biotechnology in the Food Industry

Assessors: Prof., PhD. hab. **Rodica STURZA**  
 Assoc. Prof., PhD. **Raisa DRUȚĂ**  
 Prof., PhD. **Anatol BALANUȚĂ**

No	Authors, affiliation, paper's title
<b>Section III</b>	
1.	<b><u>Veronica DRAGANCEA</u></b> , Angela GUREV, Tatiana CEȘCO, Aliona GHENDOV-MOȘANU <i>Technical University of Moldova, Chisinau, Moldova</i> <b>THE ANTIOXIDANT PROPERTIES OF PECTIN OBTAINED FROM FRESH, FROZEN, AND DRIED APPLE POMACE</b>
2.	Gheorghe DUCA, Rodica STURZA, Olga COVALIOVA, Ecaterina COVACI, <b><u>Corina TASCA</u></b> <i>Institute of Chemistry, Chisinau, Moldova;</i> <i>Technical University of Moldova, Chisinau, Moldova</i> <b>THE INFLUENCE OF BIOACTIVE ADDITIVES ON THE PROCESS OF ALCOHOLIC FERMENTATION OF WASTE BIOMAS</b>
3.	Iurie SCUTARU, Rodica STURZA, <b><u>Lucia GHERDELESCU</u></b> <i>Technical University of Moldova, Chisinau, Moldova</i> <b>OXIDATIVE-REDUCING PROCESSES IN WINEMAKING</b>
4.	Iurie Subotin, Raisa Druta, Ecaterina Covaci, Lucia Gherdelescu <i>Technical University of Moldova, Chisinau, Moldova</i> <b>THE DYNAMICS OF THE OXIDATION PROCESS OF WHITE WINES DEPENDING ON TEMPERATURE, MOLECULAR OXYGEN RATE AND PH</b>
5.	Rodica Sturza, <b><u>Constantin BÎLICI</u></b> <i>Technical University of Moldova, Chisinau, Moldova</i> <b>ANALYSIS OF THE ELEMENTAL COMPOSITION OF MOLDOVAN WINES</b>
6.	<b><u>Nicolae LUCA</u></b> <i>Technical University of Moldova, Chisinau, Moldova</i> <b>DELAWARE - AN OLD GRAPE VARIETY – REDISCOVERED</b>
7.	Lăcrămioara RUSU, Elena-Mirela SUCEVEANU, Cristina-Gabriela GRIGORAȘ, Andrei-Ionuț SIMION <i>Vasile-Alecsandri” University of Bacau, Bacau, Romania</i> <b>VALORIZATION OF BREWERY SPENT YEAST FOR THE SYNTHESIS OF BIOCOMPOSITE MATERIALS WITH APPLICATIONS IN WATER TREATMENT</b>

## POSTER PRESENTATION

The 21th of October 2022

09<sup>00</sup> – 11<sup>00</sup>

Online Session: Campus 5, Auditorium 5-120

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**Assessors:** Assoc. Prof., PhD. *Daniela PALADI*  
Assistant Prof., PhD. *Oxana RADU*  
Assoc. Prof., PhD. *Ecaterina COVACI*

Nr.	Authors	Paper's title
1.	Igor GAPONYUK	<i>CHANGE BY MASS EXCHANGE THROUGH A DRIVING POTENTIAL GRADIENT</i>
2.	Mircea BOLOGA Tatiana KUBRITSKAYA Tatiana SHEMYAKOVA	<i>DESTRUCTION OF THE SURFACE OF PEPPER SEEDS USING THE CAVITATION METHOD</i>
3.	Igor GAPONYUK	<i>HEAT AND MASS EXCHANGE OF PHASE ENVIRONMENTS IN THE THICKNESS OF THE LAYES GRAIN OF THE DRYER</i>
4.	Olga DESEATNICOVA Eugenia COVALIOV Natalia SUHODOL Vitali VISANU Natalia TISLINSCAIA	<i>IMPACT OF DRYING PROCES ON PEACH QUALITY</i>
5.	Igor GAPONYUK	<i>INTENSIFICATION OF GRAIN CLEANING BY INCREASING THE COEFFICIENT OF EXTERNAL FRICTION</i>
6.	Iuliana-Maria ENACHE Liliana LUCESCU CIURLĂ Nicoleta STĂNCIUC Liviu Mihai IRIMIA Antoanela PATRAȘ Camelia VIZIREANU	<i>MICROENCAPSULATION OF ANTHOCYANINS FROM CORNELIAN CHERRY FRUITS IN WHEY PROTEIN ISOLATE AND PECTIN</i>
7.	Irina-Claudia ALEXA Elena-Mirela SUCEVEANU Daniela NICUȚĂ Luminița GROSU Oana-Irina PATRICIU Adriana-Luminița FÎNARU	<i>NEW APPROACHES FOR FETEASCĂ NEAGRĂ GRAPE POMACE VALORISATION</i>

