

Category 3. Life Sciences, Environmental Sciences and Chemistry

Participant №	Project №	Project Name	Authors	School	Country	Rating
1	III-1	Setup for automation of titration using the Arduino platform	Amalia Tsibryaeva	Gazprom School of St. Petersburg	Russia	I place diploma
2	III-2	The influence of the gender and lineage of laboratory rats on the indicators of their tentative research reaction and anxiety level.	Kira Korepina	Specialized Educational and Scientific Center (Faculty) named after A.N. Kolmogorov of the Moscow State University named after M.V. Lomonosov	Russia	I place diploma
3	III-3	A Novel heterogeneous system catalyzed biginelli reaction one-pot synthesis of dihydropyrimidinones/thiones using SiO ₂ -KAl(SO ₄) ₂ ·12H ₂ O under solvent-free conditions	Mohammad Hossein Rahmani Taha Kanaani	Iranian Youth Science and Technology Center (IYSTC)	Iran	I place diploma
4	III-4	Biop'lai'stic: Innovation in Bioplastics Based on Local Wisdom	Angeline Michelle Wong Karen Wong Whitney Von Kwan	Harapan Bangsa Christian School (CYS)	Indonesia	I place diploma
5	III-5	Late Pleistocene wolf (Canis lupus Linnaeus, 1758) of North-Eastern Yakutia	Alexey Dmitriev Artem Sleptsov	Specialized Educational and Scientific Centre of the M.K. Ammosov North-Eastern Federal University	Russia	I place diploma

6	III-6	Adaptation of a fluorescence in situ hybridization (FISH) method that preserves three-dimensional nuclear organization for HeLa cell culture	Anna Malinovskaya	Specialized Educational and Scientific Center (Faculty) named after A.N. Kolmogorov of the Moscow State University named after M.V. Lomonosov	Russia	I place diploma
7	III-7	Effect of chronic atorvastatin administration on parameters of electrical activity of the mouse heart	Ekaterina Yagolovich	Specialized Educational and Scientific Center (Faculty) named after A.N. Kolmogorov of the Moscow State University named after M.V. Lomonosov	Russia	II place diploma
8	III-8	Kombucha-based jelly candy as alternative antioxidant candies	Yasmin Aisha Faiha Athifa Farihan Naflah	Teuku Nyak Arif Fatih Bilingual School (CYS)	Indonesia	II place diploma
9	III-9	Development and Characterization of Biodegradable PLA-Based PCB Coating	Christopher Danson Xia Lysandra Satrina	SMA Katolik Santu Petrus (IYSA)	Indonesia	II place diploma
10	III-10	Study of changes in the ecological state and implementation of cleaning of Lake Tumasukan in the village of Suntar	David Zorin	Suntar Polytechnic Boarding School	Russia	II place diploma
11	III-11	CYMORINA: Antibacterial Facial Serum made from a Combination of Moringa Leaves (<i>Moringa oleifera</i>) and Lemongrass (<i>Cymbopogon citratus</i>) as a Preventive and Curative Solution for Acne Infections	I Komang Satya Wijaya Putra I Wayan Nimai Pandita Dasa	Denpasar 3 Senior High School (CYS)	Indonesia	II place diploma

12	III-12	LARVIS APP (LARVA INTELLIGENT SYSTEM), A MACHINE LEARNING TOOL FOR WATER LARVAE DETECTION AIMED AT LOWERING DENGUE FEVER INCIDENCE IN INDONESIA	Muhammad Anies Sya'roni Ahmad Nizar Muhammad Fahri Yiputra Muhammad Rehan Syarif Daniel Muhammad Kenzie Alvaro Faris Arvin Fawwaz Ganding Kertarajasa	MAS UNGGULAN AMANATUL UMMAH SURABAYA (IYSA)	Indonesia	II place diploma
13	III-13	Implementation of the In Silico Method in Studying the Potential of Bioactive Compounds of Rambutan (Nephelium lappaceum L.) Epicarp as an Inhibitor in the Treatment of Alzheimer's Disease	Nadia Christy Li	Jakarta Penabur 8 Christian School (CYS)	Indonesia	II place diploma
14	III-14	SAVEST: Utilization of Rice Husk as Filling Material for Protective Jacket to Reduce the Impact of Earthquake Debris	Shovia Aqiela Adzkia Fathiyya Mumtaz Askana Huwaida Ratifa Azahraa Kharissa Rizaal Roro Dyah Ayu Nayla Putri Padma Negara	Madrasah Aliyah Negeri 4 Jakarta (IYSA)	Indonesia	II place diploma
15	III-15	Infestation with house fungus in Namtsy village housing stock	Aman Gogolev, Sulustan Isakov	Namtsy Secondary School No. 2	Russia	III place diploma
16	III-16	KaliX- A Botanical Breakthrough in Termite Eradication	Alisha Khan Moovika Sahu	Delhi Public School Raipur	India	III place diploma
17	III-17	Beans, Bugs, and Balance: A Synbiotic Drink to Fight Deficiency Anemia	Aida Kamaliya Rahman	Masa Depan School (CYS)	Indonesia	III place diploma
18	III-18	Development of Polymer Composite Materials for Osteosynthesis obtained by 3D printing	Luybov Tarasova, Ulyana Aykhaeva	Yakutsk Secondary School No. 31, V.P. Larionov Physics and Engineering Lyceum	Russia	III place diploma

