



# **THE INTERNATIONAL SALON OF INVENTION AND INNOVATIVE ENTREPRENEURSHIP**

**PROGRAMME  
12 October 2023**

**CHISINAU  
REPUBLIC OF MOLDOVA**

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10.00 - 10.30 - The official opening

10.30-13.00 - Presentation of works

13.00-14.00 - Lunch break

14.00-17.00 - Presentation of works

17.00-18.00 - Announcement of results

## Category A. INVENTIONS

1. **ALEXA Ersilia, RADULOV Isidora, POPESCU Cosmin Alin, RABA Diana Nicoleta, POIANA Mariana-Atena, COCAN Ileana, NEGREA Monica, MISCA Corina, OBIȘTIOIU Diana, DRAGOMIR Christine, DOSSA Sylvestre, SUSTER Gabriel.** PREMIXURI BIOFUNCTIONALE (PMXBF) PE BAZĂ DE GRÂU SPELTA CU APLICABILITATE IN INDUSTRIA ALIMENTELOR FĂINOASE/ BIOFUNCTIONAL PREMIXES (PMXBF) BASED ON SPELT WHEAT WITH APPLICATION IN THE FLOUR FOOD INDUSTRY
2. **BALMUȘ Nicolae, ANDRONIC Ion, CHIRIAC Tatiana.** VIRTUAL WAVE OPTICS LABORATORY (LabVirt 1.00)
3. **BAROI Anda Maria, FIERASCU Irina, BRAZDIS (MATEI) Roxana Ioana, FISTOS Toma, FIERASCU Radu Claudiu, CHICAN Irina Elena, HOSU Ioana Silvia, RADULY Monica Florentina.** COSMETIC FORMULATION FOR SUN PROTECTION WITH ANTIMICROBIAL EFFECT BASED ON SILVER NANOPARTICLES AND NATURAL EXTRACTS AND PROCEDURE FOR OBTAINING IT
4. **BEȘLIU Alina, CHISELIȚA Natalia, CHISELIȚA Oleg, EFREMOVA Nadejda, TOFAN Elena, RUDIC Valeriu.** ANTIOXIDANT EXTRACTS BASED ON NATURAL PIGMENTS.
5. **BIRTOK-BANEASA Corneliu.** A-S-F SUPER-ASPIRATED AIR FILTER
6. **BÎRSA Maxim, BURȚEVA Svetlana, ȘIRBU Tamara, GARBUZNEAC Anastasia, ȘEPTIȚCHI Vladimir.** INFLUENCE OF STREPTOMYCETE BIOMASS ON THE PHYSIOLOGICAL INDICATORS OF HOMEOTHERMIC ANIMALS.
7. **BORDEAN Despina-Maria, IANCU Tiberiu, RIVIȘ Adrian, HADARUGA Nicoleta Gabriela, ȘTEF Ducu Sandu, DUMBRAVĂ Delia-Gabriela, MIȘCĂ Corina Dana, MOLDOVAN Camelia, RABA Diana-Nicoleta, POPA Viorica-Mirela, ALDA Liana Maria, BOROZAN Aurica-Breica, POIANĂ Mariana-Atena, RĂDOI Bogdan Petru, ALDA Simion, RĂDULESCU Laura, PÎRVULESCU Luminița, MOIGRĂDEAN Diana.** G-U-G (GOLD - UMAMI - GREENS) BY *AKADEMIKAFOOD*
8. **BORDEAN Despina-Maria, RIVIS Adrian, ȘTEF Ducu-Sandu, MOLDOVAN Camelia, DUMBRAVA Delia, ALDA Liana Maria, RABA Diana Nicoleta, POPA Mirela, POIANA Mariana-Atena, BOROZAN Aurica Breica, RADULESCU Laura, ALDA Simion.** GEM-JAM FUNCTIONAL FOOD
9. **BRAZDIS (MATEI) Roxana Ioana, FIERASCU Radu Claudiu, BAROI Anda Maria, FISTOS Toma, FIERASCU Irina, CHICAN Irina Elena, HOSU Ioana Silvia.** ORGANIC/INORGANIC COMPOSITE MATERIAL FOR THE ADSORPTION OF HEAVY METALS FROM AQUEOUS SOLUTIONS AND PROCEDURE FOR OBTAINING IT
10. **BULHAC Ion, URECHE Dumitru, BOUROȘ Pavlina, DANILESCU Olga, CILOCI Alexandra, CLAPCO Steliana.** TRIS(DIMETHYL PYRIDINE-2,6-DICARBOXYLATE)CALCIUM TETRA(ISOTHIOCYANATE)COBALTATE(II) WITH BIOSTIMULATORY PROPERTIES OF LIPOLYTIC ACTIVITY FOR THE FUNGAL STRAIN *RHIZOPUS ARRHIZUS* CNMN FD 03

11. **BULHAC Ion, URECHE Dumitru, CILOCI Alexandra, BOUROȘ Pavlina, TIURINA Janeta, LABLIUC Svetlana.** TRIS(DIMETHYL PYRIDINE-2,6-DICARBOXYLATE)STRONTIUM TETRA(ISOTHIOCYANATE)COBALTATE(II) WITH LIPOLYTIC ACTIVITY BIOSTIMULATORY PROPERTIES FOR THE FUNGAL STRAIN RHIZOPUS ARRHIZUS CNMN FD 03
12. **BUJOREANU Nicolae, NICUȚĂ Alexandru, HAREA Ivan.** PROCEDEU DE CULTIVARE A POMILOR DE PRUN / PROCESS FOR CULTIVATING PLUM TREES
13. **CALUGARU-SPATARU Tatiana, CAUS Maria, DASCALIUC Alexandru.** PROCESS FOR *IN VITRO* PRODUCTION OF *RHODIOLA ROSEA* L. CALLUS BIOMASS
14. **CARAMAN Mariana, MAȘNER Oleg, MOSCALIC Roman, COȘMAN Sergiu, BURȚEVA Svetlana, BÎRSA Maxim, STARCIUC Nicolae, PETCU Igor.** GRANULATED COMPOUND FODDER FOR RABBITS
15. **CARAMAN Mariana, CREMENEAC Larisa, MOSCALIC Roman, COJUȘNEANU Oleg, MAȘNER Oleg, PETCU Igor.** PROCESS FOR GROWING CORN FOR SILAGE
16. **CAZAC Viorica, ARMAȘU-CANȚÎR Ludmila, BALMUȘ Nicolae.** "e-MEDICAL ENGLISH"
17. **CĂTĂLINOIU Romeo, RAȚIU Sorin Aurel, MIKLOS Imre Zsolt.** ELECTRIC ASSISTED SELF-ADAPTIVE HYBRID TRANSMISSION
18. **COCU Maria, RUDIC Valeriu, BULHAC Ion, RUDI Ludmila, GUTIUM Victoria, CEPOI Liliana, BALAN Cristina, MISCU Vera, CHIRIAC Tatiana, GHELBET Viorica, DJUR Svetlana.** COORDINATION COMPOUNDS BASED ON 1-PHENYL-1,3-BUTANEDIONE ISONICOTINOYLHYDRAZONE AS STIMULATORS THE BIOSYNTHESIS OF PHENOLIC COMPONENTS BY MICROALGAE *PORPHYRIDIUM CRUENTUM*
19. **DANILESCU Olga, BOUROȘ Pavlina, PETUHOV Oleg, BULHAC Ion, ȘOVA Sergiu.** COORDINATION POLYMER 2,6-DIACETYLPYRIDINE BIS(IZONICOTINOYLHYDRAZONATO)(2-)COBALT(II)-AQUA(1/5.75) WHICH MANIFEST ADSORPTIVE PROPERTIES
20. **DANILESCU Olga, BULHAC Ion, COCU Maria, BOUROSH Pavlina, CILOCI Alexandra, CLAPCO Steliana, LABLIUC Svetlana, MATROI Alexandra.** NITRATE OF 2,6-DIACETYLPYRIDINE-BIS(PICOLINOYLHYDRAZONE)-BIS(AQUA)IRON(III)-HYDRATE(1/2.5) WITH STIMULATING PROPERTIES ON EXOCELLULAR LIPASE SYNTHESIS FOR THE *RHIZOPUS ARRHIZUS* CNMN FD 03 FUNGAL STRAIN AND NUTRIENT MEDIUM FOR CULTIVATION.
21. **DARIE Grigore, VACEVSCHII Serghei, BRADU Nina, DJENJERA Irina, OSIPCIUC Galina, MAȘNER Oleg.** DEVICE FOR ARTIFICIAL INSEMINATION OF SHEEP AND GOAT.
22. **DEÁK György, MATEI Monica, BOBOC Mădalina, HOLBAN Elena; PRANGATE Raluca; ROMAN Diana, SADÎCA Isabela.** PRECONCENTRATION SYSTEM USING QUALITATIVE FILTRATION OF WATER/WASTEWATER SAMPLES FOR IDENTIFICATION ESPECIALLY SARS-CoV-2, OR OTHER TYPES OF PATHOGENS

