

| Nr. d/o. | Autor/ Autori                                                                    | Titlul invenției/Proiectului                                                                                                                                                                                                                                      | Distincții                                                                                          |
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| 1.       | Nadejda MIHNEA, Galina LUPAȘCU, Diana CLIMĂUȚAN, Cristian ROȘCA, Nicolae CRISTEA | Soi nou de tomate <i>Solanum lycopersicum</i> L. Dorința                                                                                                                                                                                                          | Medalia de Aur PRO INVENT                                                                           |
| 2.       | Svetlana LEATAMBORG, Efimia VEVERITA, Silvia ROTARI, Andrei GORE, Galina LUPASCU | Soi nou de triticale de toamnă – (x <i>Triticosecale witt.</i> ) – Fânica                                                                                                                                                                                         | Medalia de Aur PRO INVENT                                                                           |
| 3.       | Milania MAKOVEI, Cristina GRAJDIERU                                              | „Diversitatea genetică a genelor marker mutante de tomate ( <i>Solanum lycopersicum</i> L.) ca sursă de germoplasmă nouă pentru crearea de soiuri și hibrizi heterotici capabili să realizeze potențialul de productivitate în condițiile schimbărilor climatice” | Medalia de Aur PRO INVENT; Premiu Special acordat de către Universitatea Politehnica Timișoara      |
| 4.       | Milania MAKOVEI                                                                  | New Tomato Cultivar – L8-234 MMD                                                                                                                                                                                                                                  | Medalia de Aur și Medalia PRO INVENT; Premiu Special acordat de către Asociația CorneliuGroup, Deva |
| 5.       | Raisa IVANOVA, Elena LUTCAN, Ala BOROVSKAIA                                      | Biodegradable composition for coloring and coating corn                                                                                                                                                                                                           | Medalia de Aur PRO INVENT                                                                           |
| 6.       | Eugeniu ALEXANDROV                                                               | „INDIGO” – genotip interspecific rizogenic și apiren de viță-de-vie ( <i>Vitis</i>                                                                                                                                                                                | Medalia de Aur PRO INVENT                                                                           |

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|     |                                                                                                         | <i>vinifera</i> L. × <i>Muscadinia rotundifolia</i> Michx.)                                                                                                                     |                                                                                                                                                                        |
| 7.  | Aurelia STÎNGACI, Tatiana SCERBACOVA, Oleg HARCUC, Grigorie STINGACI, Larisa ANDRONIC, Cornel GRIGORIEV | Development of environmentally safe methods for controlling harmful organisms using biotechnological tools and smart solutions in the cultivation of cherries and quinces       | Medalia de Aur PRO INVENT, Premiu special acordat de către asociația CorneliuGroup, Deva; Certificat de Excelență acordat de către Universitatea Politehnica Timișoara |
| 8.  | Aurelia STÎNGACI, Tatiana SCERBACOVA, Oleg HARCUC                                                       | Innovative protection of new walnut varieties                                                                                                                                   | Medalia de Aur PRO INVENT                                                                                                                                              |
| 9.  | Eugenia COTENCO, Gheorghe MORARU, Tatiana SMIRNOVA, Maria POPOVICI                                      | Improving and implementing technologies for the production and processing of sorghum seeds in the context of climate changes                                                    | Medalia de Aur PRO INVENT; Premiu Special acordat de către Universitatea Politehnica Timișoara                                                                         |
| 10. | Victor ȚÎȚEI                                                                                            | ‘MIHAI’ new local cultivar of jerusalem artichoke <i>Helianthus tuberosus</i> L.                                                                                                | Medalia de Aur PRO INVENT                                                                                                                                              |
| 11. | Victor ȚÎȚEI                                                                                            | The innovative technology for cultivation and use of some non-traditional forage crops                                                                                          | Medalia de Aur PRO INVENT                                                                                                                                              |
| 12. | Olga GARBUS, Nadejda RAILEAN, Ion TODERAȘ, Vasilii GRAUR, Victor ȚAPCOV, Aurelian GULEA                 | Cobalt thiosemicarbazone-based coordination complex with acaricidal activity against <i>Varroa destructor</i> and its use for the control of varroosis in <i>Apis mellifera</i> | Medalia de Aur PRO INVENT                                                                                                                                              |