19	III-19	Dependence of drinking water quality storage conditions	Alika Sleptsova, Arsen Bryzgalov	Namtsy Secondary School No. 2	Russia	III place diploma
20	III-20	A unique discovery of a bison calf (<i>Bison priscus</i>) in Yakutia	Diana Arzhakova	Specialized Educational and Scientific Centre of the M.K. Ammosov North-Eastern Federal University	Russia	III place diploma
21	III-21	Utilization of Soybean Pulp as Fertilizer for Peat Soil	Ni Luh Devigitha Widhyadnyani Avani Aprilia Bassa Oktaviandi Santoso	Palangkaraya 1 High School (CYS)	Indonesia	III place diploma
22	III-22	A Novel Study of <i>Prunus Domestica</i> by Using Eco-Friendly Bricks	Swastik Verma	Delhi Public School Raipur	India	III place diploma
23	III-23	Demineralization of highly concentrated waters by natural freezing	Aelina Kolesova	Specialized Educational and Scientific Centre of the M.K. Ammosov North-Eastern Federal University	Russia	III place diploma
24	III-24	Utilization of Cocopeat and Red Algae in the Production of Biodegradable Bioplastics	Garry Justine Shalena Samaoen Sherissa Gelya	Citra Kasih School (CYS)	Indonesia	III place diploma
25	III-25	Study of the chemical composition of milk by qualitative methods	Irina Nikiforova	A.N. Chusovsky Nyurba Technical Lyceum	Russia	
26	III-26	Craniological characteristics of the fossil wolverine (<i>Gulo gulo linnaeus</i> , 1758) from North-Eastern Siberia	Victoria Fedorova Polina Filippova	Specialized Educational and Scientific Centre of the M.K. Ammosov North-Eastern Federal University	Russia	

27	III-27	Carbon capture and utilisation: a pathway to combat climate change	Miruna Ionascu	"Vasile Alecsandri" National College	Romania	
28	III-28	ALLELOPATHIC ORGANIC CONTROL FOR BROOMRAPE	Hatice YILDIRIM Sümeyye TÜRKARSLAN Mehlika Zeynep BİLGİN	IZMIR IISEEF	Turkey	
29	III-29	Study of molecular pathways involved in bipolar disease	Parham Arabzadeh	Iranian Youth Science and Technology Center (IYSTC)	Iran	
30	III-30	Design and In-silico Study of Avian Influenza Virus Vaccine Candidates	Evelline Huang	Karunia Global Private School (CYS)	Indonesia	
31	III-31	Reform3D: Utilizing Indigenous Plant Fibers for Biodegradable Filament Production in Low-Tech Digital Fabrication.	Salwa Putri Nabilah	SMA Negeri 5 Palangka Raya (IYSA)	Indonesia	
32	III-32	Ecocaps	Rudra Kashyap Shekh Kamran Vedanshi Singh	Delhi Public School Raipur	India	
33	III-33	Morphological characteristics of fossil horses	Dayaana Indeeva Sayaana Indeeva	Specialized Educational and Scientific Centre of the M.K. Ammosov North-Eastern Federal University	Russia	
34	III-34	Photochemical analysis of spider lili with perfect weedicidal properties	Shagun Agrawal Krrisha Agrawal	Delhi Public School Raipur	India	
35	III-35	Development of Medical Materials Based on Biodegradable Polymers	Stanislav Skorokhodkin, Olesya Sivtseva, Naina Starostina	V.P. Larionov Physics and Engineering Lyceum, Sakha Polytechnic Lyceum, Yakutsk Secondary School No. 31	Russia	

