



PROGRAM

of the scientific and practical online conference with international participation

«DEMOGRAPHIC TRANSITION AND AGING ISSUES IN BIOCHEMICAL AND PATHOPHYSIOLOGICAL ASPECTS»

dedicated to the memory of the Doctor of Medical Sciences, Professor Kasenov Kozhantai Urazovich and the 30th anniversary of Independence of the Republic of Kazakhstan

November 19, 2021
Aktobe, Republic of Kazakhstan



KASENOV KOZHANTAI URAZOVICH

Doctor of Medical Sciences, Professor of the Department of Pathological Physiology

Regulations of work

Plenary meeting

Conference sections:

Section 1 «Modern understanding of aging. Socio-economic significance of aging»

Section 2 «Molecular and biochemical aspects of aging»

Section 3 «Pathophysiology and methodological approaches to the prevention of aging»

Master classes

Conference participants

Work regulations (Local time)

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- 08:30 – 17:00** Virtual Exhibition.
Link: http://biblio.zkgmu.kz:8087/jrbis2/index.php?option=com_content&view=article&id=1022&Itemid=444&lang=ru
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- 09:00 – 10:40** Master classes:
I-st part
-
- 14:00 – 16:20** II-nd part
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-
- 11:00 – 12:15** Opening of the conference. Plenary session.
Link: <https://wkm.webex.com/meet/webex1>
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- 11:00 – 11:05** Welcome speech:
Akanov Nurlan Yerdenyevich, Head of the Department of Medical Science and Innovative Technologies of the Department of Science and Human Resources of the Ministry of Health of the Republic of Kazakhstan, candidate of medical sciences
-
- 11:05 – 11:15** Welcome speech:
Ismagulova Elnara Kereyevna, Acting Chairman of the Board - Rector of the West Kazakhstan Marat Ospanov Medical University, doctor of medical sciences
-
- 11:15 – 11:30** Welcome speech of colleagues and students of Professor K.U.Kasenov:
Dilmagambetov Saruar Nurgaliyevich, candidate of chemical sciences, Professor of West Kazakhstan Marat Ospanov Medical University
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- Begalin Toleukhan Begaliyevich**, candidate of medical sciences, Associate Professor, West Kazakhstan Marat Ospanov Medical University
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Aringazina Altyn Muafikovna, doctor of medical sciences, WHO expert, Professor of the International School of Medicine of the Caspian University, Almaty

Nurgaliyeva Rosa Yergaliyevna, doctor of medical sciences, Professor, West Kazakhstan Marat Ospanov Medical University

11:30 – 11:35 Welcome speech:

Zhexenova Azhar Nikolayevna, candidate of medical sciences, Head of the Department of Pathophysiology, West Kazakhstan Marat Ospanov Medical University

Plenary reports:

11:35 – 12:05

Prof. **Krzysztof Książek**, PhD, DSc
Poznan University of Medical Sciences
Head of Department of Pathophysiology of Aging and Civilization Diseases
«The role of cellular senescence in the development of intra-peritoneal ovarian cancer metastasis»

12:05 – 12:15

Komekbay Zhanat, candidate of medical sciences, Associate Professor, Head of the Department of Histology, West Kazakhstan Marat Ospanov Medical University
Aliyeva Lida, master of medical sciences, senior lecturer of the Department of Pathological Physiology
«Improving the scientific and educational process based on strategic partnership»

12:20 – 13:30 Break



SECTION 1
MODERN UNDERSTANDING OF AGING.
SOCIO-ECONOMIC SIGNIFICANCE OF AGING

Link: <https://wkmw.webex.com/meet/webex2>

Moderators:

Urazayeva Saltanat Turakovna,

candidate of medical sciences, Head of the Department of Epidemiology Disciplines

Musin Nadiar Maratovich,

Vice-Rector for Clinical Work, Member of the Board of the West Kazakhstan Marat Ospanov Medical University, candidate of medical sciences, PhD

