

ASTANA  
**MEDICAL**  
FORUM  
14-15.10.2024



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The First International Scientific  
and Practical Conference

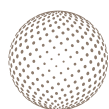
«*Astana Medical Forum 2024:*

Medicine of the Future – Integration  
of Science, Education, and Practice,  
dedicated to the 60th Anniversary of  
JSC «Astana Medical University»

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14-15 October 2024





**ASTANA  
MEDICAL  
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ASTANA MEDICAL  
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# PROGRAM

## 14 October



8.30 – 9.30



Hall of the main  
building of AMU

### Participant Registration



9.30 – 10.53



Assembly Hall of  
the Main Building  
of AMU, 49A Bey-  
bitshilik Street,  
1st Floor

### Opening Ceremony of the Conference

#### Opening of the Conference:

Kamalzhan Nadyrov, Chairman of the Board - Rector, Astana Medical University

#### Welcome Speeches:

Akmaral Alnazarova, Minister of Health of the Republic of Kazakhstan

Eraly Tugzhanov, Advisor to the Prime Minister of the Republic of Kazakhstan

Alexey Tsoi, Head of the Medical Center of the Administration of the President of the Republic of Kazakhstan

Akmed-Zaki Darkhan Zhumakanovich, Vice Minister of Science and Higher Education of the Republic of Kazakhstan

Hans Kluge, M.D., Director of the WHO European Regional Office (video greeting)

Skender Sylva, Head of the WHO Country Office in the Republic of Kazakhstan





🕒 10.53 – 11.10



Assembly Hall of  
the Main Building  
of AMU, 49A Bey-  
bitshilik Street,  
1st Floor

Zhanna Asanova, Senate Deputy of the Parliament of the  
Republic of Kazakhstan (to be confirmed)

Mazhilis Deputy of the Parliament of the Republic of Kazakh-  
stan (уточняется)

### Opening Ceremony:

- Scientific research institute of respiratory medi-  
cine
- Scientific research institute of cardiac rhythm

🕒 11.10 – 12.45



Assembly Hall of  
the Main Building  
of AMU, 49A Bey-  
bitshilik Street,  
1st Floor

### Plenary Session: «New horizons in the development of education and science in the 21st century»

#### Moderator:

Maksut Kulzhanov, Professor of Health Policy and Management  
Department, Kazakh National Medical University named after S.D.  
Asfendiyarov, Chairman of the Board of the Public Association  
"Republican Medical Chamber"

🕒 11.10-11.25

### Strategic Directions in the Development of Medical Science

Akmaral Alnazarova, Minister of Health of the Republic of Kazakh-  
stan

🕒 11.25-11.40

### Prospects for the development of higher edu- cation and science in Republic of Kazakhstan

Akmed-Zaki Darkhan Zhumakanovich, Vice Minister of Science and  
Higher Education of the Republic of Kazakhstan

🕒 11.40-11.55

### Opportunities and Realities of a Modern Medical University

Marat Shoranov, Chairman of the Board - Rector, Kazakh National  
Medical University named after S.D. Asfendiyarov

 11.55-12.10

### What challenges do digital technologies pose for the higher education system?

Miras Daulenov, president of Coventry university

 12.10-12.25

### Transformation of the university: a look into the future

Kamalzhan Nadyrov, Chairman of the Board - Rector, Astana Medical University

 12.25-12.40

### Nazarbayev university medicine: from fundamental to a long and healthy life

Massimo Pignatelli, Vice President for Medicine – Dean of the School of Medicine, Nazarbayev University

 12.40-13.00

### Questions and answers

 12.00 – 14.00

### Lunch

 14.00 – 15.20



Assembly Hall of  
the Main Building  
of Astana Medical  
University,  
49A Beybitshilik  
Street,  
1st Floor

### Expert talks in TEDx format: «The medicine of the future: vision and how to achieve It»

Link for online participation

<https://us06web.zoom.us/j/85916415140?pwd=OI-WLQY6glw5NLifilQtGTcfOPDTcQt.1>

### Moderator:

Vitaliy Koikov, Vice-Rector, Astana Medical University

 14.00-14.15

### Clinical technologies in medicine as a new approach to healthcare workforce training

Maikel Peppelenbosch, Head of Research Department, Erasmus University Medical Center, Vice President of the Royal Netherlands Academy of Arts and Sciences, Netherlands

 14.15-14.30

### **Achievements of the WHO European Region in human resource development in health care**

Stella Gheorghita, Advisor on Policy and Strategies for Universal Health Coverage

 14.30-14.45

### **Philosophy of medicine and radiology, or reflections on medicine**

Rainer K. Rienmuller, MD, Honorary Professor of Radiology, Medical University of Graz, Austria

 14.45-15.00

### **Reproductive medicine in the Republic of Kazakhstan: new horizons**

Vyacheslav Lokshin, Director of the International Clinical Center for Reproductive Medicine PERSONA, President of the Kazakhstan Association of Reproductive Medicine, President of the Association of International Pharmaceutical Manufacturers, Academician of the National Academy of Sciences of the Republic of Kazakhstan under the President of the Republic of Kazakhstan

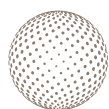
 15.00-15.15

### **Results of the foresight study on the development of science in healthcare of the Republic of Kazakhstan**

Anar Turmukhambetova, Chairman of the Board - Rector, Karaganda Medical University

 12.55-13.00

### **Questions and answers**



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14.00 – 15.20



Lecture Hall No. 1,  
Main Building of  
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49A Beybitshilik  
Street,  
1st Floor

## Respiratory simposium

Link for online participation

<https://amu1.webex.com/amu1-ru/j.php?M-TID=m9d893c588b6d72338e3dc7852c7cc26a>

### Moderators:

Konstantin Garkalov, Professor of the Department of Family Medicine No. 3, Astana Medical University, Chairman of the Republican Interregional Pulmonology Commission of the Ministry of Health of the Republic of Kazakhstan.

Ardak Zhumagaliyeva, National Delegate of the European Respiratory Society from the Republic of Kazakhstan, Leading Specialist in the Department of Science and Gerontology, Hospital of the Medical Center of the Administration of the President of the Republic of Kazakhstan.



14.00-14.20

## Welcome Speeches:

Aliya Rustemova, Head of the Public Health Department of the City of Astana

Talantbek Sooronbayev, Director of the National Center for Cardiology and Therapy named after Academician Mirsaid Mirrahimov under the Ministry of Health of the Kyrgyz Republic (online)

Sergey Avdeev, Director of the Clinic of Pulmonology and Respiratory Medicine, Head of the Department of Pulmonology at First Moscow State Medical University named after I.M. Sechenov, Chief Consultant Pulmonologist of the Ministry of Health of the Russian Federation, Academician of the Russian Academy of Sciences (video recording)

Elena Davidovskaya, Head of the Department of Pulmonology and Surgical Methods for Treating Respiratory Diseases at the Republican Scientific and Practical Center for Pulmonology and Phthisiatry, Chief Consultant Pulmonologist of the Republic of Belarus (video recording)

 14.20-14.30

### **Prospects and key directions for the development of the research institute of respiratory medicine**

Natalya Latypova, Professor of the Department of Internal Diseases with Courses in Endocrinology, Gastroenterology, Rheumatology, and Pulmonology, Astana Medical University, Chief Consultant Pulmonologist of the Ministry of Health of the Republic of Kazakhstan

 14.30-14.40

### **Cardiogenic risks in patients with COPD**

Bayan Aynabekova, Head of the Department of Internal Diseases with Courses in Endocrinology, Gastroenterology, Rheumatology, and Pulmonology, Astana Medical University

 14.40-14.50

### **Development of respiratory medicine in the Republic of Belarus**

Elena Krotkova, Director of the Republican Scientific and Practical Center for Pulmonology and Phthisiatry, Republic of Belarus

 14.50-15.00

### **Interstitial lung diseases: an advancement in medicine in Kazakhstan**

Roza Bakenova, Head of the Respiratory Medicine Center, Hospital of Medical Center of the Administration of the President of the Republic of Kazakhstan

 15.00-15.10


### **Respiratory support for patients with chronic respiratory failure: present and future**

Aleksey Pak, Director of the Department of Internal Diseases, National Scientific Medical Center

 12.55-13.00

### **Questions and answers**

 14.00 – 15.20

 Lecture Hall No. 1,  
Main Building of  
Astana Medical  
University, 49A  
Beybitshilik Street,  
1st Floor

### **Panel Session: «New horizons in learning technologies and innovations in medical education» (Part 1)**

Link for online participation

<https://amu2.webex.com/amu2-ru/j.php?MTID=-ma56c813238fa81c985d6096e828fb712>

#### **Moderators: :**

Almagul Kaushyeva, Director of the Department of Science and Human Resources at the Ministry of Health of the Republic of Kazakhstan

 14.00-14.10

### **Current Issues in the medical personnel training Almagul Kaushyeva,**

Director of the Department of Science and Human Resources at the Ministry of Health of the Republic of Kazakhstan

 14.10-14.20

### **Current trends in the development of higher education in the Republic of Kazakhstan**

Gulzat Kobenova, Chair of the Higher and Postgraduate Education Committee, Ministry of Science and Higher Education of the Republic of Kazakhstan

 14.20-14.30

### **Digital transformation of a medical university in light of artificial intelligence development**

Pavel Vorobyev, Professor of the Department of Digitalization and Healthcare Organization, Tver State Medical University, Chairman of the Board of the Moscow City Scientific Society of Therapists, Russian Federation

 14.30-14.40

### **Experience of transforming the medical education system in Turkey (Online)**

Serdar Fazıl Gurel, Department of Medical Education, Faculty of Medicine, Başkent University, Turkey



 14.40-14.50

### **Modern technologies in training health-care managers**

Kural Kurakbayev, Head of the Department of Health Economics and Insurance Medicine, Kazakhstan University of "High School of Public Health"

 14.50-15.00

### **Digitalization and automation in educational management: the experience of KazNMU**

Zhanna Kalmatayeva, Vice-Rector for Academic Affairs, Kazakh National Medical University named after S.D. Asfendiyarov

 15.00-15.10

### **Current trends in the application of artificial intelligence in medical education**

Viktor Riklefs, Vice-Rector for Strategic Development and International Cooperation, Karaganda Medical University

 15.10-15.20

### **Inclusive education: necessity and opportunities**

Miras Kanatuly, Head of the Department of Quality Control in medical education, Semey Medical University

 14.00 – 15.20

 Lecture Hall No. 1,  
Main Building of  
Astana Medical  
University, 49A  
Beybitshilik Street,  
1st Floor

### **Panel Session: «Innovations in Therapy Changing Clinical Practice» (Part 1)**

Link for online participation

<https://amu3.webex.com/amu3-ru/j.php?M-TID=mcc898915456a739ecd57ee5064e8afe0>

#### **Moderators :**

Pavel Vorobyev, Professor of the Department of Digitalization and Healthcare Organization, Tver State Medical University, Chairman of the Board of the Moscow City Scientific Society of Therapists, Russian Federation



Bayan Ainabekova, Head of the Department of Internal Diseases with Courses in Endocrinology, Gastroenterology, Rheumatology, and Pulmonology, Astana Medical University

 14.00-14.15

### **Current management of patients with uterine fibroids**

Terzic Milan, Professor of Obstetrics and Gynecology, School of Medicine, Nazarbayev University