23. **DOBRIN Emilia, MUȘUROI Sorin, MNERIE G.-V., MATEI C.M.** METHOD FOR OBTAINING A REINFORCED ALVEOLAR STRUCTURE
24. **DUMBRAVĂ Delia, IANCULOV Iosif, PALICICA Radu, MOISUC Alexandru, BUTNARIU Monica.** UNGUENT FARMACEUTIC PE BAZĂ DE EXTRACT CAROTENOIDIC DIN *ZEA MAIS*/ PHARMACEUTICAL OINTMENT BASED ON CAROTENOID EXTRACT FROM *ZEA MAIS*
25. **DUMBRAVĂ Delia-Gabriela, LUPEA Alfa-Xenia, IANCULOV Iosif, PALICICA Radu-Dimitrie, MOISUC Alexandru, BUTNARIU Monica.** PROCEDEU DE OBȚINERE A UNUI UNGUENT TERAPEUTIC PE BAZĂ DE EXTRACT CAROTENOIDIC DIN FRUCTE DE CĂȚINĂ ALBĂ (*HIPPOPHAE RHAMNOIDES*)/ PROCESS FOR OBTAINING A THERAPEUTIC OINTMENT BASED ON CAROTENOID EXTRACT FROM SEA BUCKTHORN (*HIPPOPHAE RHAMNOIDES*) FRUITS
26. **DUMBRAVA Delia-Gabriela, ALEXA Ersilia-Călina, BORDEAN Despina Maria, BOTAU Dorica, COCAN Ileana, DOGARU Diana-Veronica, MIȘCA Corina Dana, MOLDOVAN Camelia, POPA Viorica-Mirela, RABA Diana-Nicoleta, RADULOV Isidora, RIVIȘ Adrian, ȘTEF Ducu Sandu.** LensSpread BY AKADEMIKAFOOD
27. **EFREMOVA Nadejda, CHISELIȚA Natalia, BEȘLIU Alina, CHISELIȚA Oleg, TOFAN Elena, RUDIC Valeriu.** NEW METHOD FOR OBTAINING THE PROTEOGLYCAN PREPARATION.
28. **ELISOVETCAIA Dina, IVANOVA Raisa, MAȘCENCO Natalia, BOROVSKAIA Alla.** THE CYCLE OF INVENTIONS – PROCEDURES FOR INCREASING SEED GERMINATION AND RESISTANCE OF BEECH (*FAGUS SYLVATICA*) PLANTS
29. **FICAI Denisa, MOTELICA Ludmila, ILIE Cornelia Ioana, SPOIALĂ Angela, OPREA Ovidiu Cristian, FICAI Anton.** LONG-LASTING INNOVATIVE NanoCoatings FOR HERITAGE PRESERVATION
30. **FIERASCU Radu Claudiu, BRAZDIS (MATEI) Roxana Ioana, BAROI Anda Maria, FISTOS Toma, FIERASCU Irina, CHICAN Irina Elena, DITU Lia Mara.** COMPOSITE MATERIAL FOR DENTAL RESTORATION WITH IMPROVED COMPRESSION STRENGTH AND ANTIMICROBIAL PROPERTIES AND METHOD OF OBTAINING IT
31. **FISTOS Toma, FIERASCU Radu Claudiu, FIERASCU Irina, MELINESCU Alina, FICAI Anton, FICAI Denisa, DITU Lia Mara, CURUTIU Carmen.** HYDROPHOBIC COATING WITH SELF-CLEANING AND ANTIMICROBIAL PROPERTIES FOR ARTIFICIAL ELEMENTS OF VERNACULAR CONSTRUCTIONS AND METHOD OF OBTAINING IT
32. **GORECKI Gabriel Petre, COCHIOR Daniel, CUSTURĂ-CRĂCIUN Dan, STOICA Radu, MOLDOVAN Horațiu, DOROBANȚU Lucian-Florin.** VIDEOCAPILAROSCOP DIGITAL
33. **HĂDĂRUGĂ Nicoleta Gabriela, DUMBRAVĂ Delia Gabriela, MOLDOVAN Camelia, DRUGĂ Mărioara, MITROI Cristina Liliana, ZIPPENFENING Simelda Elena, POPA Viorica Mirela, MEGYESI Corina Iuliana, HĂDĂRUGĂ Daniel Ioan, IORDĂNESCU Olimpia Alina, DASCĂLU Ionuț, BORDEAN Despina-Maria,**

- VELCIOV Ariana Bianca, RIVIȘ Adrian. PASTE FĂINOASE&FRUCTE DE AKADEMIKAFOOD / PASTA&FRUTTA BY AKADEMIKAFOOD
34. HORINCAR Georgiana, LAZĂR (MISTRIANU) Silvia, ANDRONOIU Doina Georgeta, STĂNCIUC Nicoleta, RÂPEANU Gabriela. ALVITA WITH BEETROOT PEEL POWDER - VALUE-ADDED PRODUCT AND OBTAINING METHOD
35. ILIE Cornelia Ioana, MOTELICA Ludmila, SPOIALĂ Angela, FICAI Denisa, OPREA Ovidiu Cristian, FICAI Anton. GLASS FUNCTIONALIZATION AND DECORATION WITH NANOPARTICLES: A CHALLENGING WAY TO INDUCE NEW APPLICATIONS
36. LASLO Lucian, ENACHE Natalia, DEÁK György, MATEI Monica, BOBOC Madalina. DEVICE FOR DIRECT DETERMINATION OF GAS FLUXES (especially those with greenhouse effect) IN SUBMERGED CHAMBER DRIED FROM THE SUBSTRATE OF AQUATIC ECOSYSTEMS (mud, sludge, sediments, etc.)
37. LOZOVAN Vasile; FONARI Marina; KRAVTOV Victor; SIMINEL Nikita; COROPCEANU Eduard; KULIKOVA Olga; COSTRIUCOVA Natalia. ONE-DIMENSIONAL COORDINATION POLYMER OF CADMIUM(II) BASED ON 1,2-BIS (PYRIDIN-4-YLMETHYLENE)HYDRAZINE AND 2-AMINO BENZOIC ACID LIGANDS, WHICH SHOW PHOTOLUMINESCENT ACTIVITY AND THE ABILITY TO EXCHANGE SOLVENT MOLECULES.
38. LUPA Lavinia, COCHECI Laura, ȚOLEA Nick Samuel, LAZĂU Radu. METHOD OF PLATINUM RECOVERY AND CAPITALIZATION FROM RESIDUAL AQUEOUS SOLUTIONS
39. MARIA Cristina, DEÁK György, POP Cristian-Emilian, GHIȚĂ Gina, ILIE Mihaela, ZAMFIR Camelia. MICROPLASTICS ADVANCED REMOVAL PROCESS FROM URBAN WASTEWATER
40. MEDERLE Narcisa Geanina, ALBU KAYA Mădălina Georgiana, GHICA Mihaela Violeta, KAYA Durmus Alpaslan, MEDERLE Ovidiu Alexandru, RADULOV Isidora, IANCU Tiberiu, DINU-PÎRVU Cristina-Elena, GHILEAN Bianca Mădălina. ANTIPARASITIC HYDROGEL BASED ON COLLAGEN AND ACTIVE PRINCIPLES FROM PLANTS AND ITS PRODUCTION PROCESS
41. MEDERLE Narcisa, MEDERLE Ovidiu, MORARIU Sorin, MORARIU Florica, DĂRĂBUȘ Gheorghe, OPRESCU Ion, ILIE Marius, NEGRESCU Adina. GEL FOR TREATMENT OF DRY WOUNDS IN CANINE DEMODICOSIS gel consists, in mass percentage, of 25% honey
42. MEDERLE Narcisa, MORARIU Sorin, DĂRĂBUȘ Gheorghe, BOGDAN Alexandru, CRĂCIUN Cătălin. PLANT-BASED FOOD SUPPLEMENT USED FOR PREVENTING AND CONTROLLING NOSEMOSIS IN BEES
43. MEDERLE Narcisa, PĂTRAȘCU Mariana, KUMBAKISAKA Sylviu, MORARIU Sorin, DARABUS Gheorghe. SHAMPOO COMPOSITION USED FOR TREATING DRY LESIONS IN CANINE DEMODICOSE
44. MILICI Laurențiu-Dan, BEJENAR Ciprian, NIȚAN Ilie, DIMIAN Mihai, ABU-BANDORA Mahmoud, ALISAVETEI Irina, IFRIM Visarion-Cătălin, UNGUREANU Constantin. SOLAR HEATING SYSTEM TO MAINTAIN BATTERIES CHARGED