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| 13. | Aurelian GULEA, Victor ȚAPCOV, Olga GARBUZ, Dorin ISTRATI, Cristina BALAN                                                             | New molecular inhibitors of human hepatocellular carcinoma HepG2 cells                                                                                                    | Medalia de Aur PRO INVENT |
| 14. | Aurelian GULEA, Ianina GRAUR, Vasiliu GRAUR, Victor ȚAPCOV, Olga GARBUZ, Greta BĂLAN, Carolina LOZAN-TÎRȘU                            | New synthetic antifungal agent                                                                                                                                            | Medalia de Aur PRO INVENT |
| 15. | Aurelian GULEA, Olga GARBUZ, Vasile GRAUR, Ianina GRAUR, Sergiu BOIȘTEANU                                                             | Technological transfer for the production of beverages with new forms of biometal chelate complexes based on natural syrups                                               | Medalia de Aur PRO INVENT |
| 16. | Fliur MACAEV, Galina LUPASCU, Eugenia STANGACI, Marina ZVEAGHINTEVA, Natalia SUCMAN, Lucian LUPASCU, Svetlana GAVZER, Nicolae CRISTEA | 1-(2-tert-butyl-2-hydroxy-7-phenyl-2H-chromen-3-yl)-4-(2-oxo-2-ethyl)-1H-1,2,4-triazol-4-yl bromide that manifests antifungal properties against <i>Fusarium culmorum</i> | Medalia de Aur PRO INVENT |
| 17. | Vasile GUȚANU, valentina COSTIS                                                                                                       | CR-polymer composite-based sorbent for the removal of heavy metal ions from solutions                                                                                     | Medalia de Aur PRO INVENT |
| 18. | Ion MUNTEANU                                                                                                                          | Sistem UV-C integrat pentru inactivarea agenților patogeni din aerul ventilat                                                                                             | Medalia de Aur PRO INVENT |
| 19. | Adrian PALADI, Veaceslav SPRÎNCEAN                                                                                                    | eALERT-4DnVar: Intelligent Platform for Urban Air Quality Assessment, Modeling and Forecasting                                                                            | Medalia de Aur PRO INVENT |

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| 20. | Sergiu IVASCU, Valentin MIHAILOV, Natalia KAZAK, Anatolie IANACHEVICI                      | Enhanced metal surface transformations via ESA, plastic deformation and plasma-chemical treatment                                                                        | Medalia de Aur PRO INVENT    |
| 21. | Iurie BACALOV, Adriana DRUȚA, Elena CHIRIȚA, Aurelia CRIVOI                                | Dietary supplement for the prophylaxis of hypoglycemia and for maintaining immune status in disorders of carbohydrate metabolism in rodents ( <i>Rattus norvegicus</i> ) | Medalia de Aur PRO INVENT    |
| 22. | Maria GONCEARIUC, Violeta BUTNĂRAȘ, Pantelimon BOTNARENCO, Zinaida BALMUȘ, Ludmila COTELEA | Savoare - soi de Sovârf grecesc ( <i>Origanum vulgare</i> L. ssp. <i>hirtum</i> (Link) Ietsw.)                                                                           | Medalia de Argint PRO INVENT |
| 23. | Victor ȚIȚEI                                                                               | ‘MIHAELA’ new local cultivar of plume poppy <i>Macleaya cordata</i> (Willd.) R.Br.                                                                                       | Medalia de Argint PRO INVENT |
| 24. | Victor ȚIȚEI                                                                               | ‘SOFIA’ new local cultivar of eastern galega, <i>Galega orientalis</i> Lam.                                                                                              | Medalia de Argint PRO INVENT |
| 25. | Olga DANILESCU, Ion BULHAC, Lilia CROITOR, Pavlina BOUROSH, Olga KULIKOVA                  | 2,6-Diacetylpyridine-bis(picolinoylhydrazone)-(aqua)(nitrate)cadmium(II) nitrate–monohydrate with photoluminescent properties                                            | Medalia de Bronz PRO INVENT  |
| 26. | Sergiu IVASCU, Valentin MIHAILOV                                                           | The use of powders in the ESA field: A new paradigm                                                                                                                      | Medalia de Bronz PRO INVENT  |

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| 27. | Aurel ZANOCI, Dumitru CONDREA,<br>Serghei PASCARI, Andrei<br>ASĂNDULESEI                     | Interdisciplinary archaeology in the<br>Republic of Moldova: the iron age hillfort<br>at Olișcani “ROATA TURCILOR” | Medalia de Bronz PRO<br>INVENT                                                                                                                                                                                                   |
| 28. | Sergiu MATVEEV, Vlad VORNIC                                                                  | New Evidence, New Peoples: On the<br>Possible Presence of the Heruli in the<br>Prut–Dniester Region                | Medalia de Bronz PRO<br>INVENT                                                                                                                                                                                                   |
| 29. | Olesea CAFTANATOV, Svetlana<br>COJOCARU, Ludmila MALAHOV,<br>Mircea PETIC, Dmitrii VANGHELII | Digitalizarea și crearea corpusului FolkAI<br>cu texte din folclorul basarabean din<br>secolele XIX–XX             | Medalia PRO INVENT,<br>Diplomă de Excelență, acordată<br>de către Asociația Justin Capră;<br>Premiu Special acordat de către<br>Universitatea Politehnica<br>Timișoara; Student Excellence<br>Award CorneliuGroup<br>Association |