- 13:30-13:40** «Quality of life in the elderly and older age with urine content»
Karimsakova Bibigul Koptleuovna, Candidate of medical sciences, Professor,
West Kazakhstan Marat Ospanov Medical University, Kazakhstan, Aktobe
- 13:40-13:50** «Polypharmacy of the elderly in primary health care »
Yermukhanova Lyudmila Sergeyevna, Candidate of medical sciences, Associate Professor
West Kazakhstan Marat Ospanov Medical University, Kazakhstan, Aktobe
- 13:50-14:00** «Nutrition for elderly patients with type 2 diabetes «
Sartayeva Aigul Shynbergenovna, Ph.D.
West Kazakhstan Marat Ospanov Medical University, Kazakhstan, Aktobe
- 14:00-14:10** «DNA diagnostics of alcohol dependence in the Kazakh population”
Ramazanov Akmaral Adietovna, master degree
West Kazakhstan Marat Ospanov Medical University , Kazakhstan, Aktobe
- 14:10-14:20** «Criteria for the implementation of undergraduate educational programs in the basic discipline
«Histology» to ensure a competence-based approach in the preparation of doctors by the
Department of Histology”
Temirova Gulnara Ayaganovna, Candidate of medical sciences, Professor
West Kazakhstan Marat Ospanov Medical University, Kazakhstan, Aktobe
- 14:20-14:30** «Incidence of COVID-19 in the elderly»
Bolat Merey, master's student
West Kazakhstan Marat Ospanov Medical University, Kazakhstan, Aktobe



14:30-14:40 «Features of social and psychological adaptation of children with scoliosis »
Kuanyshev Dauren, master's student
West Kazakhstan Marat Ospanov Medical University, Kazakhstan, Aktobe

14:40-14:50 «Aging in the 21st century»
Gumarova Zhannat Zhanbulatovna, Candidate of biochemical sciences, Head of the
Department of Chemical Disciplines
West Kazakhstan Marat Ospanov Medical University, Kazakhstan, Aktobe

- 14:50-15:00** «Epidemiological situation on COVID-19 in Aktobe region during the pandemic»
Nurmukhamedova Shara Malikovna, master degree
West Kazakhstan Marat Ospanov Medical University, Kazakhstan, Aktobe
- 15:00-15:10** «Retrospective analysis of morbidity in the population of the Zhanazhol oil and gas complex region»
Sabyrakhmetova Valentina Maksatovna, Candidate of medical sciences, Associate professor, KazNMU named after S.D. Asfendiyarov, Almaty



SECTION2

MO«MOLECULAR AND BIOCHEMICAL ASPECTS OF AGING»

Link: <https://wkmw.webex.com/meet/webex3>

Moderators:

Gumarova Zhannat Zhanbulatovna, candidate of biochemical sciences, Head of the Department Chemical Disciplines, West Kazakhstan Marat Ospanov Medical University