 14.15-14.30

### **Innovations in psoriasis therapy changing clinical practice**

Gulnar Batpenova, Head of the Department of Dermatovenerology and Dermatocosmetology, Astana Medical University, President of the Kazakhstan Association of Dermatovenereologists and Dermatocosmetologists

Supported by LLP "Johnson & Johnson Kazakhstan"

 14.30-14.40

### **Genomic mechanisms of pharmacogenetics in kazakhs**

Gulnara Svyatova, Head of the Republican Medical Genetic Consultation, National Center for Obstetrics, Gynecology, and Perinatology, President of the Association of Medical Geneticists of Kazakhstan

 14.40-14.50

### **Histological and biophysical indicators of blood vessel walls after the placement of cobalt-chromium stents**

Murodjon Botirov, Vice-Rector for Educational Work and International Affairs, Central Asian Medical University, Uzbekistan

 14.50-15.00

### **Chemical modification of peptide drugs as a means to enhance their pharmacological activity**

Angelina Smakhtina, PhD Student of the Department of Pharmacology, Kursk State Medical University, Russian Federation

 15.00.-15.10

### **Aging population and longevity in Kazakhstan: Challenges and Opportunities**

Ayash Baysultanova, Professor, Head of the Department of Therapy with a Course in Gerontology, Kazakhstan University of Health Sciences

 15.10-15.20

### **The impact of the COVID-19 pandemic on emergency medical services in Kazakhstan and lessons learned for the future**

Asylzhan Messova, Semey Medical University

 14.00 – 15.20

 **Lecture Hall No. 1,  
Main Building of  
Astana Medical  
University, 49A  
Beybitshilik Street,  
1st Floor**

### **Arrhythmology symposium**

Link for online participation

<https://amu4.webex.com/amu4-ru/j.php?MTID=m-fa26795e2922fcd025f18c709030c15d>

#### **Moderators:**

Sergey Popov, Director of the Research Institute of Cardiology, Vice-President of the All-Russian Scientific Society of Arrhythmologists, Academician of the Russian Academy of Sciences, Tomsk, Russia

Ayan Abdrakhmanov, Head of the Arrhythmology Center, Head of the Department of Cardiology, Astana Medical University, Chief Arrhythmologist of the Hospital of the Medical Center of the Administration of the President of the Republic of Kazakhstan, President of the Kazakhstan Society of Arrhythmologists, Chief consultant Arrhythmologist of the Ministry of Health of the Republic of Kazakhstan



 14.00-14.06

### Welcome speech

Telman Seysembekov, Professor of the Department of Cardiology, Astana Medical University, Honored Figure of the Republic of Kazakhstan, Academician of the National Academy of Sciences of the Republic of Kazakhstan

 14.06-14.21

### Prospects and key directions for the development of the research institute of heart rhythm

Ayan Abdrakhmanov, Head of the Arrhythmology Center, Head of the Department of Cardiology, Astana Medical University, Chief Arrhythmologist of the Hospital of the Medical Center of the Administration of the President of the Republic of Kazakhstan, President of the Kazakhstan Society of Arrhythmologists, Chief consultant Arrhythmologist of the Ministry of Health of the Republic of Kazakhstan

 14.22-14.52

### The formation and development of interventional arrhythmology in Siberia

Sergey Popov, Director of the Research Institute of Cardiology, Vice-President of the All-Russian Scientific Society of Arrhythmologists, Academician of the Russian Academy of Sciences, Tomsk, Russia

 14.53-15.10

### Approaches to genetic testing in cardiovascular diseases

Ainur Akilzhanova, Head of the Laboratory of Genomic and Personalized Medicine, Director of the Life Sciences Center, Nazarbayev University

 15.10-15.20

### Rhythm disturbances in cardiac amyloidosis

Aliya Zholdasbekova, Chief Cardiologist of the Hospital of the Medical Center of the Administration of the President of the Republic of Kazakhstan



⌚ 15.20 – 15.40

Coffee break

⌚ 15.40 – 17.00

📍 Assembly Hall of the Main Building of AMU, 49A Bey-bitshilik Street, 1st Floor

### Panel Session: «New Horizons in the Development of Science and Innovations in Healthcare»

Link for online participation

<https://us06web.zoom.us/j/86226936845?pwd=FI-wl1aHoOYcyySUlgBIMylrhSztNrE.1>

#### Moderators:

Nurlan Aukenov, Head of the Office of Medical Science and New Technologies, Department of Science and Human Resources, Ministry of Health of the Republic of Kazakhstan

⌚ 15.40-15.55

### About the motivation of publication activity in higher education institutions

Marlen Yessirkepov, First Vice-Rector, South Kazakhstan Medical Academy

⌚ 15.55-16.10

### Perspectives and current issues of scientific research in modern medicine

Nurdaulet Zhumabayev, Chief Academic Staff Member of the Life and Health Sciences Center, National Academy of Sciences of the Republic of Kazakhstan under the President of the Republic of Kazakhstan

⌚ 16.10-16.20

### Opportunities of the TDR program of the World Health Organization for supporting health research (online)

Garry Aslanyan, Cooperation Manager of the TDR Program, World Health Organization

 16.20-16.30

### **Utilization of data from medical information systems in the scientific and innovative work of the university**

Andrei Grzhibovsky, Head of the Department of Scientific and Innovative Work, Northern State Medical University, Arkhangelsk, Professor of the Department of Biology, Ecology, and Biotechnology, Northern (Arctic) Federal University, Arkhangelsk, Russian Federation

 16.30-16.45

### **Innovative ecosystem of the university: cases of successful projects**

Alfiya Zakimova, Dean of the Business School, East Kazakhstan Technical University named after Daulet Serikbaev

 16.45-17.00

### **Opening of a National Training Center with a Reference Laboratory for Radiation Safety in Medicine. Development Strategy of the Medical University Based on the Research University Model.**

Vitaliy Koykov, Vice-Rector, Astana Medical University

 15.40 – 15.20

  
Lecture Hall No. 1,  
Main Building of  
Astana Medical  
University, 49A  
Beybitshilik Street,  
1st Floor

### **Panel Session: «New horizons in the development of infrastructure and technologies for the practical training of healthcare professionals»**

Link for online participation

<https://amu1.webex.com/amu1-ru/j.php?M-TID=m9d893c588b6d72338e3dc7852c7cc26a>

### **Moderators:**

Meruert Gazaliyeva, Vice-Rector, Astana Medical University



 15.40-15.50

### **Modern implementation of clinical training for specialists and possible prospects**

Roza Nurgaliyeva, Dean of Postgraduate Education, West Kazakhstan Marat Ospanov Medical University

 15.50-16.00

### **Corporate training in medicine: trends and prospects**

Dmitriy Shkayev, Rector of the EMIRMED Corporate University, PhD, Full Member of the European Association of Higher Education Teachers

Aliya Myssakulova, Chief Operating Officer of EMIRMED, MBA

 16.00-16.10

### **Innovative tools for acquiring medical knowledge for physicians: books vs. digital platforms vs. artificial intelligence**

Bulat Nigmatulin, President of the 'GEOTAR-Media' Publishing Group.

 16.10-16.20

### **Standards of medical services in schools and competencies of school health workers**

Akbota Abildina, WHO Expert on Child and Adolescent Health

 16.20-16.30

### **Experience in training specialists of the multidisciplinary rehabilitation group at Astana Medical University**

Natalya Slivkina, Head of the Department of Rehabilitation and Sports Medicine, Astana Medical University.

 16.30-16.40

### **Simulation-Based Learning: the foundation of modern medical education**

Saltanat Urazova, Head of the Department of Family Medicine No. 3, Astana Medical University.

 16.40-16.50

### **Modern educational technologies in teaching clinical disciplines**

Bibigul Abueyova, Doctor of Medical Sciences, Professor at the Department of Family Medicine No. 3, Astana Medical University.


 16.50-17.00

### **Innovative technologies in resident training**

Bayan Aynabekova, Head of the Department of Internal Diseases with Courses in Endocrinology, Gastroenterology, Rheumatology, and Pulmonology, Astana Medical University

Svetlana Trofimova, Associate Professor at the Department of Internal Diseases with Courses in Endocrinology, Gastroenterology, Rheumatology, and Pulmonology, Astana Medical University.

 15.40 – 17.00

 Lecture Hall No. 2,  
Main Building of  
AMU, 49A Beybit-  
shilik Street,  
1st Floor

### **Panel Session: «New Horizons in the Development of Educational Technologies and Innovations in Medical Education» (Part 2)**

Link for online participation

<https://amu2.webex.com/amu2-ru/j.php?MTID=-ma56c813238fa81c985d6096e828fb712>

#### **Moderators:**

Almagul Kaushyeva, Director of the Department of Science and Human Resources at the Ministry of Health of the Republic of Kazakhstan  
Aigul Zhunussova, Vice-Rector, Astana Medical University

 15.40-15.50

**Mind maps as a universal tool for developing critical thinking in future doctors – 10 years of experience: advantages and opportunities**

Saltanat Kyrykbaeva, Head of the Strategy, Rating, and Quality Center, Khoja Akhmet Yassawi International Kazakh-Turkish University

 15.50-16.00

**Electronic information and educational environment as a priority direction for the professional and personal development of healthcare workers**

Stanislav Khlyamov, Researcher at the Laboratory of Experimental Cardio Pharmacology, Research Institute of Experimental Medicine, Ministry of Health of the Russian Federation

 16.00-16.10

**Experience and Prospects of Cooperation between Astana Medical University and the N.I. Pirogov Russian National Research Medical University (Online)"**

Nadezhda Bylova, Vice-Rector for International Activities, N.I. Pirogov Russian National Research Medical University, Russian Federation

 16.10-16.20

**Virtual Patient as One of the Effective Methods of Teaching and Organizing the Final State Examination for Students of the International Medical Faculty of Osh State University**



Makhabat Bugubaeva, Head of the Department of Clinical Disciplines No. 2, Osh State University, Head of the Multidisciplinary Virtual University Clinic Dimedus, Kyrgyzstan

 16.20-16.30

### **Analysis of the Prospects for a Simulation Center Based on the Experience of Organizing an International Student Olympiad in Obstetrics, Gynecology, and Neonatology**

Aiganysh Rysbayeva, PhD student and lecturer at the Department of Clinical Disciplines No. 2, Osh State University, Kyrgyzstan

 16.30-16.40

### **Digital technologies and implementation of interdisciplinary services in medical education**

Sofya Shuporina, Head of Products for Higher Medical Education, Center for the Development of Digital Products for Medical Education GEOTAR-Tsifra

 16.40-16.50

### **Experience in Implementing Innovative Educational Technologies at NPJSC "Astana Medical University**

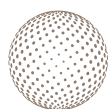
Kureysh Khamchiyev, Head of the Department of Normal Physiology, Astana Medical University

 16.50-17.00

### **Developing soft skills in dental students at the classes of english**

Olesya Razdorskaya, Associate Professor, Department of Foreign Languages, Kursk State Medical University, Kursk, Russian Federation

### **Formation of Key Competencies in Students through the Integration of Education, Science, and Practice**



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Aizat Seidakhmetova, Dean of the Medical Faculty, Head of Department, South Kazakhstan Medical Academy

### **Application of RBL (Research-Based Learning) in the Department of Pediatric Infectious Diseases at the Residency Level**

Aliya Seidullayeva, Department of Pediatric Infectious Diseases, Astana Medical University

### **Integration of a Research-Oriented Method in Medical Education**

Gulnara Kamalbekova, Associate Professor of the Department of Family Medicine No. 2, Astana Medical University



15.40 – 17.00



Lecture Hall No. 3,  
Main Building of A  
MU, 49A Beybitshilik  
Street, 1st Floor

### **Panel Session: «Innovations in Therapy Changing Clinical Practice» (Part 2)**

#### ***Link for online participation***

<https://amu3.webex.com/amu3-ru/j.php?M-TID=mcc898915456a739ecd57ee5064e8afe0>

#### **Moderators:**

Pavel Vorobyev, Professor of the Department of Digitalization and Healthcare Organization, Tver State Medical University, Chairman of the Board of the Moscow City Scientific Society of Therapists, Russian Federation

Bayan Aynabekova, Head of the Department of Internal Diseases with Courses in Endocrinology, Gastroenterology, Rheumatology, and Pulmonology, Astana Medical University



15.40-15.50

### **Bevacizumab-induced arterial hypertension: an experimental approach to correcting cardiotoxicity**

Stanislav Khlyamov, Researcher at the Laboratory of Experimental Cardio Pharmacology, Research Institute of Experimental Medicine, Ministry of Health of the Russian Federation

 15.50-16.00

### **Patient in Chronic Critical Condition – Treatment and Early Neurorehabilitation**

Artem Kuzovlyev, Deputy Director — Head of the V.A. Negovsky Research Institute of General Resuscitation, Russian Federation.

