# International Competition of Student Scientific Works “Black Sea Science 2025”

## 2nd stage results for the field of “Food Science and Technologies”

### Winners

| Place | Country | Institution | Work Title | Authors | Supervisors | Score | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Stage 1 | Stage 2 | Total |
| **I** | Ukraine | Ivan Franko National University of Lviv | Nutritional benefits and toxicological risks of using stinging nettle as a non-traditional food raw material | Oleh Struchok | Larysa Fedyna | **96,5** | **26,6** | **123,1** |
| **I** | Ukraine | Sumy National Agrarian University | Improvement of the pastilles with hemp bran and determination of their quality | Vynnyk Anna, Kucherina Olga | Synenko Tetiana | **97,5** | **24,8** | **122,3** |
| **II** | Ukraine | Cherkasy State Technological University | Development of technology of functional concentrated drinks based on natural raw materials for participants in combat operations | Vechirko Tetiana, Kozachenko Alina | Sukhenko Vladyslav, Kurylenko Yuliia | **95,5** | **23,9** | **119,4** |
| **II** | Ukraine | Odesa National University of Technology | Odesa Black - the wine business card of Ukraine | Kravchenko Sofiia | Olena Myroshnichenko | **92,5** | **26,7** | **119,2** |
| **III** | Ukraine | Lutsk National Technical University | Development of Heat-Stable Fruit Filling Technology | Savchuk Vadym, Maslosh Illia | Panasiuk Svitlana | **92,5** | **24,1** | **116,6** |
| **III** | Ukraine | Sumy National Agrarian University | Development of a pasteurized coffee drink for the military | Popova Alona | Huba Svitlana, Bolhova Nataliia | **94,5** | **21,7** | **116,2** |
| **III** | Ukraine | Vinnytsia National Agrarian University | Plant-based ingredients a new perspective on traditional cookies | Zhuchenko Snizhana | Kolianovska Liudmyla | **95** | **17,8** | **112,8** |
| **III** | Ukraine | State University of Trade and Economics Ukraine | Technology of low-lactose yogurt based on secondary dairy raw materials | Badzhelidze Eliza | Serenko Anton | **94** | **18,6** | **112,6** |

## Winners in the nomination for advanced works of postgraduate students

| Country | Institution | Work Title | Authors | Supervisors | Score | | |
|---|---|---|---|---|---|---|---|
| | | | | | Stage 1 | Stage 2 | Total |
| Ukraine | Odesa National University of Technology | Development of soft camembert cheese technology using new milk-coagulating ingredients | Edward Didukh | Oleksandr Chaharovskyi | **100** | **29,4** | **129,4** |

## Participants

| Country | Institution | Work Title | Authors | Supervisors | Score Stage 1 |
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| Ukraine | Sumy National Agrarian University Ukraine | Development of technology for the production of meat and vegetable preserves using automatic process control systems | Dziuba Yaroslav | Maryna Savchenko | **92** |
| Ukraine | Sumy National Agrarian University | Prospects for the use of powdered food additives from wild berries in the production of pasta | Toderiuk Danylo, Spitsky Viktor | Demydova Yevheniia, Synenko Tetiana | **91** |
| Ukraine | Odesa National University of Technology | Cream cheese with jerusalem artichoke | Anna Datsenko | Antipina Olena | **90,5** |
| Ukraine | Sumy National Agrarian University | Improving bar technology using cashew nuts | Domashenko Marharyta | Bokovets Serhii | **89** |
| Ukraine | Kherson State agrarian and economic University | Superfood granola with adaptogens for nutrition of people exposed to extreme and stressful situations | Protsenko Hryhorii | Nataliia Novikova | **88** |
| Ukraine | Sumy National Agrarian University | Improvement of technology of pasta products with increase of food value | Hryhoriev Maksym, Kharitonov Dmytro | Melnyk Oksana | **87** |
| Ukraine | Sumy National Agrarian University | Improving snack product technology using flax flour | Bushnieva Anastasiia | Bokovets Serhii | **86,5** |
| Ukraine | Odesa National University of Technology | Development of a lactose-free vegetable beverage. Technology based on pumpkin seeds | Nazarova Elizaveta | Diduch Gennadiy | **86** |
| Ukraine | Lutsk National Technical University | Development of pemmican meat concentrate production technology | Kozachenko Oleksandr | Shemet Vasylyna | **85,5** |

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| Ukraine | National University of Life and Environmental Sciences of Ukraine | Improvement of fish restructured sausages technology | Lubianko Zakhar | Ochkolyas Olena | **84,5** |
| Ukraine | National Academy of the National Guard of Ukraine | Improvement of the technology of chopped meat products of enriched biological value | Harbuz Kateryna, Kudin Dmytro | Tovma Lidiia, Tsyhanovska Iryna | **83** |
| Ukraine | Odesa National University of Technology | Improvement of the method for determining gluten in quality control of grain and its processing products | Tatiana Kovalenko | Olha Voloshenko | **83** |
| Ukraine | National University Lviv Politechnic | Optimization of the enzyme-assisted extraction of Malva sylvestris L. by responce surface methodology for the development of the functional yogurt | Kulakivska Anastasiia | Konechna Roksolana | **80** |
| Ukraine | Odesa National University of Technology | Development of the recipe and technology for preparing a cold sauce with oil extracts of spices | Startseva Darya | Svitlana Kolesnychenko | **77** |
| Ukraine | Mykolaiv National Agrarian University | Meat snack production technology | Boiko Ruslan | Shevchuk Natalia, Zyuzko Alla | **76** |
| Ukraine | Sumy National Agrarian University Ukraine | Technology of frozen semi-finished products using vegetable raw materials | Buyalo Yehor | Melnyk Oksana | **75,5** |
| Ukraine | Mykolaiv National Agrarian University | Technology of production of dough-based products | Vevdiuk Nikita | Shevchuk Natalia, Petrova Olena | **74** |
| Ukraine | Sumy National Agrarian University | Snack products from secondary meat raw materials for military rations | Zhong Wenhui, Sun Yongshuai | Anna Helikh, Vasylenko Olha | **73,5** |
| Ukraine | Cherkasy State Technological University | The effect of antioxidant on organoleptic biochemical and microbiological parameters of ice cream | Iryna Hrabova, Adelina Horbunova | Iryna Osypenkova, Oksana Chepurna | **73,5** |
| Ukraine | Sumy National Agrarian University | Innovative approaches to making calzone with cuttlefish ink | Marchenko Tamara | Koshel Olena | **73,5** |
| Ukraine | Odesa National University of Technology | Development of fish-plant canned food for the armed forces of Ukraine | Olga Kravchenko | Nadiia Kushnirenko | **72** |
| Ukraine | Cherkasy State Technological University | Development of technology for cottage cheese casseroles with the addition of vegetable raw materials | Dermanska Aniuta, Sholka Olha | Ivashyna Lilia, Kurakin Oleksandr | **71,7** |

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| Ukraine | National Academy of the National Guard of Ukraine | Peculiarities of water supply for small groups of national guard of Ukraine units during the execution of service-combat tasks in field conditions | Artur Matuscak | Pavlenko Serhii | **70,5** |
| Ukraine | Oles Honchar Dnipro National University | Innovative approaches to creating desserts with high biological value | Kibalnik Katherina | Matsuk Yuliia | **65,5** |
| Ukraine | Sumy National Agrarian University | Technology of dessert buns using apricot powder | Dekhtiarenko Anastasiia | Koshel Olena | **64,5** |
| Ukraine | State Biotechnological University | Steak Fermentation: Enhancing quality and sustainability | Tkachenko Vladyslav | | **64** |