

## The 40th Beijing Youth Science Creation Competition (International Contestants)

序号 NO.	国家/地区 Country/Region	学科 Category	项目名称 Title of Project	个人/ 集体 Individual/ Team Project	项目成员 Authors	Awards
1	丹麦 Denmark	环境科学与工程 Environmental Science & Engineering	The self-sorting recycling bin	集体 Team	Markus Jensen;Adian Øllegaard;Nicolai Damm	一等奖 First Prize
2	荷兰 Netherlands	环境科学与工程 Environmental Science & Engineering	Cow farts and Climate Change	集体 Team	Maud Smit; Luuk Veltman ; Lotte Toxopeus	一等奖 First Prize
3	澳门 Macao	环境科学与工程 Environmental Science & Engineering	衍生自沸石咪唑酯骨架的双功能氧还原催化剂及在锌空气电池中的应用	集体 Team	胡钧再; 梁子浩; 卢咏珈	一等奖 First Prize
4	台湾 Taiwan	环境科学与工程 Environmental Science & Engineering	三槽式微生物燃料电池及不同尿液中微生物产电效率影响之探讨 Three-chambered Microbial Fuel Cell and Discussion on The Effect of Different Microorganism in Urine on Electricity Generation	集体 Team	苏诗元 Shih-Yuan Su; 路峰 棋 Feng-Qi Lu	一等奖 First Prize
5	以色列 Israel	计算机 Computer Science	Smarticles	集体 Team	Neta Gadidi;Idan Raviv;Lianne Raviv	一等奖 First Prize
6	印尼 Indonesia	计算机 Computer Science	RFID Based Intelligent Trash Bin	集体 Team	Vondra Amabel Aryona; Farahdela Tri	一等奖 First Prize

7	捷克Czech Republic	生物化学与分子生物学Biochemistry and Molecular Biology	Novel Synthetic Pathway for Highly Selective CK1- $\delta/\epsilon$ Inhibitors as Cure for Chronic Lymphocytic Leukemia	个人 Individual	Jan Obořil	一等奖First Prize
8	乌克兰Ukraine	生物医学Biomedical Science	The Oligomeric Form of the Amyloid B-Peptide 1-42 promotes synaptic vesicles aggregation in the cell-free system	个人 Individual	Anastasisa Bielinska	一等奖First Prize
9	乌克兰Ukraine	生物医学Biomedical Science	miR-34a, miR-124a, miR-155 AS A LABORATORY MARKER OF THE EFFECTIVENESS OF CHEMOTHERAPY IN THE BREAST CANCER	个人 Individual	Pidlypenets Oleksii	一等奖First Prize
10	澳门Macao	生物医学Biomedical Science	基於雙響應納米藥物應用於癌症治療	集体 Team	方鴻論FONG HONG U、劉十滔LAO SAP TOU	一等奖First Prize
11	台湾Taiwan	生物医学Biomedical Science	探討突變p53在胰臟癌細胞的抗藥性機轉以發展輔助性抗癌策略Investigate the influence of the resistance to drugs cause by mutant p53 in pancreatic cancer to develop an assistive anti-cancer strategy	个人 Individual	吳熙寧WU, SI-NING	一等奖First Prize
12	德国Germany	物理Physics and Astronomy	Exploration of the validity of the Ergodic	个人 Individual	Jason Luke von Juterczenka	一等奖First Prize
13	巴基斯坦Pakistan	环境科学与工程Environmental Science and Engineering	Recycling Plastic Waste to create Low Cost Housing for Slum Areas	集体 Team	Jameel Ahmad; Mubashar Ahmad; Areeba Fatima	二等奖Second Prize
14	澳门Macao	环境科学与工程Environmental Science and Engineering	二合一多功能智能水底機械人multifunctional intelligent Autonomous Underwater Vehicle	集体 Team	洗嘉俊Cristiano Afonso da Silva; 莫梓健Sebastien Sin; 劉哲Lao chit Brian	二等奖Second Prize
15	意大利Italy	环境科学与工程Environmental Science and Engineering	SMART FARMING SYSTEM	集体 Team	Romanò Sergio; Beninato Salvatore; De Carlo Domenico	二等奖Second Prize

16	泰国 Thailand	环境科学与工程 Environmental Science and Engineering	Fruit wrapping materials by copying the creation of the caterpillar casing of the bagworm.	集体 Team	Teeraphat Srikaew; Taweessap Soison; Phakapan Chaiyawong	二等奖Second Prize
17	泰国 Thailand	环境科学与工程 Environmental Science and Engineering	Development of High Precision Amazing Seed ball mimicking the External structure of Water Caltrop For increasing the Economic Value and sustainable	集体 Team	Pachara Oranriksupuk; Pryn Jittiphalangsri	二等奖Second Prize
18	俄罗斯 Russia	计算机Computer Science (CS)	Theorem by instability of limit cycles	个人 Indiv idual	Chernousov Danil	二等奖Second Prize
19	香港 Hongkong	计算机Computer Science (CS)	老动拼图 Brain Workout	集体 Team	张凯茵Cheung Hoi Yan、胡 颖齐Woo Wing Chai、陈诗 雅Chan Sze Nga	二等奖Second Prize
20	香港 Hongkong	计算机Computer Science (CS)	一路畅通Octo-Bus	集体 Team	布晓彤Po Hiu Tung; 詹静 嫦Chim Ching Hei; 蔡靖雯Tsai Ching	二等奖Second Prize
21	捷克Czech Republic	生物化学与分子生物 学Biochemistry and Molecular Biology	Synthesis of Potential Anti-tuberculosis Drugs	个人 Indiv idual	Nikola Eva Mádlová	二等奖Second Prize
22	乌克兰 Ukraine	生物化学与分子生物 学Biochemistry and Molecular Biology	Investigation of the inhibitory properties of synthetic $\alpha$ , $\beta$ , $\gamma$ peptides for the polymerization of human blood plasma	个人 Indiv idual	Anastasiia Kyrychenko	二等奖Second Prize
23	俄罗斯 Russia	生物医学Biomedical Science	A system for self-correcting the performance of sports exercises	个人 Indiv idual	Ivan Martynov	二等奖Second Prize
24	捷克Czech Republic	生物医学Biomedical Science	Lactose intolerance and analysis of volatile substances in human breath	个人 Indiv idual	KateřinaPtáčková	二等奖Second Prize
25	巴西 Brazil	生物医学Biomedical Science	Relieve to live - Electronic device to reduce the fibromyalgia pain	个人 Indiv idual	Bruna Letícia Land	二等奖Second Prize
26	乌克兰 Ukraine	生物医学Biomedical Science	COMPREHENSIVE TREATMENT OF GUNSHOT WOUNDS OF THE LOWER EXTREMITIES	个人 Indiv idual	Olha Levchenko	二等奖Second Prize

27	德国 Germany	物理Physics and Astronomy	MUONS Investigaton on global cosmic muon flux and development of detrector systems	个人 Indiv idual	David Simon Spyra	二等奖Second Prize
28	土耳其 Turkey	物理Physics and Astronomy	DEVELOPMENT OF PHOTOACOUSTIC SPECTROSCOPY SYSTEM AND UNDER- SKIN IMAGING APPLICATION	个人 Indiv idual	Mehmet Emre Tiryaki	二等奖Second Prize