Nr.	Authors	Paper's title
8.	Ana-Maria GEORGESCU Alisa-Vasilica ARUS Nicoleta PLATON Gabriela MUNTIANU Françoise NARDOU Ileana-Denisa NISTOR	<i>POSSIBLE USING OF CLAY-BASED NANOMATERIALS IN ENVIRONMENTAL DE POLLUTION</i>
9.	Elena ANTIPINA Sofia OZOLINA	<i>PUMPKIN SEED PASTE</i>
10.	Iury SCUTARU Aliona SCLIFOS Vasile ARHIP	<i>REDUCTION OF THE IMPACT OF GRAY ROT OF CABERNET-SAUVIGNON AND PINOT GRIS GRAPES ON THE FERMENTING MUST WITH THE HELP OF ACTIVE CARBON AC-C</i>
11.	Marius Eduard CIOCAN Rozália Veronika SALAMON Adriana DABIJA	<i>RESEARCH ON OBTAINING SOME TYPES OF BEER FROM UNCONVENTIONAL RAW MATERIALS</i>
12.	Igor Gaponyuk	<i>RESISTANCE MOISTURE DIFFUSION DECREASE IN THE CAPILLAR-IES OF THE BODIES BY INCREASING THEIR PRESSURE</i>
13.	HORTOLOMEU Andreea MIRILA Diana-Carmen DIDI Mohamed Amine STURZA Rodica SCUTARU Yuri NISTOR Ileana-Denisa	<i>RETENTION OF WINE POLLUTANTS ON CHEMICALLY MODIFIED CLAYS WITH DENDRIMERS</i>
14.	Diana-Carmen MIRILA Dumitra RADUCANU Ana-Maria ROȘU Ana-Maria GEORGESCU Denisa-Ileana NISTOR	<i>SYNTHESIS, CHARACTERIZATION AND TESTING OF A NEW MATERIAL OBTAINED ON THE BASIS OF NATURAL CLAY INTERCALATED WITH SILVER IONS</i>
15.	Bogdan Iegorov Alla Makarynska Olena Kananykhina Tetiana Turpurova	<i>TECHNOLOGY OF STABILIZATION OF ACTIVE FEED YEAST</i>
16.	Cristian STAVILA Iurie RUMEUS	<i>THE USE OF BEETROOT AND SPINACH FOOD POWDERS TO OBTAIN BREAD WITH MULTICOLORED CORE</i>
17.	Oleksandr TSIUNDYK Alla LAPINSKAYA Liudmyla FIHURSKA Ilona CHERNEHA	<i>USE OF BY-PRODUCTS OF THE FOOD INDUSTRY IN THE ANIMAL FEEDS</i>