45. MILICI Laurențiu-Dan, BEJENAR Ciprian, NIȚAN Ilie, GROSU Oana-Vasilica, VICOVEANU Dragoș-Ionuț, DOSPINESCU Laura-Cătălina, MILICI Mariana-Rodica, MOLDOVAN Artiom. INTELLIGENT SYSTEM FOR GRIP ENHANCEMENT.
46. MILOVANOV Cornelia, MEDERLE Narcisa, AHMADI Mirela, MORARIU Sorin, POPESCU Gabriela, MORARIU Florica, HERMAN Viorel, RADULOV Isidora, MEDERLE Ovidiu. HAIR-AND NAILS-REGENERATIVE COMPOSITION
47. MIȘCA Corina Dana, BOROZAN Aurica Breica, RABA Diana Nicoleta, POPA Mirela, MOLDOVAN Camelia, DUMBRAVA Delia, MARGINEAN Oana Maria, MISCA Liviu Coriolan. MOISTURIZING, ANTI-ACNE, ANTIAGING, REGENERATIVE - BEAUTY FOR EVER
48. MIȘCĂ Corina Dana, BOTĂU Dorica, BORDEAN Despina-Maria, BOROZAN Aurica-Breica, DAVID Ioan, DOGARU Diana Veronica, DRUGĂ Mărioara, DUMBRAVĂ Delia-Gabriela, HĂDĂRUGĂ Nicoleta-Gabriela, MOLDOVAN Camelia, POIANA Mariana-Atena, POPA Viorica Mirela, RABA Diana-Nicoleta, RĂDOI Bogdan Petru, RINOVETZ Alexandru Erne, ȘTEF Ducu Sandu. MAGNIFIQUE BISCUIT BY AKADEMIKAFOOD
49. MOLDOVAN Camelia, DUMBRAVA Delia-Gabriela, BOTAU Dorica, POPA Viorica-Mirela, RABA Diana-Nicoleta, BOROZAN Aurica-Breica, CIULCA Ion-Sorin, CIULCA Elena-Adriana, SIMINA Alina Georgiana. Cioco Mo-St
50. MOSCALIC Roman, CREMENEAC Larisa, CARAMAN Mariana, MAȘNER Oleg, PETCU Igor, STARCIUC Nicolae, STAMATI Constantin. SOIL FERTILIZATION PROCESS
51. MOSCALIC Roman, CARAMAN Mariana, MAȘNER Oleg, PETCU Igor, LUPAȘCU Tudor, EFTENIUC Iulia, COJUȘNEANU Oleg. METHOD FOR TREATING EAR SCABIES IN RABBITS
52. MOSCALIC Roman, CARAMAN Mariana, CREMENEAC Larisa, MAȘNER Oleg, COJUȘNEANU Oleg. PROCESS FOR BREEDING RABBITS
53. MOSCALIC Roman, CARAMAN Mariana. METHOD OF DIAGNOSIS OF BOVINE LEUKOSIS
54. NIȚAN Ilie, MILICI Laurențiu-Dan, POIENAR Mihaela, CERNUȘCĂ Dumitru, PAȚA Sergiu Dan, PIANÎH Alexei, PENTIUC Radu Dumitru, POPA Cezar Dumitru, RAȚĂ Mihai, UNGUREANU Constantin. INTERLOCKING SYSTEM
55. NIȚAN Ilie, POPA Cezar-Dumitru, MILICI Laurențiu-Dan, PAVĂL Mihaela, BEJENAR Ciprian, ȚANȚA Ovidiu-Magdin, CENUȘĂ Mihai, GROSU Oana-Vasilica. SOCKET SAFETY SYSTEM
56. OPREA Ovidiu, FICAI Anton, FICAI Denisa, MOTELICA Ludmila, ANDRONESCU Ecaterina, TRUȘCĂ Roxana. ANTIMICROBIAL COMPOSITION BASED ON CELLULOSE AND ZNO LOADED WITH CITRONELLOL FOR RESTORING PAPER FROM DOCUMENTS AFFECTED BY THE MICROORGANISMS
57. PAVEL Ștefan, UNGUREANU Daniel-Viorel, PASCU Ioan-Bogdan. INSTALLATION USED FOR THE COLLECTION AND STORAGE OF THE MICROPARTICLES RESULTED FROM THE WEAR OF THE CAR BRAKES

