



**Approved by the decision of the organizing committee
of the International Students Olympiad – 2023
of 13.03.2023, Protocol No. 4**



**The program of the International Olympiad of
Students -2023**



*Жүзден жүйрік
Primus inter pares.
Первый среди равных.*

The goal of the Olympiad is 2023

- ✓ creation of an international platform for the exchange of experience and best practices;
- ✓ popularization of practical skills;
- ✓ the opportunity to discuss the creation of common scientific projects, startups.



Date: May 4-5, 2023.



Location: 49 Beibitshilik Av., Astana, Republic of Kazakhstan



The language of the Olympiad-2023 is Kazakh, Russian, English

Organizer of the Olympiad: Astana Medical University (hereinafter - MUA), organizing committee.

Address: 49A Beibitshilik Av., Astana, Republic of Kazakhstan

Format: full-time



Online section: Kazakh language\ Russian language



The program of the International Student Olympiad includes the work of the following sections:

1. Morphology (anatomy, histology)
2. Normal physiology
3. Pathological anatomy
4. Fundamentals of medical genetics
5. Obstetrics and gynecology
6. Internal diseases
7. Childhood illnesses
8. Childhood infections
9. Hygiene, epidemiology and Public health
10. Kazakh/ Russian for foreign students
11. Surgery
12. Urology and andrology
13. Nursing
14. Chemistry (for students of grades 10-11)
15. Biology (for students in grades 10-11)

The program of the International Student Olympiad

03 May 2023

Check-in. Meeting of participants. Placement.	Departments by sections	Hotel University Dormitory Hostel
The first day. 04 May 2023.		
08:30 – 09:50 Registration of participants (during registration, the Murager Orchestra plays in the hall of the University)	Youth and Sports Center	Hall of the main building, 49 Beibitshilik str.
08:30 – 09:50 Visit to the University Museum	Museum - Toleukulova K.K.	Beibitshilik str., 51 1st floor



10:00 – 10:30 The grand opening of the Olympiad Concert for the participants of the Olympiad		Organizing committee Youth and Sports Center	Conference hall, 1st floor Beibitshilik str., 49		
10:30-11:50 Competition No. 1 ✓ Representation of universities. ✓ According to the results of the preliminary work of the Olympiad jury, the broadcast of the best 7 videos representing universities (the time limit is 3 minutes). ✓ Reception and registration of videos until April 14, 2023! ✓ Summing up the results of the competition		All declared university teams Olympiad Jury Youth and Sports Center volunteers	Conference hall, 1st floor Beibitshilik str., 49		
Lunch: 12:00-13:00					
May 04	Work schedule Sections according to the Program of sections	Chairman	Responsible	Location	
1. Morphology (anatomy, histology)					
14.00-14.45 15.00–15.45 16.00–16.45	Competition stage 1 – Guess the organ (black box) stage 2 – "Micro-macro" on the knowledge of micro-preparations stage 3 - "The best expert in X-ray anatomy"	Almabayeva A.Y. – MD, Professor, Head of the Department of Human Anatomy named after A.B. Aubakirov.	Khamidulin B.S., Suleimenova F.M. Isaeva Z.K. Zhanalieva M.K.,	Astana, 33 Saryarka str., 224 aud., 2nd floor	
2. Normal physiology					
14:00 - 16:00	Stage 1 – Practical skills: ✓ Methods of visual analyzer research ✓ Research methods of the auditory analyzer	Khamchiev Kureysh Mavlovich, PhD, Professor, Head of the Department of Normal Physiology.	Shandaulov A.H. Ibraeva S.S.	Astana, 33 Saryarka str., 6th floor, Department of Normal Physiology	



16:00-18:00	<ul style="list-style-type: none"> ✓ Physical methods of heart examination ✓ ECG decoding ✓ Methods of investigation of reflex activity of the spinal cord <p>Stage 2 - Production of physiological layouts, video presentation of the process of making a physiological layout</p>		Shandaulov A.H. Ibraeva S.S.	
3. Pathological anatomy				
14:00-16:00	"Naming" contest of pathology of cells and organs	Manekenova K.B. – Head of the Department of Pathological Anatomy	Popova M.R. Nurgalieva A.E.	Astana, 33 Saryarka str., 3rd floor
16:00-18:00	Execution of a 5-stage case task			Department of Pathological Anatomy
4. Fundamentals of medical genetics				
14:00-15:00	A written task for critical thinking	Altayeva N.Z. – Head of the Department of Medical Genetics and Molecular Biology	Mambetpaeva B.S., Abdrakhmanova B.M., Kazhiyakhmetova B.B.	Beibitshilik str., 49, 3rd floor, Department of Medical Genetics and Molecular Biology
16:00-17:00	Practical skills		Mambetpaeva B.S., Smanova G.B., Kazhiyakhmetova B.B.	
5. Obstetrics and gynecology				
14:00-16:00	Stage 1: "Competition of practical skills/basic obstetric and gynecological manipulations" (manuals, perineorrhaphy, episiotomy/surgery, suturing, knowledge of tools)	Hamidullina Z.G. - Head of the Department of Obstetrics and Gynecology No. 1 S.S. Iskakov – Head of the Department of Obstetrics and Gynecology No. 2	Akhmedyanova G.U. Myrzabekova A.Zh., Shegenov G.A. Belyalova G.T.	Astana Beibitshilik str., 53