Nr.	Authors	Paper's title
1.	Tatiana CUȘMENCO	<i>ANALYSIS OF THE PHYSICAL PROPERTIES OF FRUIT YOGURT</i>
2.	Daniela COJOCARI Artur MACARI Elisaveta SANDULACHI	<i>ANTIMICROBIAL EFFECT OF BASIL, THYME AND TARRAGON AGAINST S. ABONY</i>
3.	Violina POPOVICI Eugenia COVALIOV Olga GUTIU Rodica SIMINIUC Vladislav RESITCA	<i>BIOACTIVE POTENTIAL OF SOME CONDIMENTARY PLANTS: WILD GARLIC (ALLIUM URSINUM), SORREL (RUMEX ACETOSA L.), NETTLE (URTICA DIOICA)</i>
4.	Liliana POPESCU Maria-Loredana SORAN Ildiko LUNG Ocsana OPRIS Irina KACSO Alexandra CIORÎȚĂ Aliona GHENDOV-MOSANU Artur MACARI Maria-Marcela BARBAROȘ Rodica STURZA	<i>CHEMICAL CHARACTERIZATION OF ALGINATE-ENCAPSULATED PLANT EXTRACTS</i>
5.	Natalia NETREBA Olga BOESTEAN	<i>COMPARATIVE CHARACTERISTICS OF RAW MATERIALS FOR FUNCTIONAL FRUIT CHIPS</i>
6.	Mihail BALAN Natalia ȚISLINSKAIA Vitali VIȘANU Mihail MELENCIUC Victor POPESCU	<i>DEVICE FOR UNIFORM AIR DISTRIBUTION IN A TUNNEL DRYER</i>
7.	Iury SCUTARU Vasile ARHIP Vasile BOTNARI Eugen ALEXANDROV	<i>ECOLOGICAL POTENTIAL OF INTERSPECIFIC RHIZOGENIC GRAPES VARIETES FOR PRODUCTION OF BIODRINKS</i>
8.	Eugenia COVALIOV Natalia SUHODOL Vladislav RESITCA Olga DESEATNICOVA Tatiana CAPCANARI	<i>EFFECT OF MILK THISTLE (SILYBUM MARIANUM L.) SEEDS POWDER ON QUALITY CHARACTERISTICS OF SPONGE CAKE</i>

<b>Nr.</b>	<b>Authors</b>	<b>Paper's title</b>
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<b>10.</b>	Nina MIJA Daniela PALADI	<i>ENZIMATIC ASSAY OF DIGESTIBILITY OF DIETARY FATS</i>
<b>11.</b>	Violina POPOVICI Rodica STURZA Aliona GHENDOV-MOSANU	<i>EVALUATION OF ANTIOXIDANT ACTIVITY IN VITRO OF DONUTS ENRICHED WITH BERRY POWDER</i>
<b>12.</b>	Rodica SIMINIUC Dinu ȚURCANU Aurica CHIRSANOVA Vladislav REȘITCA Tatiana ȚURCANU	<i>EVALUATION OF THE EATING BEHAVIOR OF UTM EMPLOYEES DURING THE LOCKDOWN</i>
<b>13.</b>	Ecaterina ROBU Elena SERGHEEVA Cristina POPOVICI	<i>FUNCTIONAL FOODS: A STUDY OF CONSUMER PERCEPTION AND PREFERENCES IN THE REPUBLIC OF MOLDOVA</i>
<b>14.</b>	Ecaterina COVACI	<i>KINETIC AND TECHNOLOGICAL INVESTIGATION ON FETEASCĂ NEAGRĂ GRAPE POMACE EXTRACTS</i>
<b>15.</b>	Vadim DRUȚĂ Vasile LOZAN	<i>NEW FUNCTIONALIZED DERIVATIVES OF BIMESITYLENE</i>
<b>16.</b>	Tatiana CAPCANARI Aurica CHIRSANOVA Eugenia COVALIOV Oxana RADU Olga DESEATNICOVA Natalia SUHODOL Alina BOIȘTEAN	<i>NUTRITIONAL ATTRIBUTES OF GOJI (LYCIUM BARBARUM) BERRY - A REVIEW</i>
<b>17.</b>	Aurica CHIRSANOVA Alexandru NISTIRIUC Aurelia LITVIN	<i>POSSIBILITIES OF PROMOTING GASTRONOMIC TOURISM IN THE REPUBLIC OF MOLDOVA</i>
<b>18.</b>	Anatol BALANUȚĂ Aliona SCLIFOS Ecaterina COVACI	<i>THE DETERMINATION OF YEAST VIABILITY IN THE CONCENTRATED SUGAR SOLUTIONS</i>
<b>19.</b>	Viorica BULGARU	<i>THE EFFECT OF THE DRY AGING PROCESS ON THE BEEF COLOR</i>
<b>20.</b>	Liliana POPESCU Viorica BULGARU	<i>THE EFFECTS OF LACTOSE HYDROLYSIS ON THE LACTOSE-FREE YOGURT QUALITY</i>