36	III-36	The Utilization of Orange Peel and Lemongrass as An Organic Room Freshener	Jonathan Marek Kalvin Lumi Nathanael Davin Wijana Gabriel Bryan Valentino Marung Gilbert Hanrui Sumardi Kenzo Matthew Tjuaca Dashiell Arifin	SMA Regina Pacis Bogor (IYSA)	Indonesia	
37	III-37	Effectiveness of Used Cooking Oil-Based Batik Wax in Preventing Color Absorption in the Batik Making Process	Nicholas Kenneth Eddyson Grant Morici Phangara Olivia Laetitia Irawan Alexandrea Eugenia Anthonius	Santa Laurensia School (CYS)	Indonesia	
38	III-38	The development of lipstick based on rosehip flower hydrolate and beeswax	Diana Solovyova	Yakutsk Secondary School No. 31	Russia	
39	III-39	Recycling as a Way to Improve our School Environment	Sadeel Obeidallah Mariam Bataha Rimas Samara Farah Butmah	Battir Girls Secondary School	Palestine	
40	III-40	Calcium Based Batteries Using Processed Industrial and Agricultural Residues	Haardik Verma	Delhi Public School Raipur	India	
41	III-41	Self-Healing Concrete: A Literature Study on the Utilization of Biomaterials in Self-Healing Concrete and Its Potential in Sustainable Construction	Kannaya Alexandra Sutrisno	Mutiara Persada School (CYS)	Indonesia	

42	III-42	Exploring the Molecular Mechanism of Sauropus androgynus as Neoadjuvant Therapy to Inhibit BIRC5 and EGFR Genes Overexpressed in Triple-Negative Breast Cancer through Comprehensive Bioinformatics Analysis	Haya Nafisa Mumtaza	SMA Negeri 5 Surabaya (IYSA)	Indonesia	
43	III-43	Ice Cream and Indian Sweets Self Life Increaser	P Sanchita	Kendriya Vidyalaya Sangathan	India	
44	III-44	Study of the process of reacclimatization of forest bison in different regions of the Republic of Sakha Yakutia	Diana Gerasimova	Suntar Polytechnic Boarding School	Russia	
45	III-45	Development of a Local Climate Control System Using Nanotechnology and Magnetic Fields	Helmy Abdo Kenan Abu Hajar Mohamed Alhaj Yousif	Palestinian Ministry of Education West Gaza Directorate Arafat Gifted Secondary School for Boys	Palestine	SPECIAL PRIZE FOR THE WILL TO WIN
46	III-46	Effect of thyme hydrolysate toothpaste on biochemical parameters of saliva	Miroslava Kuzmina	Specialized Educational and Scientific Centre of the M.K. Ammosov North-Eastern Federal University	Russia	
47	III-47	Drone Scattering Agricultural Seeds	Ahmed Saif	Fujairah Science Club	United Arab Emirates	
48	III-48	Study of iron ion content in different apple varieties	Aina Evseeva	Dal'yr Secondary School	Russia	
49	III-49	Designing a Liquid to Destroy Foreign Bodies (fish bones) Causes of Appendicitis	Edric Ferdinand Ardianto	Piwulang Becik (CYS)	Indonesia	
50	III-50	Impacts of Climate Change and Rainfall Pattern Variations in Lahat City	Hafizah Azahra	Lahat Saint Joseph Junior High School (CYS)	Indonesia	

51	III-51	Ecological niche of the reindeer	Nikolay Terekhov	Yakutsk Secondary School No. 23	Russia	
52	III-52	Basic copper carbonates. Synthesis of malachite and azurite	Maria Dashunina	Regional Technical Lyceum named after V. I. Dolgikh	Russia	
53	III-53	Insoluble Crystals in School Laboratory. Micro and Macro Level	Marianna Artamonova Ksenia Diner	Regional Technical Lyceum named after V. I. Dolgikh	Russia	
54	III-54	Enhancing Neural Precision: Advanced Chip Development For The ROSA Robotic Arm In Glioma Resection	Sewar Abu-Zant Relam Hudairi	Aladawiah Secondary Girls School/ Directorate of Education-Tulkarm	Palestine	