58. PAVEL Ștefan, UNGUREANU Daniel-Viorel. INSTALLATION FOR CLEANING LIGHTING FIXTURES WITH DIFFUSER, AND FLUORESCENT TUBES OR LEDs, MOUNTED ON THE CEILING
59. PETCU Igor, MAȘNER Oleg, SÎRBU Tamara, STARCIUC Nicolaie, CARAMAN Mariana, DEMCENCO Boris. PROCESS FOR BREEDING YOUNG CHICKENS
60. PETRIȘOR Gabriela, MOTELICA Ludmila, BARDIS Ioana, DRAGU Laura-Denisa, MATEI Lilia, PITICA Ioana-Madalina, FICAI Denisa, FIERASCU Irina, FIERASACU Radu Claudiu, OPREA Ovidiu Cristian, FICAI Anton, BLEOTU Coralia. CONTROLLED RELEASE SYSTEMS FOR MAINTAINING THE BALANCE OF THE GASTROINTESTINAL MICROBIOTA AND IMPROVING HEALTH AND METHOD OF OBTAINING THEM
61. PÎRLOG Alisa, CARAPIREA Anatol, DARIE Grigore, CIBOTARU Elena, MATVIENCO Natalia, BEȘLIU Alina, CHISELIȚA Natalia, CHISELIȚA Oleg, EFREMOVA Nadejda, TOFAN Elena. PROCESS FOR REGULATING THE REPRODUCTIVE FUNCTION OF SOWS.
62. POBORONIUC Marian-Silviu, ROMAN Andrei Iulian, PISERU Teodora, PISERU Andrei, IRIMIA Danuț-Constantin, BACIU Alina, MITOCARU Alexandru. HYBRID EXOSKELETON & FES SYSTEMS FOR UPPER LIMB REHABILITATION AND EVALUATION
63. POIANA Mariana-Atena, TORJOC Cristina-Georgiana, ALEXA Ersilia-Calina, DIANA- RABA Nicoleta, RIVIS Adrian, MOIGRADEAN Diana, MOLDOVAN Camelia, PIRVULESCU Luminita, POPA Viorica-Mirela, DUMBRAVA Delia-Gabriela, RADULOV Isidora, COCAN Ileana, BORDEAN Despina-Maria, MISCA Corina-Dana. GRAPE SKINS FORTIFIED PASTA BY AKADEMIKAFOOD
64. POPA Gabriel Nicolae, POPA Iosif, DEACONU Sorin Ioan. DC LINEAR VOLTAGE-SINUSOIDAL SIGNAL CONVERTER WITH ADJUSTABLE FREQUENCY
65. POPA Viorica-Mirela, BOROZAN Aurica-Breica, COCAN Ileana, DUMBRAVĂ Delia-Gabriela, MOLDOVAN Camelia, MIȘCĂ Corina Dana, POIANĂ Mariana-Atena, RABA Diana-Nicoleta, RĂDOI Bogdan-Petru, RIVIȘ Adrian, ȘTEF Ducu-Sandu. EXQUISITE ROULADE DUCK BY AKADEMIKAFOOD
66. POPESCU Georgeta Luminița, MARICA Mădălina Mirabela, ABAGIU Traian Alexandru, PREDEANU Georgeta, RACOCEANU Cristinel, CRUCERU Mihai, DIACONU Bogdan Marian, DIȚESCU Corneliu Laviniu, DONDOE Valentin. CONSTRUCTION BRICK MANUFACTURING PROCESS USING INDUSTRIAL WASTE
67. POPESCU Georgeta Luminița, MARICA Mădălina Mirabela, ABAGIU Traian Alexandru, PREDEANU Georgeta, RACOCEANU Cristinel, CRUCERU Mihai, POPESCU Cristinel, DIACONU Bogdan Marian, CIOFU Florin Cristian, CAZALBAȘU Ramona, ANGHELESCU Lucica. PROCESS FOR OBTAINING HEAT-INSULATING CONCRETE BASED ON HEAVY ASH OF POWER PLANT
68. POPESCU Georgeta Luminița, MARICA Mădălina Mirabela, ABAGIU Traian Alexandru, PREDEANU Georgeta, RACOCEANU Cristinel, CRUCERU Mihai, POPESCU Cristinel, DIACONU Bogdan Marian, CIOFU Florin Cristian, CAZALBAȘU Ramona, ANGHELESCU Lucica. PROCESS FOR OBTAINING



COMPACTION MASSES WITH REINFORCEMENT BASED ON HYDRAULIC BINDER

- 69. POȘTA Daniela Sabina, HĂDĂRUGĂ Nicoleta Gabriela, PEȚ Elena, POȘTA Gheorghe Marin, PEȚ Ioan, CAMEN Dorin Dumitru, HĂDĂRUGĂ Daniel Ioan.** PROCEDURE FOR OBTAINING A PRODUCT FOR ROOTING BASED ON WILLOW EXTRACT (GENUS *SALIX* L.) / PROCEDURE FOR OBTAINING A ROOTING PRODUCT BASED ON WILLOW EXTRACT (GENUS *SALIX* L.)
- 70. POTOPOVÁ Vera, MUNTEAN Nina, CHAUDHARY Rafique Ahasan, TRIFAN Tudor, ZEHNÁLEK Petr, SOUKUP Josef, POTOP Igor, ZAHRADNÍČEK Pavel, MOŽNÝ Martin.** MODELLING THE IMPACTS OF COMPOUND CLIMATIC EVENTS ON GROWTH, DEVELOPMENT AND YIELD PARAMETERS OF FIELD-GROWN THERMOPHILIC VEGETABLES AND OILSEED RAPE IN THE DECISION SUPPORT SYSTEM FOR THE AGROTECHNOLOGY TRANSFER – DSSAT
- 71. RABA Diana Nicoleta, DUMBRAVA Delia Gabriela, ALEXA Ersilia Calina, POIANA Mariana Atena, COCAN Ileana, OBISTIOIU Diana Monica, CIUCUR Radu Ioan, STOIA Sorin.** SUPPLEMENTS BASED ON BEE PRODUCTS AND ESSENTIAL OILS, WITH OR WITHOUT ADDED HERBS AND PROCESS FOR THEIR PREPARATION
- 72. RADULOV Isidora, ALEXA Ersilia, RABA Diana Nicoleta, POIANA Mariana-Atena, COCAN Ileana, NEGREA Monica, MISCA Corina, OBISTIOIU Diana, DRAGOMIR Christine, DOSSA Sylvestre, GASPARG Sorin.** BIOFUNCTIONAL PREMIXES BASED ON BARLEY/BARLEY FLOUR MIX ENRICHED WITH BIOACTIVE COMPOUNDS
- 73. ROTARI Doina, DARIE Grigore, MAȘNER Oleg, IURCU Iulian, DJENJERA Irina, BEȘLIU Alina, CHISELIȚA Natalia, CHISELIȚA Oleg, EFREMOVA Nadejda, TOFAN Elena.** YEAST MANNOPROTEINS FOR RAM SEMEN PRESERVATION.
- 74. RUDI Ludmila, CHIRIAC Tatiana, CEPOI Liliana, RUDIC Valeriu, DJUR Svetlana, ZINICOVSCAIA Inga, VALUȚA Ana, MISCU Vera, ROTARI Ion, CEPOI Anastasia, CHIRIAC Victor, TAȘCĂ Ion, IUSHIN Nichita.** PROCESSES FOR SPIRULINA BIOMASS PRODUCTION – RAW MATERIAL FOR THE DEVELOPMENT OF ANTIOXIDANT ANTIBACTERIAL AND IMMUNOMODULATING AGENTS.
- 75. RUDI Ludmila, CHIRIAC Tatiana, CEPOI Liliana, RUDIC Valeriu, DJUR Svetlana, ROTARI Ion, MISCU Vera, VALUȚA Ana, IAȚCO Iulia, CODREANU Liviu, ZINICOVSCAIA Inga.** PROCEDURE FOR OBTAINING SPIRULINA BIOMASS – RAW MATERIAL FOR NEW IMMUNOMODULATORY, ANTIVIRAL, ANTIMICROBIAL AND ANTICANCER REMEDIES.