 16.00-16.10

### **Morphological and morphometric characteristics of the bronchial wall in experimental bronchiectasis disease**

Mavlyuda Zhovlieva, Samarkand State Medical University, Uzbekistan.

 16.10-16.20

### **Dermatoscopy in the Republic of Kazakhstan**

Tatiana Kotlyarova Professor, Department of Dermatovenereology and Dermatocosmetology, Medical University of Astana

 16.20-16.30

### **Metabolically Associated Fatty Liver Disease in the Light of Current Recommendations**

Venera Rakhmetova Professor, Department of Internal Diseases, Medical University of Astana

 16.30-16.40

### **Modern approaches to the treatment of systemic lupus erythematosus: Updated EULAR Recommendations**

Saule Abisheva Head of the Department of Family Medicine No. 1, Medical University of Astana

 16.40-16.50

### **Structure and characteristics of patients after kidney transplantation: analysis and trends**

Duman Turebekov Professor, Department of Internal Diseases with a Course in Nephrology, Hematology, Allergology, and Immunology, Medical University of Astana



 16.50-16.55

### **Cystic fibrosis in adults in Kazakhstan: clinical and functional characteristics**

Irina Mukatova Professor, Department of Internal Diseases, Medical University of Astana; Chairperson of the Association of Respiratory Medicine Specialists

 16.55 -17.00

### **COVID-19 and patients with rheumatological profiles: analysis of infection course features during the pandemic in Astana**

Kristina Rutskaya-Moroshan Assistant Professor, Department of Family Medicine No. 1, Medical University of Astana

### **Assessment of Heart Function During Cardiac Surgery**

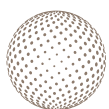
Bekzat Baiterek, PhD student, Department of Anesthesiology and Intensive Care No. 2, Astana Medical University

### **Infectious Complications After Liver Transplantation**

Gulbanu Ospanova, Assistant of the Department of Anesthesiology and Intensive Care No. 2, Astana Medical University

 18:30-20:00

### **Award ceremony of the "Universitet uzdigi" prize and Gala concert dedicated to the 60th anniversary of the Medical University of Astana**



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# PROGRAM

## 15 October

### Youth Forum



8.00 – 9.00



Assembly Hall of  
the Main Building  
of AMU, 49A Bey-  
bitshilik Street,  
1st Floor

#### Participant Registration



9.00 – 9.15



Assembly Hall of  
the Main Building  
of AMU, 49A Bey-  
bitshilik Street,  
1st Floor

#### Welcome speeches

Kamalzan Nadyrov, Chairman of the Board - Rector, Medical University of Astana, Kazakhstan

Kambarov Kairat, Chairman of the Committee on Youth and Family Affairs, Ministry of Culture and Information of the Republic of Kazakhstan

Samat Ibraev, Head of the Youth Policy Department of Astana

Iskanderova Akerke, Chairman of the Youth Wing "Zhasstar Rukhy" under the "AMANAT" Party

Asiya Ermukhambetova, Chairperson of the Public Association "Alliance of Young Scientists"

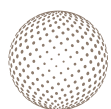


9.15 – 9.30

#### Awarding the Winners of the Republican Research Work Competition

Awarding of student grants

Awarding the Winners of the Interdisciplinary Spartakiad on Emergency Medical care



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9.30 – 10.45



Assembly Hall of  
the Main Building  
of AMU, 49A Bey-  
bitshilik Street,  
1st Floor

## MEDx.Astana

Link for online participation

<https://us06web.zoom.us/j/89351873532?pwd=C3bzLoFKzzkhZFbTaSmajAqxpXQbe.1>

## Speakers

### Professional and Career Opportunities for Youth

Adil Kussmanov, Deputy Chairman of the Board of JSC "Institute of Economic Research," member of the Presidential Youth Personnel Reserve 3.0, member of the Council on Youth Policy under the President of the Republic of Kazakhstan, member of the Experts Club under the Senate of the Parliament of the Republic of Kazakhstan, and member of the Republican Public Council on Education and Healthcare under the "Amanat" party

### Student Movements: Unity, Cooperation, and New Paths to Development

Ulan Nauken, Chairman of the Republican Student Movement "Alliance of Students of Kazakhstan," Republican Student Ombudsman

### Understanding Mental Health

Nikolai Negay, WHO Expert on Mental Health and Rehabilitation

### Evolution of technologies: the path of MBionics.

Maulen Bekturganov, Founder of MBionics

### Neurosurgery and science

Myzhylky Berdikhodjaev, Deputy Director of Surgery, Hospital of the Medical Center of the Administration of the President of the Republic of Kazakhstan



## Application of 3D printing in medicine and current developments at SpaceLab

Arman Bekembaev, Head of LLP "SpaceLab," Head of the Ghalam Engineering Bureau

## Development of alternative outpatient care in the Republic of Kazakhstan

Duman Kunopyanov, Traumatologist-Orthopedist

## Modern approaches to the treatment of spinal deformities in children

Nurbek Nadirov, Chief Consultant Pediatric Traumatologist-Orthopedist of the Ministry of Health of the Republic of Kazakhstan, Member of the Presidium of the Council of Young Scientists of the National Academy of Sciences of the Republic of Kazakhstan under the President of the Republic of Kazakhstan, Head of the Section for "Life Sciences and Health"



10.45 – 11.15

### Coffee break



11.15 – 13.00



Assembly Hall of the Main Building of AMU, 49A Bey-bitshilik Street, 1st Floor

## Startup Project Competition for Young Researchers: DEMODAY

Link for online participation

<https://us06web.zoom.us/j/89351873532?pwd=C3bzLoFKzzkhZFbTaSmajAqxpXQbe.1>

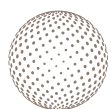
### Moderators:

Aydyn Sabitov, Head of the Alliance of Technology Commercialization Professionals

Ablaikhan Muqatay, Technology Commercialization Office, Center for Research Development, "Astana Medical University"

## 3D Temporal Laboratory

Tanatkan Zhanabai, Astana Medical University



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## **Umit**

Aimer Koshmambetov, Taraz Umit

## **Doclink Remote Consultation**

Aysulu Askarbek, Tumar Erkadir, West Kazakhstan Medical University named after Marat Ospanov

## **Marmelabo**

Amina Ospanova, Ayim Bashirkhanova, Astana Medical University

## **Innovative Dental Splint**

Aruzhan Iskakova, Vladimir Dyus, Astana Medical University

## **AI analyzer**

Zhayna Saparbaeva, West Kazakhstan Medical University named after Marat Ospanov

## **Application of AI & RFID Sensors for Quality Control in Production and Risk Assessment**

Abdulahiz Satur, Kazakh National Medical University named after S.D. Asfendiyarov

## **Aqyldy anatom**

Sapargali Rakhmanov, West Kazakhstan Medical University named after Marat Ospanov

## **Gtrack**

Nazym Alieva, Astana Medical University

## **Shipa**

Gulzana Kulmagambetova, Astana Medical University  
Гульзана Аскаровна, Медицинский Университет Астана

## **MigreNON**

Aibek Amanzhan, West Kazakhstan Medical University named after Marat Ospanov



### Fusion Edu Hub

Shaikhov Madiyar Qabyshuly, Astana Medical University

### Family Clinical

Amirlan Qanat, Nurduman Otemis, West Kazakhstan Medical University named after Marat Ospanov

 13.00 – 14.00

### Lunch

 14.00 – 16.00



Assembly Hall of  
the Main Building  
of AMU, 49A Bey-  
bitshilik Street,  
1st Floor

### Startup Project Competition for Young Researchers: DEMODAY

Link for online participation

<https://us06web.zoom.us/j/89351873532?pwd=C3bzLoFKzzkhZFbTaSmajAqxpXQbe.1>

### Moderators:

Aydyn Sabitov, Head of the Alliance of Technology Commercialization Professionals

Ablaikhan Muqatay, Technology Commercialization Office, Center for Research Development, "Astana Medical University"

### Implementation of Digital Prototyping and Reproduction of Parts for Equipment in Pharmaceutical Production

Sergey Shvets, Kazakh National Medical University named after S.D. Asfendiyarov

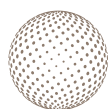
### MedEdu

Dilnaz Kablashimova, Astana Medical University

### Genoguide

Amina Ersaiyn, Nazereke Uzakbaeva, West Kazakhstan Medical University named after Marat Ospanov





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## AIMS

Aruzhan Qyzmetova, Astana Medical University

## Sugar Mafia

Aydana Tangulova, West Kazakhstan Medical University named after Marat Ospanov

## Health.AI

Imangali Tastambekov, Astana Medical University

## Luungs

Bauyrzhan Erkeshev, Astana Medical University

## Eco Beauty Cosmetic Scrub from Coffee Grounds

Akniet Orman, West Kazakhstan Medical University named after Marat Ospanov

## “Histology” Workbook

Madina Abildaeva, West Kazakhstan Medical University named after Marat Ospanov

## Panel session



9.00 – 10.45



Lecture Hall No. 2,  
Main Building of  
AMU, 49A Beybit-  
shilik Street,  
1st Floor

## Panel Session: «Innovations in urology transforming clinical practice»

Link for online participation

<https://amu1.webex.com/amu1-ru/j.php?M-TID=m110e2b80d6b5397f4d237406bd5a7658>

## Moderators:

Ulanbek Zhanbyrbekuly, Head of the Department of Urology and Andrology, Astana Medical University

Gafur Khairli, Professor of the Department of Urology and Andrology, Astana Medical University

 9.00-9.10

### **Hypogonadism in Men. Hormone Therapy - Pros and Cons**

Aiya Safy, Gynecologist-Endocrinologist of the Highest Category, Head of the Integrative Medicine Clinic "Safi Clinic."