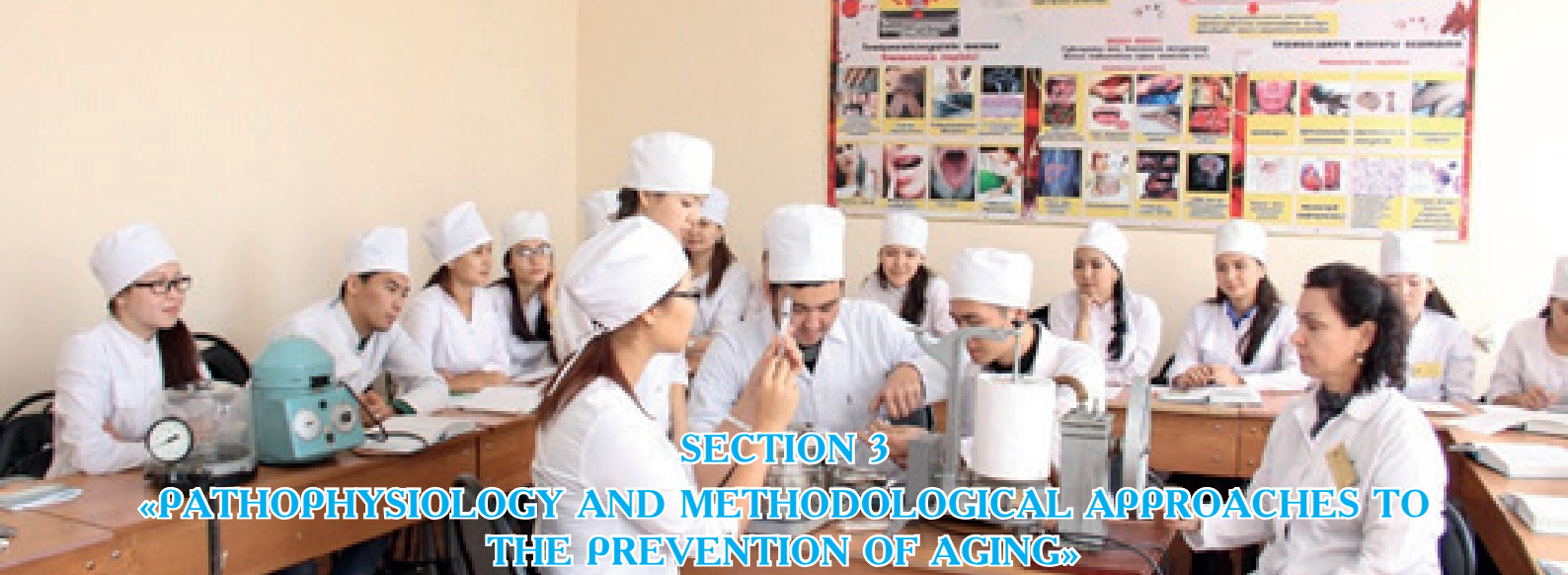
Dilmagambetov Saruar Nurgalievich, candidate of chemical sciences, Professor, West Kazakhstan Marat Ospanov Medical University

- 13:30-13.55** «Metabolic bases of preserving active longevity»
Mukhamedzhanov Emil Kopeyevich, doctor of medical sciences, Professor
National Scientific and Practical Center of Physical Culture of the Ministry of Education
and Science of the Republic of Kazakhstan, Almaty
- 13:55-14-10** «The role of the chemical nature of antioxidants in the inhibition of free radicals»
Seytembetov Talgat Sultanovich, doctor of chemical sciences, Professor, Astana Medical
University, Nur-Sultan
- 14:10-14:25** «The effect of biomays on the level of lipoprotein in the development of experimental
hypercholesterolemia»
Azizova Delzoda Maratovna, candidate of biochemical sciences, docent
Tashkent Medical Academy, Uzbekistan
- 14:25-14:45** «Biomedical technologies and aging: oxidative stress, endothelial dysfunction, hypoxia.
Prospects for the use of terahertz therapy in medical practice»
Kondalskaya Yulia Olegovna, doctor-therapist
First Moscow State Medical Sechenov University, Russia
- 14:45-15.00** «The role of glycosaminglicans and proteoglycans in the biochemical process of aging of the
human body»
Askalieva Nurgul Rakeevna, candidate of chemical sciences
Kyrgyz State I.K. Akhunbaev Medical Academy, Kyrgyzstan



- 15:00-15:15** «Influence and role of free radicals on the aging process»
Ermekova Dinara Urmatovna
Kyrgyz State I.K. Akhunbaev Medical Academy, Kyrgyzstan
- 15:15-15:25** «Some biochemical aspects of the aging process of the body in oxidative stress»
Idyrysova Akmaral Alimkhanovna, master degree
Astana Medical University, Nur-Sultan
- 15:25-15:35** «The biochemical indicators in colorectal cancer incidence of patients by age categories»
Taumova Arzhan Baidosovna, master degree
West Kazakhstan Marat Ospanov Medical University, Aktobe

15:35-15:45 «Metabolic disorders and extramental pathologies of pregnant women»
Sagimbay Erlan, student
West Kazakhstan Marat Ospanov Medical University, Aktobe