76. SEREA Daniela, HORINCAR Georgiana, RÂPEANU Gabriela, APRODU Iuliana, BHRIM Gabriela Elena, STĂNCIUC Nicoleta. VALUE-ADDED BEER OBTAINED BY ADDING RED GRAPE PEEL EXTRACT
77. SEREA Daniela, HORINCAR Georgiana, RÂPEANU Gabriela, BHRIM Gabriela Elena, APRODU Iuliana, STĂNCIUC Nicoleta. VALUE-ADDED GLUTEN-FREE BISCUITS FOR DIABETICS, OBTAINED BY ADDING FREEZE-DRIED RED GRAPE PEELS
78. SILEA Ioan, DRUTA Romina. DISTRIBUTED SYSTEM AND METHOD FOR REMOTE TECHNICAL ASSISTANCE TO FLEXIBLE MANUFACTURING CELLS
79. SÎRBU Tamara, MOLDOVAN Cristina, ȚURCAN Olga, BOGDAN-GOLUBI Nina, SLANINA Valerina. APPLICATION OF BIOPESTICIDES OF MICROBIAL ORIGIN AGAINST PHYTOPATHOGENS.
80. SÎRBU Tamara, BUGNEAC Veronica, STARCIUC Nicolai. FEEDING PROCESS OF BEE FAMILIES
81. STOICA Maricica, ALEXE Petru, DIMA Cristian. DYE BASED-ON SEA BUCKTHORN AND BLOOD FOR REDUCING OF RESIDUAL NITRITE TO THE MEAT INDUSTRY
82. SUSAN-RESIGA Romeo Florin, BOSIOC Ilie Alin, TANASA Constantin, STUPARU Adrian Ciprian, SZAKAL Raul Alexandru. EQUIPMENT FOR REDUCING OF HYDRAULIC INSTABILITIES GENERATED BY THE SWIRLING FLOW FROM THE CONICAL DIFFUSER OF HYDRAULIC TURBINES
83. ȘAPTEBANI Neta-Ionelia, LUCA Flavia, JURCUȚU Corina, MOCAN Marian, COROIAN Alexandra, ROZOVLEAN Delia. SCANNING DEVICE IN MULTIPLE SPECTRA
84. ȘTEF Ducu Sandu, RIVIȘ Adrian, TRĂȘCĂ Teodor-Ioan, HĂDĂRUGĂ Nicoleta-Gabriela, BORDEAN Despina-Maria, BUJANCĂ Gabriel Stelian, CAZACU Mihaela, DRUGĂ Mărioara, DUMBRAVĂ Delia Gabriela, HEGHEDUȘ Mîndru Gabriel, HEGHEDUȘ Mîndru Ramona, MIȘCĂ Corina Dana, MOLDOVAN Camelia, POPA Viorica Mirela, STOIN Daniela, ȘTEF Lavinia. XcardioZoom
85. ȘTEF Lavinia, JULEAN Călin, SIMIZ Eliza, PEȚ Ioan. MINERAL PREMIX USED FOR LAYING HENS REARED IN ECOLOGICAL SYSTEM
86. ȘTEFÎRȚĂ Anastasia, BRÎNZĂ Lilia, BULHAC Ion, COROPCEANU Eduard, COVACI Olga. PROCESS FOR GROWING CULTIVATED PLANTS
87. ȘTEFÎRȚĂ Anastasia, BULHAC Ion, BRÎNZĂ Lilia, VOLOȘCIUC Leonid, ZUBAREVA Vera. CULTIVATION PROCESS OF CROP PLANTS
88. TARAN Nicolae, PONOMARIOVA Irina, NEMȚEANU Silvia, MORARI Boris, SOLDATENCO Olga. SPARKLING WINE MANUFACTURING PROCESS.
89. TODERAȘ Ion, ERHAN Dumitru, GHERASIM Elena, RUSU Ștefan. METHOD FOR PROPHYLAXIS OF FASCIOSIS IN RUMINANTS
90. TROFIM Alina, BULIMAGA Valentina, BULIMAGA Maria-Bianca. PROCESS FOR PRODUCING PLANT GROWTH STIMULANTS FROM CYANOBACTERIA
91. ȚÎȚEI Victor. „ILEANA” LOCAL CULTIVAR OF ELECAMPANE, *INULA HELENIUM* L.

92. **ȚÎȚEI Victor.** „VIGOR” LOCAL CULTIVAR OF MILKVETCH, *ASTRAGALUS GALEGIFORMIS* L.
93. **URECHE Dumitru, BULHAC Ion, BOUROȘ Pavlina, ROȘCA Daniel, LUPAȘCU Lucian.**BIS- (N, N'-BIS (4-TOLYL) DIAMINOGLIOXIM) -4-METHYLANILINE TRIHYDRATE FOR USE AS AN ANTIBACTERIAL REMEDY IN AGRICULTURE
94. **VINTILĂ Teodor.** INSTALAȚIE AUTOMATIZATĂ PENTRU PRODUCEREA BIOGAZULUI

### Category B. BOOK SALON

1. **ACHIRI Ion, BRAICOV Andrei, ȘPUNTECO Olga.** MATEMATICĂ. MANUAL PENTRU CLASA A VII-a; MATEMATICĂ. MANUAL PENTRU CLASA A VIII-a
2. **BADALUTA-MINDA Codruta, HERBEI Mihai Valentin.** ASSESSMENT OF WATER RESOURCES USING Landsat SATELLITE IMAGERY
3. **BATOG Mariana.** ASIGURAREA SUPORTULUI METODOLOGIC LA DIMENSIUNEA AFECTIVĂ PENTRU ÎNVĂȚĂMÂNTUL PRIMAR ȘI GIMNAZIAL. GHID METODOLOGIC
4. **BIRTOK-BANEASA Corneliu, RAȚIU Sorin.** AIR INTAKE IN INTERNAL COMBUSTION ENGINES, SUPER-ASPIRATED AIR FILTERS, DYNAMIC AIR TRANSFER SYSTEMS / ADMISIA AERULUI ÎN MOTOARELE CU ARDERE INTERNĂ, FILTRE SUPRAASPIRANTE, SISTEME DINAMICE DE TRANSFER
5. **BOLDUMA Viorel, RĂILEANU Alina; FRANTUZAN Ludmila** (coord.). METHODOLOGICAL BENCHMARKS OF LEARNING RECONFIGURATION  
Curricular area: Socio humanistic Education.
6. **BOROZAN Aurica Breica, BORDEAN Despina-Maria.** MICROBIOLOGIE APLICATĂ / APPLIED MICROBIOLOGY
7. **BOTNARU Maria, ROMAN Maria, MELENTIEV Eugenia** CHIMIE, MANUAL PENTRU CLASA A XI-A
8. **BRAICOV Andrei, VEVERIȚA Tatiana.** METODE DE INSTRUIRE ACTIVĂ LA INFORMATICĂ
9. **BRAICOV Andrei, VEVERIȚA Tatiana.** DEZVOLTAREA APLICAȚIILOR PENTRU DEVICE-URI MOBILE: GHID DE ÎNȚIERE
10. **BRAICOV Andrei, VEVERIȚA Tatiana.** PROGRAMAREA APLICAȚIILOR ANDROID: GHID DE ÎNȚIERE
11. **BRÎNZĂ Lilia.** AGRICULTURA ECOLOGICĂ (Suport de curs)
12. **BRÎNZĂ Lilia, ALUCHI Nicolai, CHIRIAC Eugenia, GRIGORCEA Sofia, NEDBALIUC Boris.** MORFOLOGIA PLANTELOR, partea II (Compendiu de lucrări de laborator)
13. **BUDIUL BERGHIAN Adina.** CUTTING MECHANISMS METALLURGY PRODUCTS KINEMATIC AND KINETOSTATIC ANALYSIS
14. **CALLO Tatiana, BĂLICI Veronica, HADÎRCĂ Maria, STRAISTARI-LUNGU Cristina, ȚÎBULEAC-VIVDICI Ana.** METHODOLOGICAL BENCHMARKS OF THE

LEARNING PROCESS RECONFIGURATION. Language and Communication Curriculum Area.