 9.10-9.20

### **Evolution of transurethral surgery methods for prostate adenoma\***

Ulanbek Zhanbyrbekuly, Head of the Department of Urology and Andrology, Astana Medical University

 9.20-9.30

### **Phalloplasty for erectile dysfunction**

Nurzhigit Aralbayev, 3rd-year resident of the Department of Urology and Andrology, Astana Medical University

 9.30-9.40

### **Simulators for endourology**

Orkhan Ismailov, 3rd-year resident of the Department of Urology and Andrology, Astana Medical University

 9.40-9.50

### **Interstitial cystitis: modern approaches to diagnosis and treatment**

Olesya Kartanovich, 3rd-year resident of the Department of Urology and Andrology, Astana Medical University

 9.50-10.00

### **Bladder leukoplakia: myth or reality?**

Serik Abdyrakhmanov, 2nd-year resident of the Department of Urology and Andrology, Astana Medical University

 10.00-10.10

### **Prospects for the development of urology in Kazakhstan**

Adrian Leontyev, 3rd-year resident of the Department of Urology and Andrology, Astana Medical University



 10.10-10.20

### **Application of cellular technologies and prp in reconstructive urology**

Timur Makubaev, 3rd-year resident of the Department of Urology and Andrology, Astana Medical University

 10.20-10.30

### **Effectiveness of retrograde intrarenal surgery in the treatment of urolithiasis**

Nural Ondakanov, 3rd-year resident of the Department of Urology and Andrology, Astana Medical University

 10.30-9.45

### **Congenital curvature of the penis: a case study**

Bakytzhan Seitbattal, 2nd-year resident of the Department of Urology and Andrology, Astana Medical University

 9.00 – 10.45



Lecture Hall No. 1,  
Main Building of  
AMU, 49A Beybit-  
shilik Street,  
1st Floor

### **Panel session: «Innovations in obstetrics and gynecology changing clinical practice»**

Link for online participation

<https://amu2.webex.com/amu2-ru/j.php?MTID=m15-fa852627cb47a7249f25c45aa45e96>

#### **Moderator:**

Serik Iskakov, Head of the Department of Obstetrics and Gynecology No. 2, Astana Medical University

 9.00-9.10

### **Hereditary diseases and genetic screening in prenatal diagnosis - present and future**

Evgeny Falchuk, Regional Sales Manager for Russia and the CIS, BGI Genomics

 9.10-9.20

### **Modern Research Methods in Gynecology - Virtugin**

Zhainagul Abdirasulova, Deputy Dean for International Relations,  
International Medical Faculty, Osh State University, Kyrgyzstan

 9.20-9.30

### **Modern vectors of cesarean section innova- tions**

Serik Iskakov, Head of the Department of Obstetrics and Gynecology  
No. 2, Astana Medical University.

 9.30-9.40

### **Preserving the essential, protecting the future: the role of the obstetrician-gynecolo- gist in addressing demographic challenges**

Zaytuna Khamidullina, Head of the Department of Obstetrics and  
Gynecology No. 1, Astana Medical University.

 9.40-9.50

### **Ways to obstetric hemorrhage issues in modern obstetrics**

Bakhyt Malgazhdarova, Professor of the Department of Obstetrics and  
Gynecology No. 2, Astana Medical University.

 9.50-10.00

### **Innovative approaches to women's reproduc- tive health**

Aigul Myrzabekova, Associate Professor of the Department of  
Obstetrics and Gynecology No. 1, Astana Medical University.

 10.00-10.10

### **ART in the 21st century: what can we im- prove? And how can we do it?**

Zhanerke Azhetova, Associate Professor of the Department of  
Obstetrics and Gynecology No. 1, Astana Medical University.

 10.10-10.20

### **Effective ways to enhance reproductive po- tential in uterine fibroids**

Galym Shegenov, Associate Professor of the Department of Obstet-  
rics and Gynecology No. 2, Astana Medical University.



 10.20-10.30

### **Cervical cancer prevention: HPV vaccination**

Aizada Marat, Assistant of the Department of Obstetrics and Gynecology No. 1, Astana Medical University

 10.30-10.37

### **Current methodology for finding ways to reduce cesarean sections**

Zhansulu Akylzhanova, Associate Professor of the Department of Obstetrics and Gynecology No. 2, Astana Medical University.

 10.37-10.45

### **Professional liability insurance for medical workers in the Republic of Kazakhstan**

Khalida Sharipova, Associate Professor of the Department of Obstetrics and Gynecology No. 1, Astana Medical University.

### **Innovations in the diagnosis and treatment of arrhythmias in pregnant women**

Aliya Smagulova, Head of the Department of Internal Diseases with a Course in Geriatrics, Astana Medical University.


### **Modern approaches to managing pregnant women with gestational diabetes**

Alisher Idrisov, Associate Professor of the Department of Family Medicine No. 2, Astana Medical University.

 10.45 – 11.15

### **Coffee break**

 11.15 – 13.00

 Lecture Hall No. 2,  
Main Building of  
AMU, 49A Beybitshilik Street,  
1st Floor

### **Panel Session: «Innovations in pediatrics and pediatric surgery changing clinical practice»**

Link for online participation

<https://amu1.webex.com/amu1-ru/j.php?MTID=m110e2b80d6b5397f4d237406bd5a7658>

### **Moderator:**

Marina Morenko, Head of the Department of Childhood Diseases with Courses in Allergology, Immunology, Hematology, and Endocrinology, Astana Medical University.

 11.15-11.25

### **Clinical practice and experience of BGI projects in neonatal screening**

Yevgenya Yudina, Product Manager for Russia and the CIS, BGI Genomics

 11.25-11.35

### **Infection prevention and infection control: standard precautions**

Ekaterina Soyak, WHO Expert on Infection Prevention and Infection Control

 11.35-11.45

### **Allergy under control: innovative solutions in managing pediatric food allergy**

Marina Morenko, Head of the Department of Childhood Diseases with Courses in Allergology, Immunology, Hematology, and Endocrinology, Astana Medical University.

 11.45-11.55

### **Results of kidney transplantation in children**

Ardak Aynakulov, Head of the Urology and Kidney Transplantation Department, University Medical Center, National Scientific Center for Maternal and Child Health.

 11.55-12.05

### **Single-stage surgical correction for the exstrophy-epispadias complex in children**

Askar Taszhyurekov, Urologist-Andrologist at the Urology and Kidney Transplantation Department, University Medical Center, National Scientific Center for Maternal and Child Health.

 12.05-12.15

### **Laser treatment of vascular pathology in children**

Anna Gorobtsova, Assistant of the Department of Pediatric Surgery, Astana Medical University.

 12.15-12.25

### **Innovations in the therapy of hip joint dysplasia in children that are changing clinical practice**

Zhomart Suleimenov, Assistant of the Department of Pediatric Surgery, Astana Medical University.

 12.25-12.35

### **A new approach to the surgical treatment of total colonic aganglionosis**

Ziyada Tanat, Assistant of the Department of Pediatric Surgery, Astana Medical University.

 12.35-12.45

### **Methods for lengthening limbs in children with achondroplasia: effective and rational solutions**

Vitaliy Trofimchuk, Assistant of the Department of Pediatric Surgery, Astana Medical University.

 12.45-12.55

### **Innovative methods for treating intraventricular hemorrhage in infants**

Assem Shakeeva, Assistant of the Department of Pediatric Surgery, Astana Medical University.

 12.55-13.05

### **Providing anesthesiology and intensive care for children with extremely low birth weight and newborns**

Zhenis Seitkaliev, Assistant at the Department of Anesthesiology and Intensive Care No. 2


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## **New opportunities for a comprehensive approach: diagnosis, care, treatment, and prevention of children with special needs from birth**

Balzhan Tatibekova, PhD Candidate, Astana Medical University, Director of "Katamnesis Center" LLP.

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 **11.15 – 13.00**

 Lecture Hall No. 3,  
Main Building of  
AMU, 49A Beybit-  
shilik Street,  
1st Floor

## **Panel Session: «Innovations in radiology changing clinical practice»**

Link for online participation

<https://amu2.webex.com/amu2-ru/j.php?MTID=m15-fa852627cb47a7249f25c45aa45e96>

### **Moderators:**

Raushan Rakhimzhanova, Director of the Scientific Research Institute of Radiology named after Academician Zh.Kh. Khamzabaev

Rainer K. Rienmuller, M.D., Honorary Professor of Radiology, Medical University of Graz, Austria.

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 **11.15-11.30**

## **Training radiologists at the present stage in Kazakhstan**

Raushan Rakhimzhanova, Honored Figure of the Republic of Kazakhstan, Director of the Scientific Research Institute of Radiology named after Academician Zh.Kh. Khamzabaev, Astana Medical University.

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 **11.30-12.00**

## **A changing world: from digital imaging to AI-supported CT diagnostics**

Rainer K. Rienmuller, M.D., Honorary Professor of Radiology, Medical University of Graz, Austria

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 12.00-12.10

### **The past, present, and future of the Kazakhstan Radiological Society**

Tairkhan Dautov, Senior Researcher at the Scientific Research Institute of Radiology named after Academician Zh.Kh. Khamzabaev, Astana Medical University, Director of the Clinical-Academic Department of Radiology and Nuclear Medicine, University Medical Center, Nazarbayev University.

 12.10-12.20

### **The significance of functional MRI in assessing cognitive impairments in patients with glial brain tumors**

Zhanibek Bayturlin, Senior Researcher at the Scientific Research Institute of Radiology named after Academician Zh.Kh. Khamzabaev, Astana Medical University, Head of the Radiological Diagnostics Department at the National Neurosurgery Center.

 12.20-12.30

### **Artificial intelligence in MRI using intravoxel incoherent motion (IVIM) parameters for differentiating malignant and benign focal liver lesions (FLL) and enhancing diagnostic efficiency**

Zhanar Abdrakhmanova, Deputy Director of the Scientific Research Institute of Radiology named after Academician Zh.Kh. Khamzabaev, Astana Medical University.

 12.30-12.40

### **Comparative analysis of CT instillation dacryocystography and traditional methods in the diagnosis of obstructions of the tear drainage system**

A. Makenkyzy, 3rd-Year Doctoral Student of the Department of Eye Diseases, Astana Medical University.

 12.40-12.50

**Practical application of radiopharmaceuticals at the nuclear medicine center of the RSE "Hospital of the Medical Center of the Administration of the President of the Republic of Kazakhstan" for the diagnosis and therapy of Oncology Diseases**

Saule Abilova, Senior Radiochemist-Technologist of the Radioisotope Diagnostics Department, Nuclear Medicine Center, Hospital of the Medical Center of the Administration of the President of the Republic of Kazakhstan.

 12.50-13.00

**Practical experience in implementing infusion systems in nuclear medicine in Kazakhstan**

Ansar Dyusembayev, Radiochemist-Technologist of the Radioisotope Diagnostics Department, Nuclear Medicine Center, Hospital of the Medical Center of the Administration of the President of the Republic of Kazakhstan.

 13.00-13.10

**Nuclear medicine: opportunities and perspectives**

Akbala Bekzalbek, Physician of Radioisotope Diagnostics at the Nuclear Medicine Center, Hospital of the Medical Center of the Administration of the President of the Republic of Kazakhstan.

 13.10-13.20

**The role of PET/CT imaging in assessing the effectiveness of treatment for lymphoproliferative diseases**

Aisha Aubakirova, Physician of Radioisotope Diagnostics at the Nuclear Medicine Center, Hospital of the Medical Center of the Administration of the President of the Republic of Kazakhstan.