Link: <https://wkmw.webex.com/meet/webex1>

Tsymbal Alexander Alexandrovich

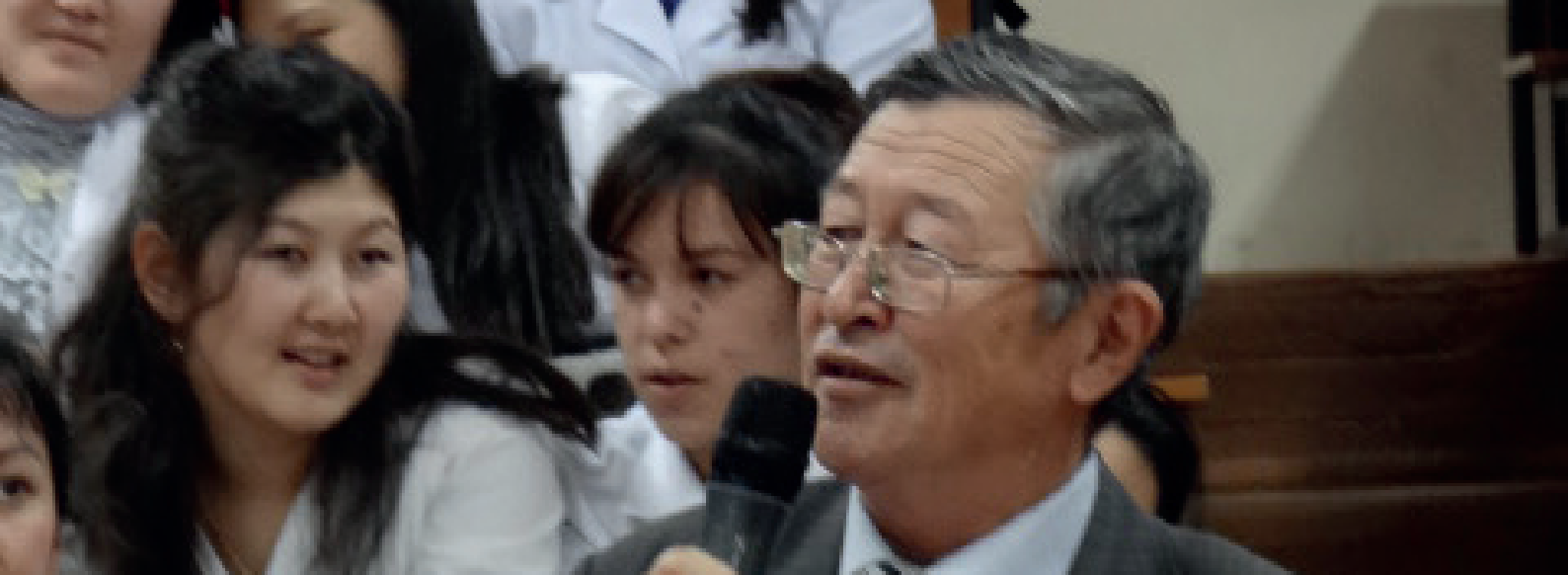
Moderators:

doctor of medical sciences, Professor of the Department of Pathophysiology, First Moscow State Medical University of the Ministry of Health of Russia

Zheksenova Azhar Nikolayevna

candidate of medical sciences., Head of the Department of Pathophysiology, West Kazakhstan Marat Ospanov Medical University

- 13:30-14:00** «Modern aspects of the etiology, pathogenesis and diagnosis of sarcopenia in gerontology»
Kurmayer Dmitry Petrovich, d.m.s., Professor
FSBEI HE «Samara State Medical University» of the Ministry of Health of the Russian Federation, Russia
- 14:00-14:20** «Pathogenetic aspects of the restoration of hematopoiesis in old animals»
Tukhvatshin Rustam Romanovich, d.m.s., Professor
KSMU named after I.K. Akhunbaev, Kyrgyzstan
- 14:20-14:40** «Pathogenesis of postresuscitation heart failure»
Dolgikh Valery Terentyevich, d.m.s., Professor
Research Institute of General Reanimatology and Rehabilitation of Russia, Russia
- 14:40-15:00** «Parkinson's disease: modern principles of diagnosis and treatment»
Utepkaliyeva Aigul Pazylbekovna, Ph.D.
West Kazakhstan Marat Ospanov Medical University, Aktobe
- 15:00-15:15** «The influence of phytocomposition and the combined effect of a small dose of gamma radiation and potassium dichromate on the immunological reactivity of the organism»
Zhetpisbayev Bekbolat Adamovich, d.m.s., Professor
Gumilyov Eurasian National University, Nur-Sultan
- 15:15–15:25** «Mechanisms of skin aging in people living in the zone of uranium tailings»
Isupova Alena Anatolyevna, candidate of medical sciences, Associate Professor
KRSU named after Boris N. Yeltsin, Kyrgyzstan
- 15:25-15:35** «Osteoarthritis: a modern view of the problem, the possibilities of therapy and prospects for further research»
Zaripova Lina Niyazovna, master
NJSC «Astana Medical University», Nur-Sultan