15. **CARABET Natalia.** FILOSOFIA ȘI AXIOLOGIA EDUCAȚIEI ÎN SCHEME ȘI TABELE, CICLUL II, MASTERAT
16. **CEANGĂ Valeriu, MOCANU Costel Iulian, UNGUREANU Costel.** INSTALAȚII NAVALE DE BORD
17. **CHIRIAC Liubomir, BOSTAN Marina.** ELEMENTE DE TEORIA GRAFURILOR
18. **CHIRIAC Liubomir** și al. EVALUAREA PROCESULUI DE STUDIERE A ȘTIINȚELOR REALE ȘI ALE NATURII DIN PERSPECTIVA INTER/TRANSDISCIPLINARITĂȚII
19. **CHIȘCA Diana, ȘTERBEȚ Daniela, ROTARI Natalia.** STEM ÎN CRIMINALISTICĂ.
20. **CÎRLIG Tatiana, ȚÎGĂNAȘ Ana.** COMPENDIU PENTRU LUCRĂRI DE LABORATOR. ZOOLOGIA VERTEBRATELOR. PARTEA II (AMNIOTA).
21. **COJOCARIU Luminița, SFÎRCOCI Monica, SĂRĂȚEANU Veronica, HORABLAGA Marinela N., BOSTAN Cristian, POPESCU Cosmin, COPĂCEAN Loredana.** ANALYSIS MODEL OF THE INFLUENCE OF ALTITUDINAL GRADIENT ON THE DISTRIBUTION OF GRASSLANDS
22. **COJOCARIU Luminița.** GRASSLANDS COMPLEX ANALYSIS AND MANAGEMENT
23. **COLȚUN Maricica, BOGDAN Alina, red. ROȘCA Ion.** PLANTE AROMATICE (AROMATIC PLANTS)
24. **COMANICI Ion, PALANCEAN Alexei, ROȘCA Ion.** BOTANICA AGRICOLĂ ȘI FORESTIERĂ (AGRICULTURAL AND FOREST BOTANY)
25. **COPĂCEAN Loredana, POPESCU Cosmin, HORABLAGA Adina, SIMON Mihai, COJOCARIU Luminița.** MODEL FOR ANALYSIS OF CHANGES IN THE DISTRIBUTION OF VEGETATION BASED ON REMOTE SENSING INDICES
26. **COȘMAN Sergiu, COȘMAN Valentina, NIȚULIAC Tudor.** GUIDE FOR BREEDING DAIRY CATTLE
27. **COZARI Tudor.** BIRDS
28. **COZARI Tudor.** ANIMALS. VOLUMES I, II.
29. **COZARI Tudor, GHERASIM Elena.** BIOLOGY, ECOLOGY AND ETHOLOGY OF ECAUDATE AMPHIBIANS (RANIDAE, BUFONIDAE) FROM THE ECOSYSTEMS OF THE REPUBLIC OF MOLDOVA
30. **COZMA Dumitru.** INTEGRABILITY OF CUBIC SYSTEMS WITH INVARIANT STRAIGHT LINES AND INVARIANT CONICS
31. **CRISTEA Sorin, COJOCARU-BOROZAN Maia, SADOVEI Larisa, PAPUC Ludmila.** TEORIA ȘI PRAXIOLOGIA CERCETĂRII PEDAGOGICE
32. **CUCER Angela, RACU Jana, RACU Iulia, MAXIMCIUC Victoria, FURDUI Emilia, LUNGU Tatiana, MATRAN Tatiana, GOLOVEI Lilia.** PREVENȚIA, EVALUAREA ȘI INTERVENȚIA PSIHOLOGICĂ: DOMENIUL PSIHOCOMPORTAMENTAL. GHID METODOLOGIC.
33. **DARIE Gr., CIBOTARU E., IURCU Iu., PÎRLOG A., ROTARI D.** BIOTECHNOLOGIES IN BULL BREEDING
34. **DAVIDENKO Andrey, BOCANCEA Viorel.** STEM/STEAM PROJECTS IN PHYSICS.

35. **DĂRĂBUȘ Gheorghe, OPRESCU Ion, Morariu Sorin, MEDERLE Narcisa, ILIE Marius, IMRE Mirela.** PARAZITOLOGIE ȘI BOLI PARAZITARE
36. **DUMBRAVĂ Delia-Gabriela.** TEHNICI DE IZOLARE ȘI PURIFICARE A EXTRACTELOR DIN PLANTE / ISOLATION AND PURIFICATION TECHNIQUES OF PLANT EXTRACTS, VOL. I
37. **FICAI Anton et all.** BIOMATERIALS AND TISSUE ENGINEERING
38. **FRANȚUZAN Ludmila, ACHIRI Ion, BOCANCEA Viorel, SIMION Crenguța, CAZACIOC Nadejda, PLĂCINTĂ Daniela.** METHODOLOGICAL BENCHMARKS OF RECONFIGURING LEARNING. Curriculum Area: Mathematics and Science.
39. **GÎNJU Stela; BUGA Alina; GATMAN Diana.** ȘTIINȚE. MANUAL PENTRU CLASA A V-A / SCIENCES. TEXTBOOK FOR THE 5<sup>TH</sup> GRADE
40. **GLOBA Angela, PAVEL Maria, PAVEL Dorin.** REPERE DIDACTICE ÎN REZOLVAREA PROBLEMELOR DE COMBINATORICĂ. APLICAȚII C++ ȘI MAPLE.
41. **GORECKI Gabriel-Petre, COCHIOR Daniel, MOLDOVAN Cosmin.** PERSPECTIVE ÎN DIAGNOSTICUL PRECOCE AL SEPSISULUI ȘI ȘOCULUI SEPTIC
42. **GRANACI Vera, MASHNER Oleg, PETCU Igor, FOCSHA Valentin.** ANIMAL BIOTECHNOLOGY-HISTORY, DEVELOPMENT AND APPLICATION
43. **HAHEU-Munteanu Efrosinia, ISTRATI Viorica.** CULEGERE DE TESTE PENTRU PREȘCOLARI: EVALUARE INIȚIALĂ ȘI FINALĂ, 1,5-3 ANI; CULEGERE DE TESTE PENTRU PREȘCOLARI: EVALUARE INIȚIALĂ ȘI FINALĂ, 3-5 ANI; CULEGERE DE TESTE PENTRU PREȘCOLARI: EVALUARE INIȚIALĂ ȘI FINALĂ, 5-7 ANI
44. **LUPAȘC SFINTEȘ Vasile.** MAREA CARTE A UNIRII. ÎNCEPUTURI
45. **LUPAȘC SFINTEȘ Vasile.** VLAD
46. **LUPAȘC SFINTEȘ Vasile.** PĂUN ÎMPĂRAT
47. **MARIN Ana-Maria, DĂRĂBUȘ Gheorghe, MEDERLE Narcisa.** PARASITOLOGIE VÉTÉRINAIRE – Travaux Pratiques
48. **MELENTIEV Eugenia, ROMAN Maria, PITUȘCAN Doina.** SĂ ÎNVĂȚĂM LOGIC CHIMIA PRIN EXERCIȚII, PROBLEME, TESTE; PENTRU GIMNAZIU
49. **MELENTIEV Eugenia, ROMAN Maria, BOTNARU Maria, DIRU Mariana.** SĂ ÎNVĂȚĂM LOGIC CHIMIA PRIN EXERCIȚII, PROBLEME, TESTE; PENTRU LICEU
50. **MIȘCĂ Corina Dana.** MICROBIOLOGIE
51. **MORARI Marina, URSU Zinaida.** METHODOLOGICAL BENCHMARKS OF THE LEARNING PROCESS RECONFIGURATION *Arts Curriculum Area.*
52. **NECULA Gina-Aurora, BĂLĂNICĂ Carmelia Mariana Dragomir, TOMA Alexandra-Monica.** CROSS-BORDER PERSPECTIVES AND INTERDISCIPLINARITY APPROACHES OF LIFE QUALITY
53. **PATRAȘ Tatiana, MELENTIEV Eugenia.** CHIMIA. CULEGERE DE EXERCIȚII ȘI PROBLEME CU METODELE DE REZOLVĂRI PENTRU ELEVII CLASEI A X-A
54. **PÎRVULESCU Luminița, BORDEAN Despina-Maria, POIANĂ Mariana-Atena, ALEXA Ersilia, RABA Diana-Nicoleta, MIȘCĂ Corina Dana, BOROZAN Aurica Breica, MORAR Adriana, OBIȘTIOIU Diana, BĂGHINA Narcis Gheorghe.** AN OVERVIEW OF HEAVY METALS IN SOIL EXPOSED TO SOLID WASTE