## Round table: «Trends in Digitalization Development in Healthcare»

Link for online participation

<https://amu4.webex.com/amu4-ru/j.php?MTID=ma569e0a0388bb3df60c98f97c43eaf1>



10.00 – 10.15

### Opening of the round table

#### Welcome Speeches:

Kamalzhan Nadyrov, Chairman of the Board - Rector, Astana Medical University, Kazakhstan

Yerbol Ospanov, Vice Minister of Health of the Republic of Kazakhstan



10.15 – 13.00



Abai Hall,  
Abai St. 47, 1st  
Floor

### Plenary Discussion / Round Table

#### Moderators:

Yerbol Ospanov, Vice Minister of Health of the Republic of Kazakhstan

Kamalzhan Nadyrov, Chairman of the Board - Rector, Astana Medical University, Kazakhstan



10.15-10.30

### Digital transformation of healthcare in the WHO European Region (online)

Yerbol Spataev, Project Officer at WHO



10.30-10.45

### Digitalization of the healthcare system (experience of France)

Askar Aspandiyarov, Advisor at C3Medical



10.45-11.00

### Development of telemedicine services in the European Union: the case of Poland during and after the COVID-19 pandemic

Marcin Figiel, Executive Director of Business Development

 11.00-11.15

**Supporting startup projects through the implementation of incubation and acceleration programs: trends in areas applying for Astana Hub programs and other support tools for the startup ecosystem**

Aigerim Alshynbekova, Chief Manager of the Business Programs Office at Astana Hub

 11.15-11.30

**AI in healthcare: trends, opportunities, and development challenges**

Asel Abakova, GR Director, Association for the Development of AI in Kazakhstan

 11.30-11.45

**Features of digitalization development in the Republic of Kazakhstan**

Aziza Shuzheeva, Chairperson of the Board of the Non-Profit Organization TechnoWomen, Founder of the "Digital Transformation" Foundation

 11.45-12.00

**How AI voice assistants help alleviate the burden on call centers and registries of medical organizations**

Vasiliy Myasnikov - BPCContact

 12.00-12.15

**Geoinformation technologies for organizing healthcare in the region**

Denis Strukov, Ph.D. in Technical Sciences, CEO of "Geointellect" (online)

 12.15-12.30

**Mobile smart technologies for the district health service**

Darkhan Kyrykbayev - Chairman of the Board of LLP "Damumed"



⌚ 12.30-12.45

### National experience in launching the telemedicine startup project "Take Care Aggregator"

Gulsanat Mambetalieva, Team Lead, Take Care

⌚ 12.45-13.00

### Questions and answers

## Forum «Astana MedFarm Tech»

⌚ 13.00 – 14.00

### Participant Registration at the Hall, Abay Street 47

⌚ 14.00 – 14.20

### Welcome speeches:

Kamalzhan Nadyrov, Chairman of the Board - Rector, Astana Medical University, Kazakhstan

Erzhan Nurlybaev, Vice Minister of Health of the Republic of Kazakhstan

⌚ 14.20 – 16.20

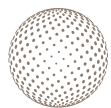


Abay Hall,  
Abay Street 47,  
1 st floor

### Plenary Discussion / Round Table

### Main Topics of the Forum:

- Current trends and future perspectives for the development of the medical and pharmaceutical industries
- Effective strategies and necessary incentives for localizing the production of medicines and medical devices, as well as developing domestic production in the pharmaceutical and medical sectors
- Innovative technologies in the production of medicines and medical devices, etc.
- Patient access to innovations
- Approaches to the optimal use of budgetary funds



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### **Key speakers:**

Erzhan Nurlybaev, Vice Minister of Health of the Republic of Kazakhstan

Aslan Kinaev, Director of the Department for the Development of the Pharmaceutical and Medical Industry, Ministry of Health of the Republic of Kazakhstan

Gulnar Kulkaeva, Chairwoman of the Board, National Scientific Center for Healthcare Development named after Salidat Kairbekova

Yerken Zhakatai, Director of LLP "SK-Pharmacy"

Dauren Dikhanbaev, Director of the Republican State Enterprise on the Right of Economic Management "National Center for the Expertise of Medicines and Medical Devices"

Abylkair Skakov, Chairman of the Board of NAO "Social Health Insurance Fund"

Vyacheslav Lokshin, President of the Association of International Pharmaceutical Manufacturers in the Republic of Kazakhstan

A Iskaliev, Executive Director of the Union of Domestic Producers of Medical Devices and Medical Products "Medindustry of Kazakhstan"

### **Forum participants:**

- Representatives of the Ministry of Health and other government agencies
- International experts and scholars
- Manufacturers of medicines and medical devices
- Associations and unions of legal entities in the field of production of medicines and medical devices

 14.20-14.30

Gulnar Kulkaeva, Chairwoman of the Board, National Scientific Center for Healthcare Development named after Salidat Kairbekov

 14:30-14:45

### **Study on Patient Access to New Anticancer Drugs: The Realities in Kazakhstan**

R.M. Blatov, Head of Commercial Effectiveness and Market Access, LLP "Johnson & Johnson Kazakhstan"

Supported by LLP "Johnson & Johnson Kazakhstan"

 14:45-15:00

### **Cost optimization: focus on drug provision**

F. Babashov, Representative of Orphan Drug Manufacturers, Founder and Director of "Pharm & Access"

Supported by LLP "Johnson & Johnson Kazakhstan"

 15.00-15.10

Abylkair Skakov, Chairman of the Board of NAO "Social Health Insurance Fund"

 15.10-15.20

Yerken Zhakatai, Director of LLP "SK-Pharmacy"

 15.20-15.30

### **Issues and prospects of cluster development in the pharmaceutical and medical industries**

Bekaidar Nurmashev, President of the Association of the Pharmaceutical Cluster of Southern Kazakhstan, Head of the Healthcare and Pharmaceutical Cluster Project Office of the Republican Association for the Development of Industry Clusters "BIRGE"

 15.20-15.30

### **Development of the pharmaceutical industry in the Republic of Kazakhstan. Contract manufacturing**

Marina Durmanova, President of the Association for the Support and Development of Pharmaceutical Activities in the Republic of Kazakhstan



 15.30-15.40

A.M. Iskaliev, Executive Director of the Union of Domestic Producers of Medical Devices and Medical Products "Medindustry of Kazakhstan"

 15.40-15.50

Dauren Dikhanbaev, Director of the Republican State Enterprise on the Right of Economic Management "National Center for the Expertise of Medicines and Medical Devices"

 15.50-16.20

**Discussion**

 16:20-16:50

**Round table with regulators**

 16:50-17:30

**Round table with regulators**





## COMMUNICATION PLATFORM "TECHNOLOGY COMMERCIALIZATION REACTOR"

Link for online participation

<https://amu2.webex.com/amu2-ru/j.php?MTID=m15fa852627cb47a7249f25c45aa45e96>



14.00 – 14.30

**Participant registration**



14.30 – 14.40



Lecture Hall No. 1,  
Main Building of  
AMU, 49A Beybit-  
shilik Street,  
1st Floor

**Welcome speeches:**

Kamil Akatov, Chairman of the Board of JSC "Science Fund"  
Vitaliy Koikov, Vice-Rector, Astana Medical University



14.40 – 15.15

**Pitching**

<https://amu2.webex.com/amu2-ru/j.php?MTID=m15fa852627cb47a7249f25c45aa45e96>

Pitches of innovative projects in the medical and pharmaceutical sectors seeking business partners



15.15 – 15.45

**Feedback from business representatives**



15.45 – 16.30

**Networking | Coffee break**

### Ceremonial Closing of the Conference



17.00 – 18.00



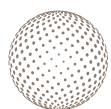
Assembly Hall of  
the Main Building  
of AMU, 49A Beybit-  
shilik Street,  
1st Floor

**Official Part, Closing Remarks:**

Kamalzhan Nadyrov, Chairman of the Board - Rector of the Medical University of Astana

Brief Presentations by the moderators of the panel sessions  
(as per the list)

**ADOPTION OF THE RESOLUTION  
Ceremonial Closure of the Forum**



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# 14 октября

## Satellite Events

### Round Table Discussion: «Issues of Radiation Safety in Medicine»



14.00-14.30

**Opening of the National Training Center  
with a Reference Laboratory for Radiation  
Safety in Medicine**



14.30 – 16.00



НИИ  
радиобиологии и  
радиационной  
защиты,  
ул. Бейбитшилик,  
49А, 7 этаж

### Round Table Discussion: «Issues of Radiation Safety in Medicine»

Link for online participation

<https://zoom.us/j/98482083994?pwd=Mibp6mtgK0izLFUiT-wfuCXIBw6wC0J.1>

#### **Moderator:**

Meirat Bakhtin, Director of the Research Institute of Radiobiology and Radiation Protection, Medical University of Astana.

#### **Participants of the Round Table:**

Vesna Gershan, Radiation Protection Specialist and Technical Project Coordinator, IAEA

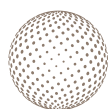
Simona Avramova-Cholakova, IAEA expert, highly qualified radiologist-physicist, Imperial College Healthcare NHS Trust, London, UK

Tairkhan Dautov, Director of the Department of Radiology and Nuclear Medicine, "University Medical Center" CF

Kasym Zhumadilov, Head of the International Department of Nuclear Physics, New Materials, and Nanotechnology, L.N. Gumilyov Eurasian National University

Medeu Abishev, Head of the Department of Theoretical and Nuclear Physics, Al-Farabi Kazakh National University

Olga Stepanova, Head of the Department of Technical Physics and Heat Power Engineering, Shakarim University of Semey



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Tanzhas Shayakhmetov, Head of the Medical Physics Department,  
"YMIT" International Oncology Tomotherapy Center LLP

Umitali Tuychiev, Head of the Radiation Safety Department, Medical  
Center Hospital of the President's Affairs Administration of the  
Republic of Kazakhstan

Meirzhan Temirbaev, Physicist, CT and MRI Department

Murad Dzhakipov, Head of the Radiology Department, National Scien-  
tific Oncological Center

Bayram Kochiev, CT/MRI Doctor, National Scientific Oncological Center

Staff of the Research Institute of Radiobiology and Radiation Protec-  
tion, Astana Medical University

Жумадилов Касым Шаймарданович, заведующий международной  
кафедры ядерной физики, новых материалов и нанотехнологий ЕНУ  
им.Л.Н. Гумилева

Абишев Медеу Ержанович, заведующий кафедрой теоретической и  
ядерной физики, Казахский национальный университет  
им.Аль-Фараби

Степанова Ольга Александровна, заведующая кафедрой  
технической физики и теплотехники, Университет имени  
Шакарима города Семей

Шаяхметов Танжас Серикович, заведующий отделением  
медицинской физики ТОО «Международный онкологический центр  
томотерапии «YMIT»

Туйчиев Умитали Нуралиевич, руководитель отдела радиационной  
безопасности, Больница Медицинского центра Управления делами  
Президента Республики Казахстан

Темирбаев Мейржан Шарахмедович, физик отделения КТ и МРТ

Джакипов Мурат Абдрахманович, заведующий отделением лучевой  
диагностики, Национальный научный онкологический центр

Кочиев Байрам Алимоглы, врач КТ/МРТ, Национальный научный  
онкологический центр

Сотрудники НИИ радиобиологии и радиационной защиты,  
Медицинский университет Астана



**14.30-14.40**

## **Main directions and activities of the national scientific center for radiation safety in medi- cine**

Moldir Aumalikova



**14.40-14.50**

## **The role and status of a medical physicists in Kazakhstan**

Raikhan Bakenova

 14.50-15.00

**Training of medical physicists in Kazakhstan: educational program in the specialty of "Medical Physics" at L.N. Gumilyov Eurasian National University**

Kasym Zhumadilov, Head of the International Department of Nuclear Physics, New Materials, and Nanotechnology at L.N. Gumilyov Eurasian National University.