- 15:35-15:45** «Predictors of left ventricular remodeling in schoolchildren with ventricular premature beats»
Mamedova Zarifa Isfendiyar kyzy, assistant
Azerbaijan Medical University, Azerbaijan
- 15:45-15:55** «Late ventricular potentials in older schoolchildren with type I diabetes mellitus»
Sultanova Laman Bakhtiyarkyzy
Azerbaijan Medical University, Azerbaijan
- 15:55– 16:05** «Restrospective pathomorphological analysis of gastritis among residents of the Aktobe region»
From Nina Alekseyevna, student
West Kazakhstan Marat Ospanov Medical University, Aktobe

- 16:05 – 16:15** «Features of pathogenesis in elderly people»
Mukyshova Gulbanu Demekbaevna, master of medical sciences
Zhylybekova Aliya Kalievna, doctoral student
West Kazakhstan Marat Ospanov Medical University, Aktobe
- 16:15- 16:25** «Features of the development of osteoporosis in the elderly people»
Akhmetova Uldai Zhaksybaevna, master of medical sciences
Nurseytova Totygul Hayrollakzy, master of medical sciences
West Kazakhstan Marat Ospanov Medical University, Aktobe
- 16:25-16:40** «Research on the effectiveness of the PBL (project-oriented learning) method in teaching biology»
Aminova Asylai Samatkyzy, master's student
L.N. Gumilyov Eurasian National University, Nur-Sultan
- 16:40-16:50** «Indicators of humoral immunity in patients with cancer»
Taskozhina Gulyay Esenbaevna, master of medical sciences
West Kazakhstan Marat Ospanov Medical University, Aktobe
- 16:50-17:00** «Morphological changes in the pancreas in acute experimental pancreatitis and correction by cytochrome C»
Alimbekova Lobarkhon Utkurovna
Tashkent Medical Academy

Time	Master classes
09:00-09:30	<p>«Criteria and Norms for Evaluating Written Works»</p> <p>Gumarova Zhannat, candidate of biological sciences, West Kazakhstan Marat Ospanov Medical University</p> <p>https://us04web.zoom.us/j/79363810915?pwd=c1R1dWpKazMwaGsrZ2R0V21uczNJQT09</p>
09:30-10:00	<p>«Search for evidence-based information on the Internet»</p> <p>Alekenova Nurgul, PhD, West Kazakhstan Marat Ospanov Medical University</p> <p>https://us04web.zoom.us/j/5027018771?pwd=dFVsc0h4NVhVNzJ6KytQUmNCTys0Zz09</p> <p>Meeting ID: 502 701 8771</p> <p>Passcode: vw8tv</p>
10:00-10:40	<p>Journal Club «Critical evaluation of journal publications»</p> <p>Nazarbayeva Rysty, c.m.s., Associate Professor, West Kazakhstan Marat Ospanov Medical University</p> <p>https://us04web.zoom.us/j/76074052231?pwd=c2NlaC9DSmp3RE12eXR1RHhrbGlVZz09</p> <p>Meeting ID: 760 7405 2231</p> <p>Passcode: WTMgil</p>
break	