16:00 - 17:00	- Stage 2: "Solving situational problems - urgent conditions in obstetrics and gynecology"			
6. "Practical skills in the clinic of internal diseases"				
14:00-16:00	"Emergency care in cardiology"	Ainabekova B.A.- MD, Professor, Head of the Department of Internal Diseases with courses in Gastroenterology, Endocrinology and Pulmonology		Astana Beibitshilik str.49
16:00-18:00	"Practical skills in pulmonology"			
7. Childhood illnesses				
14.00 - 14.45	Contests 1. Determination of reflexes of newborns	Abdrakhmanova S.T. – MD, Professor, Head of the Department of Pediatric Diseases with courses in Cardiorheumatology and Gastroenterology.	Atalykova G.T. Tuleubaeva A. A. Zhumabaeva S.M.	Beibitshilik str. ,53 Coworking center, 3rd floor 303 room
15.00 - 15.45	2. "Diagnostics" - interpretation of analyses, radiographs			
16:00-16:45	3. Solving situational problems			
16:45-18:00	Summing up the results			
8. Children's infections (for residents and interns)				
14:00 – 15:00	The team's business card	Dinagul A. B.- MD, Professor, Head of the Department of Children's Infectious Diseases.	Kosherova B.N. – MD, Professor Omarova A.K. Altynbekova A.V. Seidullayeva A.Zh . Khamitova M.O. Tulegenova G.K. Rudenko V.V.	Astana, Ryskulova str.,12, 3rd floor, Department of Children's Infectious Diseases
15:00-16:00	Solving a situational problem in the form of a clinical case			
16:00-17:00	Demonstration of practical skills			
9. Hygiene, epidemiology and Public health				



14:00-17:00	Stage I: Greeting and acquaintance of the team, homework - presentation (on any relevant topics of the section). Stage II: Implementation of a 4-stage case assignment: Solving situational tasks; Demonstration of practical skills.	Kitarova Z.B. - Professional Education Manager of the Department of Production Activities of the RSE at the National Center of Expertise of the Ministry of Health of the Republic of Kazakhstan	Amanova A.D. Zhizhila S.A. Serikbay S.Zh. Blyalova A.K.	Astana, Beibitshilik str., 51, 5th floor
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10. Kazakh tili/Russian for foreign students.Online.

14:00 - 15:00	Competition Stage 1 - Listening and reading	Zharikova Didar Rymzhanovna – Candidate for Pedagogical Sciences,	Inirbaeva K.K. Topanova M.S.	Astana, Saryarka str., 33 Department of Philological Disciplines
15:00-16:00	Stage 2 – Speaking on an oral topic	Head of the Department of Philological Disciplines		

11. Surgery

14:00-16:00	Competition No. 1 "Reconstructive hirurgy" Competition No. 2 "Stomach resection according to Balfour"	Fursov A. B.- Doctor of medicine, Professor, Head of the Department of Surgical Diseases, Bariatric Surgery and Neurosurgery	Volchkova I.S. – Professor, MD Kuspaev E.N. – Associate Professor of the Department, PhD, Iginov N.S. – Professor, MD Aksarin A.K. - assistant of the department	Astana, Beibitshilik str., 53 Coworking center. 3rd floor
16:00-18:00	Evaluation of works and theoretical training	Kozhakhmetov S.K.- Head of the Department of Surgical Diseases with a course of cardiothoracic surgery and Maxillofacial surgery, Associate professor.		

12. Урология и андрология



14:00-16:00	Competition. "Ileocystoplasty by Studer "	Sushchenko A. F. PhD Associate Professor of the Department of Urology and Andrology of the NAO "Astana Medical University"	Zhanbyrbekuly U.Ph.D. Associate Professor, Head of the Department of Urology and Andrology Salimov R. B. - resident urologist Bazhikenova I. S.– resident urologist	Astana City Hospital No. 1
16:00-18:00	Evaluation of works and theoretical training			
13 Nursing				
14.00-15.00	Competition No. 1 Solving case problems Competition No. 2 Assessment of practical skills	Kutybaeva B.S. – Acting Head of the Department of Nursing	Alaydarova M.E., Burkitbayeva A.Zh., Turebekova A.G.	ul. Peace 53 Coworking center, 3rd floor 303 auditorium
15.20-17.00				
14. Chemistry (for students in grades 10-11)				
14:00-15:30	Written assignment. Problem solving.	Akhmetzhan A. – Director of No. 90 gymnasium	Madieva S.A., Bolotov A.K.	Astana, ul. Beibitshilik 49, 4th Floor, Department of general and Biological Chemistry
16:00-17:00	Practical skills (determination of the composition of the proposed mixtures)	named after Kayum Mukhamedkhanov		Biological Chemistry
15. Biology (for students in grades 10-11)				
14:00-15:00	Competition Stage 1 – 2 written tasks for critical thinking	Abdrakhmanova B. M. – Senior Lecturer of the Department of Medical Genetics and Molecular Biology	Mambetpaeva B.S., - Kuzenbayeva A.E. Nurkeshova E.T. Tulepbergenova S.A.	Astana, 49 Beibitshilik str., 3rd floor, Department of Medical Genetics and Molecular Biology
16:00-17:00	Stage 2 - practical skills (solving situational problems and microscopy of the drug)			
17.00 - 19.00	Sightseeing tour of the city of Astana		Departments in their fields, Youth and Sports Center	Astana city



The second day (May 5, 2023)

10.00 – 11:40	The closing ceremony of the Olympiad. Summing up the results of the Olympiad. Awarding of winners with diplomas of 1,2,3 places, certificates of participants of the Olympiad	Chairman: Khamchiev K.M., Chairman of the jury	Organizing Committee The Jury Youth and Sports Center	Conference hall, 1st floor , 49 Beibitshilik str.
From 12:00 o'clock	Departure of the Olympiad participants		Responsible departments by sections	

The program was discussed and approved at the meeting of the organizing committee.

Protocol No. 4 of 13.03.2023



Председатель оргкомитета Международной
Студенческой Олимпиады

К.Хамчиев

Секретарь:

Ж.Мусаева