 15.00-15.10

**Training of medical physicists for nuclear medicine in Kazakhstan: Educational Program in the specialty of "Nuclear Medicine" at Al-Farabi Kazakh National University.**

Medeu Abishev, Head of the Department of Theoretical and Nuclear Physics at Al-Farabi Kazakh National University.

 15.10-15.20

**Optimization of CT: Problems and Solutions**

Bayram Kochiev, CT/MRI doctor, National Scientific Oncological Center LLP.

 15.20-15.30

**WHO Concept on Developing a Network of Poison Control Centers**

Dana Abeldinova, WHO specialist focused on the One Health approach.

 15.30-15.40

**The influence of ionizing radiation on the morphology of biological objects in Experiments**

Dariya Shabdarbaeva, Vice-Rector, Semey Medical University.

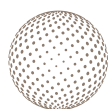
 15.40-15.50

**The impact of ionizing radiation on biological objects in experiments**

Nayla Chaizhunussova, professor, Department of Public Health, Semey Medical University.

 15.50 – 16.00

**Discussion**



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## XIX International Forum "Astana-Gastro 2024" (Day 1)



14.00 – 14.10

Hall of the Academic Council named after Academician



ZH.Kh. Khamzabayev (Auditorium 415)

49A Beybitshilik Street, 1st Floor

### Opening of the Conference

Link for online participation

<https://us06web.zoom.us/j/85916415140?pwd=Ol-WLQY6glw5NLifilQtGTcfOPDTcQt.1>

### Moderator of the Opening Ceremony:

Roza Bektayeva, Professor of the Department of Internal Diseases with a Course in Gastroenterology, Medical University of Astana

### Welcome speeches:

Vitaliy Koykov, Vice-Rector, Medical University of Astana

Marat Uzdenov, Director of the Medical Institute, North Caucasus State Academy, Russian Federation

Alexander Trukhmanov, Honored Doctor of the Russian Federation, Professor of the Department of Propaedeutics of Internal Diseases, Gastroenterology, Hepatology named after V.Kh. Vasilenko, First Moscow State Medical University named after I.M. Sechenov, Russian Federation (online)

Roza Bektayeva, Professor of the Department of Internal Diseases with a Course in Gastroenterology, Medical University of Astana, President of the National Association of Gastroenterologists of Kazakhstan



14.00 – 14.10

Hall of the Academic Council named after Academician



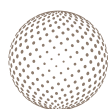
ZH.Kh. Khamzabayev (Auditorium 415)

49A Beybitshilik Street, 1st Floor

### Plenary Session «Evolution - From Gastritis to Stomach Cancer, From GERD to Esophageal Cancer. Opportunities for Prevention and Rehabilitation. What Do We Know About This? »

Link for online participation

<https://us06web.zoom.us/j/85916415140?pwd=Ol-WLQY6glw5NLifilQtGTcfOPDTcQt.1>



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### **Moderators:**

Roza Bektayeva, Professor of Internal Medicine with a course in Gastroenterology, Astana Medical University, President of the National Association of Gastroenterologists of Kazakhstan

Marat Uzdenov, Director of the Medical Institute, North Caucasian State Academy, Russian Federation

Alexander Trukhmanov, Honored Doctor of the Russian Federation, Professor of Propaedeutics of Internal Diseases, Gastroenterology, and Hepatology named after V.H. Vasilenko, First Moscow State Medical University named after I.M. Sechenov, Russian Federation

Sergey Kotelevets, Head of the Department of Propaedeutics of Internal Diseases, North Caucasian State Academy, Russian Federation



14.10-14.20

### **Assessment of oncological risks in patients with gastroesophageal reflux disease and methods of cancer prevention**

Alexander Trukhmanov, Honored Doctor of the Russian Federation, Professor of Propaedeutics of Internal Diseases, Gastroenterology, and Hepatology named after V.H. Vasilenko, First Moscow State Medical University named after I.M. Sechenov, Russian Federation (online)



14.20-14.30

### **Current state of gastroenterological care for digestive organ pathologies in the Republic of Kazakhstan: relevant recommendations for cancer prevention**

Roza Bektayeva, Professor of Internal Medicine with a Course in Gastroenterology, Medical University of Astana, President of the National Association of Gastroenterologists of Kazakhstan

 14.30-14.40

### **Practical recommendations for gastric cancer prevention**

Sergey Kotelevets, Head of the Department of Internal Medicine  
Propaedeutics, North Caucasus State Academy, Russian Federation

 14.40-14.50

### **Medical rehabilitation of patients with early-stage colorectal cancer in the Karachay-Cherkessia Republic**

Marat Uzdenov, Director of the Medical Institute, North Caucasus State Academy, Russian Federation

 14.50-15.00

### **Morphological characteristics of gastric carcinogenesis**

Sergey Chukov, Head of the Department of Pathological Anatomy,  
Stavropol State Medical University, Russian Federation (online)

 15.00-15.10

### **Chronic gastritis and stomach cancer: therapeutic approaches to cancer prevention**

Roza Bektayeva, Professor of the Department of Internal Diseases  
with a Course in Gastroenterology, Medical University of Astana,  
President of the National Association of Gastroenterologists of  
Kazakhstan

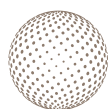
 15.10-15.20

### **Screening for Colorectal Cancer: Modern Approaches**

Yevgenya Yudina, Product Manager for Russia and the CIS, BGI Genomics

 15.20 – 15.40

### **Coffee Break**



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15.40 – 17.00



Hall of the Academic Council named after Academician ZH.Kh. Khamzabayev (Auditorium 415)  
49A Beybitshilik Street, 1st Floor

## **Plenary Session: «Evolution - from gastritis to stomach cancer, from GERD to esophageal cancer. Opportunities for prevention and rehabilitation. What do we know about this?» (Continuation)**

Link for online participation

<https://us06web.zoom.us/j/85916415140?pwd=OI-WLQY6glw5NLifilQtGTcfOPDTcQt.1>

### **Moderators:**

Roza Bektayeva, Professor of Internal Medicine with a course in Gastroenterology, Astana Medical University, President of the National Association of Gastroenterologists of Kazakhstan

Marat Uzdenov, Director of the Medical Institute, North Caucasian State Academy, Russian Federation

Alexander Trukhmanov, Honored Doctor of the Russian Federation, Professor of Propaedeutics of Internal Diseases, Gastroenterology, and Hepatology named after V.H. Vasilenko, First Moscow State Medical University named after I.M. Sechenov, Russian Federation

Sergey Kotelevets, Head of the Department of Propaedeutics of Internal Diseases, North Caucasian State Academy, Russian Federation



15.40-15.50

## **Current principles of helicobacter infection treatment**

Bayan Nurgalieva - Head of the Department of Internal Diseases, Kazakh National Medical University named after S.D. Asfendiyarov.



 15.50-16.00

### **Proper nutrition: the foundation for preventing precancerous diseases of the digestive organs**

Irina Tuktarova, Nutritionist, Nutrition Expert for the Special Olympics, Project Leader of Healthy Pro, Yekaterinburg (online).

 16.00-16.10

### **Food as medicine**

Zhuldyz Kozhakanova - Pediatrician, Founder of "Galamilk," Almaty

 16.10-16.30

### **Current perspectives on the etiopathogenesis, diagnosis, and management tactics of gastric polyps**

Roza Bektayeva - Professor, Department of Internal Medicine with a Course in Gastroenterology, Medical University of Astana, President of the National Association of Gastroenterologists of Kazakhstan

Galiya Shaimerdenova - Head of the Pathomorphological Department, National Scientific Medical Center.

 16.30-16.45

### **GERD: How to break the pathological continuum**

Maria Livzan, Rector, Omsk State Medical University, Omsk, Russian Federation (online)

 16.45-17.00

### **New Trends in the Treatment of Esophageal Diseases**

Marina Osipenko, Head of the Department of Internal Diseases Propaedeutics, Novosibirsk State Medical University, Novosibirsk, Russian Federation

 17.00

### **Conclusion of Day 1**

## Scientific and Practical Conference with International Participation: «Stages of Innovative Development in Pediatric Maxillofacial Surgery in Kazakhstan» (Day 1)

 8.30 – 9.00

**Participant Registration**

 9.00 – 9.30



SCE on the REM  
"Multidisciplinary  
City Children's  
Hospital No. 2",  
64 Koshkarbayev  
Street, Assembly  
Hall, 4th Floor

**The opening ceremony of the conference**

**Moderator::**

Meruert Gazaliyeva, Vice-Rector, Astana Medical University

**Welcome Speeches:**

Meruert Gazaliyeva, Vice-Rector, Astana Medical University

Zhanna Asanova, Senator of the Parliament of the Republic of Kazakhstan

Ainur Argynbekova, Senator of the Parliament of the Republic of Kazakhstan

Bibigul Zheksenbay, Senator of the Parliament of the Republic of Kazakhstan

Lyazzat Kaltayeva, Senator of the Parliament of the Republic of Kazakhstan

Nuriya Niyazova, Senator of the Parliament of the Republic of Kazakhstan

Magripa Embergenova, Director of the Maternal and Child Health Protection Department, Ministry of Health of the Republic of Kazakhstan

Gulnar Kulusheva, Director of the Multi-Profile City Children's Hospital No. 2, Astana

 9.30 – 10.30



SCE on the REM  
"Multidisciplinary  
City Children's  
Hospital No. 2",  
64 Koshkarbayev  
Street, Assembly  
Hall, 4th Floor

**Panel Session: «Current State and Prospects for the Development of Maxillofacial Surgery Services in Kazakhstan»**

**Moderator:**

Saken Kozhakhmetov, Head of the Department of Surgical Diseases named after Professor G.V. Tsoy, Astana Medical University

 9.30-9.40

### **Maxillofacial surgery in Kazakhstan from 1943 to 2023 (poster presentation)**

Zhaksylyk Urazalyn, Professor, Department of Surgical Dentistry, Kazakh National Medical University named after S.D. Asfendiyarov

 9.40-9.50

### **Current state of medical care for children in Kazakhstan with maxillofacial and dental-jaw pathology**

Tuleubai Batyrov, Professor, Department of Surgical Diseases named after Professor Tsoi G.V., Medical University of Astana

 9.50-10.00

### **Osteopathic treatment of intraosseous and sutural dysfunctions in plagiocephaly**

Razaul Manzhugetova, Director of the Branch of the Andrianov V.L. Institute of Osteopathic Medicine, St. Petersburg, Russian Federation; Director of the Osteopathic Medicine Center OsteoLife, Astana.