<p>14:00-14:30</p>	<p>Moderator: Kurmangalieva Saule, Ph.D., Head of the Department of Microbiology, Virology and Immunology</p> <p>Speaker: Lugovskaya Svetlana, d.m.s., Professor Russian Medical Academy of Continuing Medical Education, Ministry of Health of Russia, Moscow.</p> <p>With the support of Beekman Coulter Life Sciences</p> <p>«The use of multicolor flow cytometry in the diagnosis of lymphoproliferative diseases»</p> <p>https://us04web.zoom.us/j/74309656749?pwd=a2g4SXRZZmJkbkJOHppQzVLaU9ldz09</p> <p>Meeting ID: 743 0965 6749</p> <p>Passcode: 8rp5gz</p>
<p>14:30-15:10</p>	<p>«How to prepare an article for publication? Tips for using the Scopus database»</p> <p>Rabiga Khozhamkul, MD</p> <p>MPH - Elsevier Consultant for Central Asia and Azerbaijan</p> <p>https://elsevier.zoom.us/webinar/register/WN_vs6jZZyCSXyepVnY4bh-xw</p>

<p>15:00-15:50</p>	<p>«Elsevier Clinical Key Student Learning Resource is an electronic platform for effective teaching of medical students»</p> <p>Safonova Tatjana</p> <p>https://elsevier.zoom.us/webinar/register/WN_AwrwGE9xRaaVsnTYzm9-2A</p> <p>Meeting ID: 930 4991 4728</p> <p>Passcode 012384</p> <p>Upon completion, there will be a certificate of participation from Elsevier</p>
<p>15:50-16:20</p>	<p>«Planning and the main stages of work on the project»</p> <p>Zheksenova Azhar, c.m.s., Associate Professor</p> <p>West Kazakhstan Marat Ospanov Medical University</p> <p>https://us04web.zoom.us/j/6181457270?pwd=YnNJN245TUZNUlIWTXJoWIM2MnIwUT09</p> <p>Meeting ID: 618 145 7270</p> <p>Passcode: 1111</p>

ADOPTION OF A RESOLUTION

16.50 - 17.00

<https://wkmw.webex.com/meet/webex1>

Musin Nadiar Maratovich - Vice-Rector for Clinical Work, Member of the Board of the West Kazakhstan Marat Ospanov Medical University, candidate of medical sciences, PhD, Aktobe, Kazakhstan

Conference participants:

West Kazakhstan Marat Ospanov Medical University, Aktobe, Kazakhstan,

Poznan University of Medical Sciences named after K.Marcinkowski, Poznań, Poland

Azerbaijan Medical University, Baku, Azerbaijan

Samara State Medical University of the Ministry of Health of Russia, Samara, Russia

Vinnitsia National Medical University named after Pirogov, Vinnitsia, Ukraine

L.N. Gumilyov Eurasian national University, Astana, Kazakhstan

Institute of Biodesign and Modeling of Complex Systems of the I.M. Sechenov, First Moscow State Medical University of the Ministry of Health of Russia, Moscow, Russia

Kazakh National Medical University named after S. D. Asfendiyarov, Almaty, Kazakhstan

Kyrgyz State Medical Academy named after I.K. Akhunbayev, Bishkek, Kyrgyzstan

Kyrgyz-Russian Slavic University named after B. N. Yeltsin, Bishkek, Kyrgyzstan

Khoja Ahmet Yasavi International Kazakh-Turkish University, Turkestan, Kazakhstan

National Scientific and Practical Center of Physical Culture "of the Ministry of Education and Science of the Republic of Kazakhstan, Almaty, Kazakhstan

Russian Medical Academy of Continuing Medical Education, Ministry of Health of Russia, Moscow, Russia

Medical University of Karaganda, Karaganda, Kazakhstan

Research Institute of General Reanimatology named after V.A. Negovsky, Federal Scientific Research Center of Reanimatology and Rehabilitation of the Ministry of Education and Science of the Russian Federation, Moscow, Russia

Astana Medical University, Ministry of Health of the Republic of Kazakhstan

Austrian Health Center Verba Mayr (Verbamed LLC), Astana, Kazakhstan

Tashkent Medical Academy. Tashkent, Uzbekistan

Turkestan Higher Medical College. Turkestan, Kazakhstan

International research and production holding Phytochemistry, Karaganda, Kazakhstan