55. **POSTOLACHI Igor, BOCANCEA Viorel, POSTOLACHI Valentina.** THE METHODOLOGY OF USING SENSORS IN THE PROCESS OF STUDYING PHYSICS
56. **ROȘCA Ion, CIORCHINĂ Nina, ONICA Elisaveta, CUTCOVSCHI-MUȘTUC Alina** ARBUȘTI FRUCTIFERI NETRADIȚIONALI (NON-TRADITIONAL FRUIT SHRUBS)
57. **SIMON Mihai, POPESCU Cosmin, HORABLAGA Adina, COPĂCEAN Loredana, COJOCARIU Luminița.** WORKFLOW FOR THE COMPLEMENTARY APPLICATION OF UAV AND MMS TECHNOLOGIES FOR THE INVESTIGATION OF THE NATURAL ENVIRONMENT AND THE BUILT SPACE
58. **SMIRNOV E., COSTANDOGLO A., FOCȘA V.** EVOLUTION OF DAIRY CATTLE BREEDING OF THE REPUBLIC OF MOLDOVA
59. **STOICA Maricica, ALEXE Petru.** ELEMENTE DE PROIECTARE A PRODUSELOR ALIMENTARE NOI (DESIGN OF NEW FOOD PRODUCTS)
60. **ȘTEFÎRȚĂ Anastasia, BRÎNZĂ Lilia, VRABIE Valeria, ALUCHI Nicolai.** FIZIOLOGIA STRESULUI, ADAPTĂRII ȘI REZISTENȚEI LA SECETĂ A PLANTELOR DE CULTURĂ
61. The collective work (book) with the main author **TARAN Nicolae.** BIOTEHNOLOGII ÎN VINIFICAȚIE / BIOTECHNOLOGIES IN WINEMAKING.
62. The collective work (book) with the main author **TARAN Nicolae.** SOIURI DE STRUGURI DE SELECȚIE NOUĂ ȘI AUTOHTONE ÎN VINIFICAȚIE / GRAPE VARIETIES OF NEW AND LOCAL SELECTION IN WINEMAKING.
63. **TELEMAN Angela, GÎNJU Stela.** SCIENCE, WORKBOOK, II CLASS; SCIENCE, WORKBOOK, III CLASS; SCIENCE, WORKBOOK, IV CLASS.
64. **TIRIAN Gelu-Ovidiu.** FLEXIBLE MANUFACTURING LINES / LINII FLEXIBILE DE FABRICAȚIE
65. **TIRIAN Gelu-Ovidiu** ROBOTICS / ROBOTICĂ.
66. **TIRIAN Gelu-Ovidiu.** INDUSTRIAL PROCESS MANAGEMENT PROBLEMS / PROBLEME DE CONDUCERE A PROCESELOR INDUSTRIALE
67. **UNGUREANU Claudia Veronica.** STRATEGIES FOR BIOREMEDIATION OF RECALCITRANT XENOBIOTIC COMPOUNDS
68. **UNGUREANU Claudia Veronica** COURSES PLANT BIOLOGY. SUPPORT FOR PRACTICAL WORK. ECOLOGY AND ENVIRONMENTAL PROTECTION SPECIALIZATION
69. **UNGUREANU Costel.** CURGEREA CU SUPRAFAȚĂ LIBERĂ ÎN JURUL JONCȚIUNILOR
70. **VICOL Nelu.** COMUNICARE UMANĂ: SURSE ȘI RESURSE
71. **VICOL Nelu.** EDUCAȚIA CORECTIVĂ
72. **VICOL Nelu.** PERSONALITATEA PROFESIONALĂ ȘI DEMNITATEA UMANĂ ALE CADRULUI DIDACTIC
73. **VICOL Nelu.** ȘCOALA ȘI CADRUL DIDACTIC: TRASEUL AMBIANȚEI EDUCATIVE PRIN REUȘITĂ
74. **VICOL Nelu.** VALORI ȘI FUNCȚII ALE LIMBAJULUI ÎN CONSTRUCȚIA COMUNICĂRII

### **Category C. INNOVATIVE ANTREPRENEURSHIP**

1. **ARDELEAN Erika, ORDODI Valentin, ARDELEAN Marius, SOCALICI Ana.** REDUCING THE IMPACT ON THE ENVIRONMENT BY NEUTRALIZING EXPIRED DRUGS
2. **ARDELEAN Marius, ARDELEAN Erika, GALFI Corina, SOCALICI Ana, JOSAN Ana.** SILVER RECOVERY FROM RADIOGRAPHIC FILMS
3. **ARMIONI Diana Miruna, IONEL Ioana, RAȚIU Sorin Aurel.** STUDY CONCERNING METHODS FOR MANAGING USED ENGINE OIL. ANALYSIS OF A QUESTIONNAIRE-BASED SURVEY
4. **BACEAN MILOICOV Oana Codruta** QVibe FREQUENCY GENERATING THERAPEUTIC DEVICE- USED IN A PSORIASIS CASE
5. **BACEAN MILOICOV Oana Codruta.** SOLUTIE VIRALA "SV"
6. **BACEAN MILOICOV Oana Codruta.** CO-TECH – test, measure, balance (*innovative concept of automated software process for evaluation and therapy through biofeedback*)
7. **BACEAN MILOICOV Oana Codruta.** QVibe FREQUENCY GENERATING THERAPEUTIC DEVICE- USED AGAINST PARASITIC INFECTIONS
8. **BACEAN MILOICOV Oana Codruta.** ANTISTRESS PROTOCOL USED IN A VITILIGO CASE
9. **BALMUȘ Nicolae, BRAICOV Andrei, CHIRIAC Tatiana.** MDIR CONSTRUCTOR MATHEMATICS 5<sup>TH</sup>- EDITABLE INTERACTIVE DIGITAL TEXTBOOK
10. **BOBORA Adriana, SOCALICI Ana, ARDELEAN Erika, BIRTOK-BANEASA Corneliu, BUDIUL BERGHIAN Adina.** POSSIBILITIES OF VALORIZATION OF THE TAILINGS RESULTING FROM THE TECHNOLOGICAL PROCESSES OF ORE PREPARATION
11. **BOROZAN Aurica Breica, POPESCU Sorina, DUMBRAVĂ Delia, MOLDOVAN Camelia, MISCĂ Corina, POPA Mirela, RABA Diana, BORDEAN Despina.** ASSESSMENT OF THE ANTIBACTERIAL POTENTIAL OF A MIXTURE OF PROPOLIS AND PROPOLIS COMPOUNDS
12. **BUCUR Flavius, SOCALICI Ana, PUTAN Vasile, JOSAN Ana, ARDELEAN Marius.** SIMULATION OF CASTING AND SOLIDIFICATION OF BRAKE SHOES FROM PHOSPHOROUS CAST IRON
13. **CĂRPINIȘAN Liliana, RADBEA Gabriel, SORESCU Denisa, CRISTINA Romeo Teodor, MEDERLE Narcisa, STANCU Adrian, GHIȘE Alina, CIREȘAN Călin-Alexandru, Ioan CABA Ladislau, ZAHA Cristian** ACUPUNCTURE – COMPLEMENTARY THERAPY PROTOCOL IN DOGS AFTER SURGERY FOR INTERVERTEBRAL DISC DISEASE
14. **DRĂGAN Florin, PÎSLARU Marius, IVAȘCU Larisa.** INTEGRATED INTELLIGENT SYSTEM FOR ENVIRONMENTAL SUSTAINABILITY ASSESSMENT - INTEL-GREEN
15. **GANGULI Souvik, IVAȘCU Larisa, CIOCA Lucian-Ionel.** DeltaHealth - A UNIFIED CONTROLLER FOR SMART HEALTHCARE APPLICATIONS
16. **GIDALI Adrian, SIMON Florin.** CONSTRUCTION AND DIAGNOSTICS OF MULTIPLEXED VEHICLE COMMUNICATION NETWORKS (CAN-bus)