 10.00-10.10

### **Issues of congenital pathology in the craniofacial region in children in Kazakhstan**

Ермуханова Гулжан Тілеумухановна, профессор кафедры детской стоматологии, Казахский национальный медицинский университет» им. С.Ж. Асфендиярова

10.10-10.20

### **Algorithm for preoperative preparation of patients for orthognathic surgery**

Abdusalam Abdukadyrov, Head of the Department of Surgical Dentistry, Tashkent Institute for Advanced Medical Studies, Tashkent, Uzbekistan


 10.20-10.30

**Questions and Answers**

 11.00 – 11.30

**Coffee break**

 11.30 – 13.00

  
SCE on the REM  
"Multidisciplinary  
City Children's  
Hospital No. 2",  
64 Koshkarbayev  
Street, Assembly  
Hall, 4th Floor

**Panel Session: «Innovative technologies in maxillofacial surgery»**

**Moderator:**

Saken Kozhakhmetov, Head of the Department of Surgical Diseases named after Professor Tsoy G.V., Astana Medical University

 11.30-11.50

**Cheiloplasty according to Millard with modification**

Esim Askerbek, Professor at the Department of Pediatric Dentistry, Kazakh National Medical University named after S.D. Asfendiyarov, Academician of the Academy of Clinical and Fundamental Medicine of Kazakhstan.

 11.50-12.10

**Gentle urostaphyloplasty**

Esim Askerbek, Professor at the Department of Pediatric Dentistry, Kazakh National Medical University named after S.D. Asfendiyarov, Academician of the Academy of Clinical and Fundamental Medicine of Kazakhstan

 12.10-12.30

**New technologies in pediatric maxillofacial surgery (poster presentation)**

New technologies in pediatric maxillofacial surgery (poster presentation) Toleu Zhakhanov, Assistant at the Department of Surgical Diseases named after Professor Tsoy G.V., Medical University of Astana.

 12.30-12.50

**Features of jaw defect reconstruction in children of different age groups (online)**

Orest Topolnitsky, Head of the Department of Pediatric Maxillofacial Surgery, Russian Medical University, Moscow, Russian Federation


 12.50-13.00

**Questions and Answers**

 13.00 – 14.00

**Lunch**

 14.00 – 16.30

  
SCE on the REM  
"Multidisciplinary  
City Children's  
Hospital No. 2",  
64 Koshkarbayev  
Street, Assembly  
Hall, 4th Floor

**Panel Session: «Cases of Complications in Maxillofacial Pathology and Their Treatment Features»**

**Moderator:**

Toleubay Batyrov, Professor, Department of Surgical Diseases named after Professor Tsoi G.V., Medical University of Astana.

 14.00-14.30

**Features of dental care for children with disabilities**

Fazladdin Temurov, Associate Professor, Department of Pediatric Surgery and Dentistry, Faculty of Dentistry, International Kazakh-Turkish University named after Khoja Ahmed Yasawi.

 14.30-15.00

**Post-COVID complications in adolescents with chronic periodontal diseases: principles of modern restorative surgery (Online)**

Alexander Musiienko, Associate Professor, Department of Therapeutic Dentistry, Omsk State Medical University, Omsk, Russian Federation

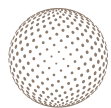
 15.00-15.30

**Complications in the maxillofacial area due to acute infectious diseases in children**

Nurzhan Ilyasov, Assistant, Department of Surgical Diseases named after Professor Tsoi G.V., Medical University of Astana.

 15.30-17.00

**Questions and Answers, Discussion. Conclusion of Day 1**



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## Master Classes



9.00 – 17.00

SCE on the REM  
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64 Koshkarbayev  
Street, Assembly  
Hall, 4th Floor



### **Osteopathic diagnosis and treatment of the temporomandibular joint**

Asem Lakbaeva, Doctor of Osteopathy, Lecturer at the Andrianov V.L. Institute of Osteopathic Medicine, Astana



9.00 – 17.00

SCE on the REM  
"Multidisciplinary  
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Hospital No. 2",  
64 Koshkarbayev  
Street, Assembly  
Hall, 4th Floor



### **Gentle uranostaphyloplasty**

Yesim Askerbek, Professor of the Department of Pediatric Dentistry, Kazakh National Medical University named after S.D. Asfendiyarov, Academician of the Academy of Clinical and Fundamental Medicine of the Republic of Kazakhstan



9.00 – 17.00

SCE on the REM  
"Multidisciplinary  
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Hospital No. 2",  
64 Koshkarbayev  
Street, Assembly  
Hall, 4th Floor



### **Modified Millard cheiloplasty**

Yesim Askerbek, Professor of the Department of Pediatric Dentistry, Kazakh National Medical University named after S.D. Asfendiyarov, Academician of the Academy of Clinical and Fundamental Medicine of the Republic of Kazakhstan



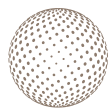
9.00 – 17.00

SCE on the REM  
"Multidisciplinary  
City Children's  
Hospital No. 2",  
64 Koshkarbayev  
Street, Assembly  
Hall, 4th Floor



### **Post-COVID complications in adolescents with chronic periodontal diseases: principles of modern reconstructive surgery (Online)**

Alexander Musiienko, Associate Professor of the Department of Therapeutic Dentistry, Omsk State Medical University, Omsk, Russian Federation



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9.00 – 17.00



SCE on the REM  
"Multidisciplinary  
City Children's  
Hospital No. 2",  
64 Koshkarbayev  
Street, Assembly  
Hall, 4th Floor

### Features of postoperative rehabilitation for patients following orthognathic surgery (On-line)

Abdukadyrov Abdukadirovich, Head of the Department of Surgical Dentistry, Tashkent Institute for Advanced Medical Studies, Tashkent, Uzbekistan



11.00–17.00



\*\*LLP "B.B.NURA"  
Center for Apheresis Therapy and  
Programmed  
Hemodialysis\*\*  
66 Koshkarbayev  
Avenue, 1st Floor

### Implementation of combined procedure of extended veno-venous hemodiafiltration and hemosorption

Yevgeniy Ivanov, Eldos Bakhtybaev, Assistants of the Department of Pediatric Anesthesiology, Intensive Care, and Emergency Medicine, Medical University of Astana



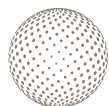
14:00 - 18:00



Main building, 49A  
Beibitshilik str.

### An introduction to regression analysis. Systematic review and meta-analysis: from idea to publication

Andrey Mechislavovich, Head of the Department for Scientific and Innovative Work, Northern State Medical University, Arkhangelsk, Professor of the Department of Biology, Ecology and Biotechnology, Northern (Arctic) Federal University, Arkhangelsk, Russian Federation



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## Interdisciplinary Spartakiad on Emergency Care (Day 1)



8:30 – 9:00

Registration of Participants and Guests of the Olympiad



9:00 – 9:30

Simulation Center,  
49A Beybitshilik  
St.,  
5th Floor

Opening of the Olympiad  
Welcome speech for the teams



9:30 – 13:15

Simulation Center,  
49A Beybitshilik  
St.,  
5th Floor

Simulation: "Patient with polytrauma in emergency medicine department"



13:15 – 13:45

Break

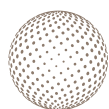


13:45 – 16:30

Simulation Center,  
49A Beibitshilik  
St.,  
5th Floor

Simulation: "Patient with polytrauma in emergency medicine department"





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# 15 October

## Satellite events

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### XIX International Forum "Astana-Gastro 2024" (Day 2)

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9.00 – 9.40

Hall of the Academic Council named after Academician



ZH.Kh. Khamzabayev (Auditorium 415)

49A Beybitshilik Street, 1st Floor

**Panel Session: «Nutrition and civilization diseases in the context of global challenges to humanity. Opportunities for oncological risk and their prevention»**

Link for online participation

<https://us06web.zoom.us/j/85916415140?pwd=Ol-WLQY6glw5NLifilQtGTcfOPDTcQt.1>

#### **Moderators:**

Roza Bektayeva, Professor of Internal Diseases with a course in Gastroenterology, Medical University of Astana, President of the National Association of Gastroenterologists of Kazakhstan

Elena Nikitina, Associate Professor of Dietetics and Clinical Nutrition, Peoples' Friendship University of Russia-RUDN University, Moscow, Russian Federation



9.00-9.10

#### **Features of correction of functional disorders of the intestine**

Features of correction of functional disorders of the intestine

Roza Bektayeva, Professor of the Department of Internal Diseases with a Course in Gastroenterology, Astana Medical University, President of the National Association of Gastroenterologists of Kazakhstan.

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 9.10-9.20

### **Problems in the nutrition of modern humans and ways to correct them**

Elena Nikitina, Associate Professor of the Department of Dietetics and Clinical Nutrition, Peoples' Friendship University of Russia-RUDN University, Moscow, Russian Federation

 9.20-9.30

### **The state of nutrition and physical health of children in Kazakhstan**

Valery Schwartz, Deputy Dean of the School of Public Health and Management, Medical University of Astana.

 9.30-9.40

### **Active hydration and drinking regimen: keys to human health**

Zhandarbek Bekshin, General Director, Republican Collection of Microorganisms, Astana.

 9.40-9.50

### **Questions and Answers**

 9.40 – 10.45

Hall of the Academic Council named after Academician ZH.Kh. Khamzabayev (Auditorium 415)  
49A Beybitshilik Street, 1st Floor



### **Panel Session: «Microbiota; The impact of microbiota on human health»**

Link for online participation

<https://us06web.zoom.us/j/85916415140?pwd=OlWLQY6glw5NLifilQtGTcfOPDTcQt.1>

#### **Moderators:**

Meruert Gazaliyeva, Vice-Rector, Medical University of Astana

Elena Laryushina, Head of the Department of Internal Diseases, Karaganda Medical University

Roman Miroedov, Head of the Department of Research and Innovations, Amway Central Asia, Almaty.

 9.50-10.00

### **Microbiota; The impact of microbiota on human health**

Ekaterina Voroshilina, Professor, Head of the Department of Medical Microbiology and Clinical Laboratory Diagnostics, Ural State Medical University, Head of the Laboratory Diagnostics Department, Medical Center "Garmoniya," Yekaterinburg, Russian Federation (online).

 10.00-10.10

### **Characteristics of the intestinal microbiota composition in patients with ulcerative colitis and healthy individuals in the Karaganda region**

Elena Laryushina, Head of the Department of Internal Medicine, Karaganda Medical University.

 10.10-10.20

### **Microbiome and phytonutrients as innovative opportunities for maintaining and strengthening public health**

Roman Miroedov, Head of the Department of Research and Innovations at Amway Central Asia, Almaty.

 10.20-10.30

### **New Approaches to Helicobacter Pylori Eradication Therapy**

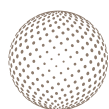
Baurzhan Iskakov, professor of the Department of Propaedeutics of Internal Diseases at the Kazakhstan-Russian Medical University, and the Chief Freelance Gastroenterologist of the Almaty City Health Department.

 10.30-10.45

### **Questions and Answers**

 10.45 – 11.15

### **Coffee break**



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14-15.10.2024



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11.15– 12.30



Hall of the Academic Council named after Academician ZH.Kh. Khamzabayev (Auditorium 415)  
49A Beybitshilik Street, 1st Floor

## **Panel Session «Once again on the Maastricht Consensus VI. Clinical guidelines for the diagnosis and treatment of H. pylori. Current issues in hepatobiliary diseases»**

Link for online participation

<https://us06web.zoom.us/j/85916415140?pwd=Ol-WLQY6glw5NLifilQtGTcfOPDTcQt.1>

### **Moderators:**

Tatyana Lapina, Associate Professor of the Department of Internal Medicine Propaedeutics, Gastroenterology, and Hepatology, First Moscow State Medical University named after I.M. Sechenov, Moscow, Russian Federation

Roza Bektayeva, Professor of the Department of Internal Medicine with a Course in Gastroenterology, Astana Medical University

Alma Almukhamedova, Associate Professor, Department of Internal Medicine with Courses in Gastroenterology and Endocrinology, Astana Medical University



11.15-11.25

## **Modern perspectives on the use of proton pump inhibitors: successes and challenges in their application**

Roza Bektayeva, Professor of the Department of Internal Medicine with a Course in Gastroenterology, Astana Medical University

 11.25-11.35

**Modern concepts of hemostasis disorders in liver diseases**

Alma Almukhamedova, Associate Professor, Department of Internal Medicine with Courses in Gastroenterology and Endocrinology, Astana Medical University.