<b>Nr.</b>	<b>Authors</b>	<b>Paper's title</b>
21.	Violina POPOVICI Raisa DRUTA Iurie SUBOTIN Rodica STURZA	<i>THE IMPACT OF ANTIOXIDANTS ON THE OXIDATIVE STABILITY OF SOME EDIBLE OILS</i>
22.	Iurie SCUTARU Aliona SCLIFOS Georgeta MOGA	<i>THE IMPACT OF EXPERIMENTAL THE IMPACT OF EXPERIMENTAL ACTIVATED CARBONS ON POLYPHENOL OXIDASE ACTIVITY IN MUST AND WINE</i>
23.	Leonid IVANOV Vitali VISANU Natalia TISLINSKAIA Mihail BALAN Mihail MELENCIUC	<i>THE MATHEMATICAL MODEL OF MASS AND HEAT TRANSFER FOR MICROWAVE INSTALLATIONS</i>
24.	Alina BOIȘTEAN Aurica CHIRSANOVA Rodica SIMINIUC Dinu ȚURCANU Vladislav REȘITCA	<i>THE USE OF NATURAL PRESERVATIVE IN PRODUCTION GUMMY CANDIES: VALUATION OF LOCAL WINE VINEGAR</i>
25.	Ivan CATARAGA Olga COȘELEVA Nicolaie EREMIA Serghei POGREBNOI Natalia SUCMAN Fliur MACAEV	<i>THE USE OF POLYDISPERSE CHITOSANAS A STIMULATING FOOD ADDITIVE FOR BEES</i>
26.	Ancuța CHETRARIU Adriana DABIJA	<i>THE USE OF SPENT GRAIN IN OBTAINING SOME FLOUR PRODUCTS</i>
27.	Iurie SCUTARU Mihai ADOMNIȚA Aliona SCLIFOS	<i>TREATMENT OF RED WINES FROM LOCAL AND EUROPEAN VARIETIES WITH ACTIVATED CARBON: THE IMPACT ON CHROMATIC PARAMETERS</i>
28.	Valentina BANTEA-ZAGAREANU, Alexandra SAVCENCO, Alexei BAERLE, Pavel TATAROV	<i>USE OF YELLOW FOOD DYE FROM SAFFLOWER PETALES IN PRODUCING OF CAMEL</i>



## THE REPUBLICAN SEMINAR

“Molecular detection of pathogenic microorganisms from different food products” within the state project “Improvement of food quality and safety by biotechnology and food engineering”

The 21th of October 2022

13<sup>00</sup> – 15<sup>00</sup>

Campus 5, auditorium 5-120

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No	Authors, affiliation, paper's title
1.	<b><u>Irina MITINA</u></b> <i>Institute of Genetics, Physiology and Plant Protection, Chisinau, Moldova</i> <b>THE DYNAMICS OF POTENTIAL MYCOTOXIN PRODUCING FUNGI IN CORN SAMPLES DURING STORAGE</b>
2.	<b><u>Dan ZGARDAN</u></b> <i>Technical University of Moldova, Chisinau, Moldova</i> <b>THE MOLECULAR DETECTION OF BRETTANOMYCES WILD YEAST IN RAW WINES</b>
3.	<b><u>Emilia BEHTA</u></b> <i>Institute of Genetics, Physiology and Plant Protection, Chisinau, Moldova</i> <b>THE DEVELOPMENT OF THE REAL-TIME PCR FOR DETECTING COMMON FOODBORNE PATHOGENS</b>
4.	<b><u>Angela DEAGHILEVA</u></b> <i>Institute of Genetics, Physiology and Plant Protection, Chisinau, Moldova</i> <b>EXTRACTION AND PURIFICATION OF TOTAL DNA FROM SOIL FOR PCR IDENTIFICATION OF MICROORGANISM COMPOSITION</b>

