

BUCA IMSEF 2023 BIOLOGY CATEGORY FINALISTS

Country	Project Name	Student Name-Surname	Supervisor Name-Surname
South Africa	Effect of sheep density and length of disturbance on Prosopis seedling germination	Vera van der Merwe	Sura Mupezeni
Malaysia	INCORPORATION OF AIR PURIFIERS WITH BUILT-IN MINI ECOSYSTEM	AMITHA VIJEINDRAN	NOORLAILA BINTI ABDULLAH
Russia	INFLUENCE OF NICOTINE ON THE BODY	Ivashchenko Taisiya, Luzanova Marfa, Matveeva Yaroslava	Orlova Larisa
Azerbaijan	Innovative cream Z	Zahra Mehdiyeva, Christina Banchini	Maryam Abbaszada
Iran	Investigating the pharmacological properties of 21 flavonoid compounds against β and γ secretase as potential drug candidates for Alzheimer's disease using in silico models	Aida Bozorgzadeh	Nasrin Marouf
Taiwan	Learned Helplessness in Drosophila melanogaster	Yu-You, Wen, Yu-Yu, Kuo	Hsiang-Wei CHEN
Uzbekistan	LIVING LIFE AT THE EXPENSE OF OTHERS: AQUAPONICS SYSTEMS	Umid Hasanli, Akhmad Farid Barat, Komron Rakhimov	Elvin Abdullayev
Mexico	Outreach campaign to promote scientific vocations in preschool children through ludic and experimental activities in the field of natural sciences.	Mariana Rodríguez Rojo, Brianna Itzayana Valenzuela Grajeda	Gabina Mercedes Cardoza Gámez
Indonesia	"PACYSOIL" (Soil from Recycled Paper)	Muhammad Alaric Arsyada Adi, Adzkiya Tsabita Kirani Afanta, Mikayla Malika Martnasti	Retno Novianti Sari
Azerbaijan	Phytoremediation	Aykhan Amirli, Inji Amirli, Vitalia Ahmadova	Gulzar Abbasbayli
Azerbaijan	Robo Surgeon	Aysu Sultanli	Gulzar Alizada
United Arab Emirates	Smart Trash Management System using IoT	Mayed Almarri	Jamal Alkhayat
United Arab Emirates	Spoiled Food Detection Using IoT	Rowdha Almansouri	Mohamad Almansouri
Zimbabwe	Stroop effect	Manyawu Ruwarashe	Amerugu Abushama
Russia	STUDY OF BIOCHEMICAL ACTIVITY MICROBIOTA OF SOILS OF DIFFERENT ORIGIN	Irina Mironovich, Orlova Elizaveta, Voldeeva Eva	Salnikova Ksenia

South Africa	The effect of biodegradable olive-pulp plant pots on the germination and early growth of seeds	Inge Higgins	Sura Mupezeni
Mexico	Use of emerging technology for the extraction of bioactive compounds from Taraxacum officinale plant and its antioxidant study	Darbien Elihú Miramontes Rivas	Reyna Monserrat Soria Zamora