17. **JINGA Iulian, MEKKLUAN Pimploay, TOPOR Marcel, BIRTOK BANEASA CORNELIU.** SOLAR INTERIOR PREHEATING SYSTEM FOR ELECTRIC VEHICLES
18. **KETKAEW Siseerot.** INNOVATION OF ELIMINATE TOXIC GASES IN INDUSTRIAL FACTORY BY APPLYING HIGH INTENSITY OZONATION ELECTRICAL SYSTEM
19. **PĂTRUȚ Daniela-Nicolia, IVAȘCU Larisa, POP Mădălin-Dorin, TĂMĂȘILĂ Matei, ARTENE Alin, COROIAN Alexandra, CISMA Timea, AGACHE Andrei.** EduFinUPT – MOBILE APPLICATION FOR ACQUIRING FINANCIAL SKILLS
20. **POPA Gabriel Nicolae, DINIȘ Corina Maria.** EXPERIMENTAL STAND WITH TWO ARDUINO MODULES FOR SERIAL DATA TRANSMISSION - TEMPERATURE MEASUREMENT
21. **RERAT Larisa & Team.** RERAT HELVETIA - EUROPEAN MANUFACTURER OF LASHING & LIFTING SLINGS
22. **NURFIKA Herdiana Dewi.** MINDCONNECT – EMPOWERING MENTAL WELL-BEING THROUGH AI-POWERED SUPPORT
23. **RADWAN Neyara.** ASSESSING THE IMPACT OF ADOPTING A CIRCULAR ECONOMY APPROACH ON ACHIEVING SAUDI ARABIA'S VISION 2030 WASTE MANAGEMENT GOALS
24. **ROZOVLEAN Delia, COCA Laura-Crina, IVAȘCU Larisa.** INNOVATIVE SYSTEM FOR EVALUATING THE SUSTAINABILITY OF THE UNIVERSITY (SUny)
25. **SOCALICI Ana, ARDELEAN Erika, ARDELEAN Marius, PUȚAN Vasile.** RECOVERY OF IRON-CONTAINING WASTE IN THE STEEL INDUSTRY
26. **UNGUREANU Costel, PRESURĂ Adrian, BOSOANCĂ Radu, MÂNDRU Andreea, PERIJOC Silviu, MIHAI Victor, COTOC George.** MODULAR AQUACULTURE PLATFORM FOR A SUSTAINABLE DEVELOPMENT OF THE BLUE ECONOMY IN THE LOWER DANUBE REGION, ACRONYM FISH&FAN

#### **Category D. THE YOUNG INVENTOR**

1. **ANGHEL Larisa, DERMENGIU Nicoleta Eugenia, MARIAN Eugeniu, MOISE Elena, STOICA Dimitrie, DIMA Cristian Vasile, STOICA Maricica, STĂNCIUC Nicoleta.** MULTIFUNCTIONAL INGREDIENT BASED ON MICROENCAPSULATED EXTRACTS FROM BLACK RICE AND LAVENDER FOR FOOD APPLICATIONS
2. **BUBULICI Evelina.** BRAȚ MECANIC HIDRAULIC DIN LEMN
3. **CHIRTOACĂ Elena, GHENCIU Eugenia;** Coordinators: **GÎNJU Gheorghe, GÎNJU Stela.** HORSE CHESTNUT SEEDS - NEW USES AND BENEFITS
4. **DĂNILĂ Raluca;** Coordinator: **BIRTOK-BĂNEASĂ Corneliu.** SOFTWARE FOR THE AUTOMOTIVE INDUSTRY
5. **DEȘAN Dumitru, REVENCO Victoria.** USE OF RENEWABLE ENERGY SOURCES
6. **ENII Sanda, TARNARUȚCHI Andreea,** Coordinator: **INDRICEAN Oxana.** HARTA ONLAIN AL LOCALIZĂRII BARZELOR ALBE.



7. **FECIORU Ștefan, IROD Maria Sara, GIUSCĂ Dragoș and POPESCU SPIRTARU Mihai**; Coordinators: **CRISTEA Luiza, MATEI Lăcrămioara**. SMART HOUSE IN THE SMART CITY
8. **IONESCU Ștefan-Adrian**; Coordinator: **POBORONIUC Marian-Silviu**. THREE-DIMENSIONAL (3D) PRINTED PROSTHETIC HAND
9. **ISTOC Marius Alexandru**; Coordinator: **BIRTOK-BANEASA Corneliu**. MX-13 ENGINE OF US TRUCKS
10. **LOZINSCHII Felicia, MIȚCO Mihaela**; Coordinators: **LOZINSCHII Mariana, TRIFAUȚAN Viorica**. TEHNICI DE MULTIPLICARE ȘI MICROCLONAREA A TRANDAFIRULUI
11. **MIȚCO Mihaela, LOZINSCHI Felicia**; Coordinators: **LOZINSCHII Mariana, TRIFAUȚAN Viorica**. PRACTICAL INNOVATIONS IN COMBINING PLANTS FOR THERAPEUTIC TEAS
12. **LUCA Andreea, CAZAC Daniela, CALAPOD Gabriela, CLIMENTOVSCHI Paula-Saida**; Coordinator: **LOZINSCHII Mariana**. TRADIȚII ÎN VALORIFICAREA CONDIMENTELOR AUTOHTONE
13. **MACOVEI Alexandra, GHEORGHITĂ Ilinca, VASILIAN Mădălina, LOZINSCHII Mariana**. OPTIMIZING HOME-BASED PLANT SPROUTING TECHNOLOGY
14. **MUȘCINSCHI Cătălin**. LEVITRON ACUSTIC
15. **ONILOV Artiom, BABĂRĂ Alexandru**. THE ROBOTIC ARM
16. **PĂCULARU-BURADA Bogdan, BAHRIM Gabriela-Elena**. OBTAINING PROCESS FOR A GLUTEN-FREE BAKERY PRODUCT BASED ON LEGUMES, PSEUDOCEREALS AND METABIOTICS
17. **PINCA-BRETOTEAN Alexandru Mihai**. APPLICATIONS OF ASSISTED PROGRAMMING ON MILLING MACHINING CENTERS
18. **ROȘCA Ana Maria, BEILIC Mădălina, DASCĂL Tatiana, ERHAN Cornelia, LOZINSCHII Mariana**. OPTIMIZAREA TEHNOLOGIEI DE CREȘTERE A MICROPLANTELOR
19. **ROTEA Sebastian**. Lego MOCs
20. **ROTEA Alexandru**. Alex's Creative Painting
21. **TARTUS Mădălina**. O DANTURĂ SĂNĂTOASĂ- UN ZÂMBET SĂNĂTOS.
22. **VLĂDESCU Mihai Albert**. MAGNETO HYDRODYNAMIC THRUSTERS
23. **TELEUCA Iulia, GRAUR Vasilii, GRAUR Ianina, GULEA Aurelian, LOZAN-TÎRȘU Carolina, BĂLAN Greta**. NEW SEMI-SYNTHETIC AGENTS WITH ANTIBACTERIAL AND ANTIFUNGAL PROPERTIES
24. **VOLENTIR Ioan, CHIRONET Ioan**; Coordinators: **SPINEI Mariana, COROLEȚCHI Ana**. UTILAJ PENTRU SORTAREA CARTOFILOR

### **Category E. THE YOUNG ENTREPRENEUR**

1. **BIRTOK Eugen, ROB Raluca**. AUTONOMOUS CAR WITH OBSTACLE AVOIDANCE AND PARKING OPTIONS WITH ARDUINO
2. **CHELTUIALĂ Ilie; GHERȚA Igor; TATARU Cătălin; BUDEANU Daniel**. PLAN DE AFACERI. Compania EcoBrichet

3. **MARARU Leonard Nicolas.** TOYOTA ALTERNATIVE PROPULSION SYSTEMS
4. **MUȘCINSCHI Cătălin.** EcoCycle Paperworks"
5. **NICOLAESCU Mircea, BANDAS Cornelia, ORHA Corina, LAZĂU Carmen, SERBAN Viorel.** THE DEVELOPMENT OF ENVIRONMENTAL MONITORING SENSORS BASED ON n-TiO<sub>2</sub>/p-CuMnO<sub>2</sub> OXIDE HETEROJUNCTIONS
6. **PRUTEANU Liviu, CEREȘNEA Cornelia, URSU Maria, DRAPAC Iuliana, BOTNARI Elena.** GRĂDINA ȘCOLARĂ
7. **SPINEI Ioan, TATARCIUC Tudor, COROLEȚCHI Patricia, PRUNICI Sergiu.** TINERII APICULTORI
8. **STRATELIUC Laura.** „AN ECO BUSINESS IN THE MODERN WORLD”
9. **TEODORESCU Călin Rareș.** CUSTOMIZED SPRINTER 311cdi Doka
10. **TIGHINEANU Sabrina.** „FORGET THE HABIT OF PUTTING SALT IN READY MEALS”