 11.35-11.45

**Onconeurology: integrality and dimensions of therapeutic clinic**

Saltanat Tuganbekova, Head of the Department of Internal Medicine No. 4, Astana Medical University.

 11.45-12.05

**Maastricht VI Consensus and clinical guidelines of the Russian Gastroenterological Association for the diagnosis and treatment of H. pylori**

Tatiana Lapina, Associate Professor of the Department of Internal Medicine, Gastroenterology, and Hepatology, First Moscow State Medical University named after I.M. Sechenov, Moscow, Russian Federation (online).

 12.05-12.15

**New approaches in the treatment of chronic viral hepatitis B**

Kunsulu Shamsivaliyeva, Head of the Hepatology Center, Astana.

 12.15-12.25

**Integration of modern and alternative medicine methods in the diagnosis and treatment of digestive system diseases**

Vera Lukyanets, General Director of LLP "CETNAMED"

 12.25 – 12.45


**Discussion questions. Discussion. Moderators' conclusion.**

 12.45 – 13.00

**Closing of the forum**

## Scientific and Practical Conference with International Participation: «Stages of Innovative Development in Pediatric Maxillofacial Surgery in Kazakhstan» (Day 2)

 9.00 – 10.45

 Много-  
профильная  
городская детская  
больница №2,  
пр.Кошкарбаева,  
64, АКТОВЫЙ зал,  
4 этаж

### Panel Session: «Issues of rehabilitation for children with maxillofacial area pathology»

#### Moderator:

Panel Session: «Issues of rehabilitation for children with maxillofacial area pathology»

#### Moderator:

Saken Kozhakmetov, Head of the Department of Surgical Diseases named after Professor Tsoi G.V., Medical University of Astana

Main criteria for determining disability in children with congenital cleft lip and palate according to the international classification of functioning

Alma Zamurayeva, Professor of the Department of Orthopedic and Pediatric Dentistry, Medical University of Astana

Concept of orthopedic dental rehabilitation for patients with postoperative defects and deformities of the maxillofacial area in Kazakhstan

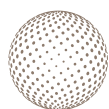
Asylbek Esirkepov, Deputy Dean of the School of Dentistry, Associate Professor of the Department of Orthopedic Dentistry, Kazakh National Medical University named after S.D. Asfendiyarov

Features of myofunctional correction in children with congenital pathology of the maxillofacial area

Assel Mukhametrakhimova, Speech Therapist-Defectologist, Colibri Health and Aesthetic Dentistry Clinic, Astana

Features of oral cavity sanitation under anesthesia in children with disabilities

Asanbek Kanzharbekov, Multidisciplinary City Children's Hospital No. 2, Astana



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Own tactics for ortho-surgical surgeries in children

Amangeldi Kayupov, Head of the Maxillofacial Surgery  
Department, Regional Clinical Hospital, Uralsk



10.45 – 11.15

**Coffee break**



11.15 – 13.00



SCE on the REM  
"Multidisciplinary  
City Children's  
Hospital No. 2",  
64 Koshkarbayev  
Street, Assembly  
Hall, 4th Floor

### **Panel Session: «Residency, Training, and Outcomes»**

#### **Moderator:**

Tuleubay Batyrov, Professor of the Department of Surgical  
Diseases named after Professor Tsoi G.V., Medical Universi-  
ty of Astana

#### **Innovation of using situational role-playing games in elective residency (poster presentation)**

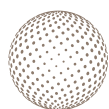
Saken Kozhakmetov, Head of the Department of Surgical  
Diseases named after Professor Tsoi G.V., Astana Medical  
University

#### **Clinical case of fatal outcome in a child with facial phlegmon against the background of thymic hypoplasia**

Aydar Yskakov, 3rd Year Maxillofacial Surgery Resident,  
Department of Surgical Diseases named after Professor Tsoi  
G.V., Medical University of Astana, Supervisor - Professor  
Tuleubay Batyrov

#### **Choice of cheiloplasty for unilateral cleft upper lip**

Alibek Zhanalinov, 3rd Year Maxillofacial Surgery Resident,  
Department of Surgical Diseases named after Professor Tsoi  
G.V., Medical University of Astana, Supervisor - Professor  
Tuleubay Batyrov



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### **Comparative evaluation of local hemostatic agents used in dental treatment**

Zhannat Batyrova, Dentist, Assistant of the Department of Therapeutic and Surgical Dentistry, Astana Medical University

### **Cases of mixed odontoma removal from the upper jaw**

Serik Akimbek, 3rd Year Maxillofacial Surgery Resident, Department of Surgical Diseases named after Professor Tsoi G.V., Medical University of Astana, Supervisor - Professor Tuleubay Batyrov

### **Comprehensive treatment of retention cysts of the lip and tongue in children with deep bite**

Arnur Alenov, 3rd Year Maxillofacial Surgery Resident, Department of Surgical Diseases named after Professor Tsoi G.V., Medical University of Astana, Supervisor - Professor Tuleubay Batyrov



13.00 – 14.00

### **Lunch**



14.00 – 15.30



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Hall, 4th Floor

### **Wounds and Defects, Varieties of Treatment**

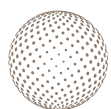
#### **Moderator:**

Saken Kozhakmetov, Head of the Department of Surgical Diseases named after Professor Tsoi G.V., Medical University of Astana

### **Reconstructive surgery of the jaws using allogeneic bone substitutes**

Yusup Guseinov, Acting Head of the Maxillofacial Surgery Department, Multi-Profile City Children's Hospital No. 2, Astana





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### **Free tissue grafting in mandibulofacial surgery**

Kazybek Kabdolla, Maxillofacial Surgery Resident, Department of Surgical Diseases named after Professor Tsoi G.V., Medical University of Astana, Supervisor - Professor Tuleubay Batyrov

### **Application of additive technology in maxillofacial surgery**

Ruslan Zharilkassimov, Maxillofacial Surgery Resident, Department of Surgical Diseases named after Professor Tsoi G.V., Medical University of Astana, Supervisor - Professor Tuleubay Batyrov

### **Correction of psychological status in children with maxillofacial pathology**

Madina Sagymbaeva, 2nd-Year Master's Student, Turan University, Astana



15.30 – 17.00

### **Familiarization with the work of the maxillofacial surgery department at the multi-profile city children's hospital No. 2**



17.00 – 18.00

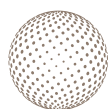
### **Summary. Discussions. Adoption of the resolution of session**

#### **Closing Ceremony Moderators:**

Saken Kozhakmetov, Head of the Department of Surgical Diseases named after Professor Tsoy G.V., Astana Medical University

Tuleubai Batyrov, Professor at the Department of Surgical Diseases named after Professor Tsoy G.V., Astana Medical University

#### **Closing of conference**



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## Master Classes

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9.00 – 17.00



Hospital of the  
Medical Center of  
the Presidential  
Administration of  
the Republic of  
Kazakhstan,  
Esil District, E495  
St. No. 2

### Stimulation of the Left Bundle Branch (LBBAP)

Jacek Gajek, Professor at Wroclaw Medical University, Poland  
Ayan Abdrakhmanov, Head of the Arrhythmology Center, Head  
of the Department of Cardiology, Medical University of Astana,  
Chief Arrhythmologist at the Hospital of the Medical Center of  
the Presidential Administration of the Republic of Kazakhstan,  
President of the Kazakhstan Society of Arrhythmologists, Chief  
Freelance Arrhythmologist of the Ministry of Health of the  
Republic of Kazakhstan.



8.00 - 17:00

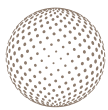


Main building, 49A  
Beibitshilik str.

### An introduction to regression analysis. Systematic review and meta-analysis: from idea to publication

Andrey Mechislavovich, Head of the Department for  
Scientific and Innovative Work, Northern State Medical  
University, Arkhangelsk, Professor of the Department of  
Biology, Ecology and Biotechnology, Northern (Arctic)  
Federal University, Arkhangelsk, Russian Federation

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## Signing of Memorandums and Agreements



**14.30 – 14.45**



Meeting Room  
(Office 303),  
49A Beybitshilik  
Street, 3rd Floor

**Signing of the Agreement between Astana Medical University and Erasmus University Medical Center, Netherlands, for the Implementation of the Joint Doctoral Program**

Kamalzhhan Nadirov, Chairman of the Board - Rector,  
Astana Medical University

Maikel Peppelenbosch, Head of Research Department,  
Erasmus University Medical Center, Vice President of the  
Royal Netherlands Academy of Arts and Sciences,  
Netherlands



**14.30– 14.45**



Meeting Room  
(Office 303),  
49A Beybitshilik  
Street, 3rd Floor

**Signing of the Agreement between Astana Medical University and Istanbul Medipol University for the Joint Bachelor's Educational Program in "Medicine" and the Roadmap for the Joint Educational Program**

Nadirov Kamalzhan, Chairman of the Board - Rector,  
Astana Medical University

Omer Ceran, Rector, Istanbul Medipol University, Turkey

Selim Vardarbash, Vice-Rector for International Affairs,  
Istanbul Medipol University, Turkey



**14.45– 15.00**

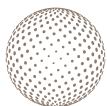


Meeting Room  
(Office 303),  
49A Beybitshilik  
Street, 3rd Floor

**Signing of the Memorandum of Understanding between Astana Medical University and the Tomsk National Medical Center of the Russian Academy of Sciences.**

Nadirov Kamalzhan, Chairman of the Board - Rector,  
Astana Medical University

Sergey Popov, Director of the Research Institute of Cardiology, Vice-President of the All-Russian Scientific Society of Arrhythmologists, and Academician of the Russian Academy of Sciences, Tomsk, Russia



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**15.00 – 15.15**



**Meeting Room  
(Office 303),  
49A Beybitshilik  
Street, 3rd Floor**

**Signing of a memorandum of understanding  
between the Medical University of Astana and  
the Central Asian Medical University, Uzbeki-  
stan.**

Kamalzhan Nadirov, Chairman of the Board - Rector,  
Astana Medical University

Nurillo Mamasadikov, Rector of the Central Asian Medical  
University, Uzbekistan



**15.15 – 15.30**

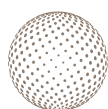


**Meeting Room  
(Office 303),  
49A Beybitshilik  
Street, 3rd Floor**

**Signing of a memorandum of understanding  
between the Medical University of Astana and  
the East Kazakhstan Technical University  
named after D. Serikbayev**

Kamalzhan Nadirov, Chairman of the Board - Rector,  
Astana Medical University

Saule Rakhmetullina, Chair of the Board - Rector of the  
Non-Profit Joint Stock Company 'East Kazakhstan Techni-  
cal University named after D. Serikbayev.



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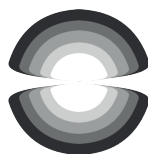
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Республики Казахстан



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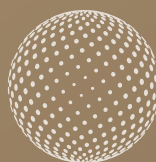
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