



**PROGRAM**

**3<sup>rd</sup> International Conference**

**One Health: Problems & Solutions**



1-2 June 2023  
Baku, Azerbaijan

## CO-ORGANIZERS:



Azerbaijan Medical University



Azerbaijan National Research Institute  
(NRI) of Medical Prevention named  
after Vali Akhundov



Food Safety Agency of the Republic of  
Azerbaijan



Department of Molecular Sciences,  
Swedish Centre for Animal Welfare of  
Swedish University of Agricultural  
Sciences SLU, Sweden



National University of Life and  
Environmental Sciences, Ukraine



Poltava State Agrarian University,  
Ukraine

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**Prof. Hamlet Isakhanli** – Founder, Chairman of the Board of Directors and Trustees, Khazar University

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**Jamala Eldarova**, Khazar University

**Mahammad Eldarov**, Khazar University

**Galia Zamaratskaia**, Swedish University of Agricultural Sciences

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**Prof. Hamlet Isakhanli**

Founder, Chairman of the Board of Directors and Trustees  
Khazar University, Azerbaijan



**Assoc. Prof. Irada Khalilova**

Conference Chair  
Khazar University, Azerbaijan

## KEYNOTE SPEAKERS



**Dr. Rovshan Abbasov, PhD**  
Head of Department, Khazar  
University, Azerbaijan



**Assoc. Prof. Galia Zamaratskaia**  
Swedish University of  
Agricultural Sciences, Sweden



**David T. Dyjack, Dr.PH, CIH**  
Chief Executive Officer  
National Environmental Health  
Association



**Prof. Xingzhi (Xavier) Xu, PhD**  
Executive Dean, Shenzhen  
University Medical School,  
China



**Prof. Xinchun Chen**

Vice Dean of Shenzhen University  
Medical School, China



**Prof. Adil M. Allahverdiyev**

Director of Azerbaijan NRI of  
Medical Prevention named  
after Vali Akhundov



**Prof. Ali Azghani**

The University of Texas at Tyler, USA



**Prof. Lu Xiaolin (online)**

Shanghai University Pan-SHU  
Sci-Tech Park, China





**Prof. Jiang Lijing (online)**

Minhang Hospital Affiliated to Fudan University, China

***Thursday, 1 June 2023***

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**8:30-9:00**                      Conference Check-In  
Marble Hall, 5<sup>th</sup> floor

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**Opening Ceremony**

A moment of silence in memory of children as victims of wars,  
natural disasters, and hunger on our planet

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**Welcome and Keynote by:**

**Prof. Hamlet Isakhanli**  
*Founder, Chairman of the Board of Directors and  
Trustees, Khazar University*

**9:00 – 9:25**                      **Assoc. Prof. Irada Khalilova**  
*Conference Chair, Khazar University*

**Planetary Health Alliance Consortium**  
*Harvard University, USA*  
“Welcome Video”

**9:25 - 9:30**                      **SESSION I: Climate Change, Health, and Food  
Security**  
Moderator: **Irada Khalilova**

**9:30 – 9:50**                      **Dr. David T. Dyjack**  
*National Environmental Health Association, USA*  
“The Isthmus”

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**9:50 – 10:10**                      **Dr. Rovshan Abbasov**  
*Geography and Environment Department, Khazar  
University, Azerbaijan*  
“The Caspian Sea and its values: Impact of pollution on  
ecosystem benefits”

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**10:10 – 10:30**                      **Assoc. Prof. Galia Zamaratskaia**  
*Swedish University of Agricultural Sciences, Sweden*  
“Heritage cereals – using history to form the future ”

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<b>10:30 – 10:45</b>	<b>Assoc. Prof. Nataliia Nesterova (online)</b> <i>The National University of Life and environmental sciences of Ukraine</i> “Impacts of global climate change to the urbanized territories of the city of Kyiv”
<b>10:45 – 11:00</b>	<b>Assoc. Prof. Zumrat Maksudova (online)</b> <i>Avicenna Tajik State Medical University</i> “Fluorine content in the objects of the external environment and its effect on the children's health conditions in the Republic of Tajikistan”
<b>10:00– 11:30</b>	<b>Coffee Break / Poster Session</b>
<b>11:30 – 11:45</b>	<b>Assoc. Prof. Nataliia Hryshchenko (online)</b> <i>The National University of Life and Environmental Sciences of Ukraine</i> “Development of animal husbandry in Ukraine during the war”
<b>11:45 – 12:00</b>	<b>Abdullah Çalışır/ Murat Çetindemir (online)</b> <i>Akterm Energy Group, Istanbul, Türkiye</i> “Types of usage areas of renewable energy resources and their positive effects on our world”
<b>12:00 – 12:15</b>	<b>Valida Sadikhova</b> <i>Food Safety Agency, Azerbaijan</i> “Reforms carried out in the field of food safety in the country”
<b>12:15 – 12:30</b>	<b>Prof. Oksana Kravchenko (online)</b> <i>Poltava State Agrarian University</i> “Hypothesis about the cyclic lability of prooxidant-antioxidant homeostasis in sows”
<b>12:30 – 12:45</b>	<b>Assoc. Prof. Liudmyla Zlamaniuk (online)</b> <i>National University of Life and Environmental Sciences of Ukraine</i> “Comparative evaluation of amino acid content of novoalexandrovsk heavy draft mare's milk and kumiss”
<b>12:45 – 13:00</b>	<b>Q&amp;A session</b>
<b>13:00 -14:00</b>	<b>Lunch</b>

<b>14:00 – 14:05</b>	<b>Moderator: Dr. David T. Dyjack</b>
<b>14:05 – 14:25</b>	<b>Dr. Asaf Omarov</b> <i>ADA University, Azerbaijan</i> “Frequency of antibiotic-resistant <i>Salmonella</i> spp. isolated from poultry samples in Baku, Azerbaijan and Tyler, Texas, USA”
<b>14:25 – 14:45</b>	<b>Assoc. Prof. Mehraj Abbasov</b> <i>Genetic Resources Institute of the Ministry of Science and Education of Azerbaijan</i> “Diversity analysis of <i>Aegilops</i> L. species of different origin using SSR markers”
<b>14:45 – 15:00</b>	<b>Shalala Zeynalova</b> <i>Veterinary Scientific Research Institute of Azerbaijan</i> “Spread of diseases rotavirus and coronavirus among calves in the north region of Azerbaijan”
<b>15:00 – 15:20</b>	<b>Leyla Hashimova</b> <i>NRI of Medical Prevention named after V.Akhundov</i> “Microorganisms isolated from wound culture and their antibiotic resistance”
<b>15:20 – 15:40</b>	<b>Q&amp;A session</b> <b>Conclusion for <i>Climate Change, Health, and Food Security Session</i></b>
<b>15:40 – 16:00</b>	<b>Coffee Break / Poster Session</b>
<b>16:00 – 16:30</b>	<b>Aima Adylova (workshop)</b> <i>Shenzhen University School of Medicine, China</i> “The idiosyncrasies of getting published in the internationally acclaimed journals”
<b>16:30 – 16:40</b>	<b>Daria Saveleva (workshop)</b> <i>The official representative of Springer Nature</i>

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***Friday, 2 June 2023***

<b>9:00 – 9:05</b>	<b>SESSION II: Public Health, Diseases Control and Prevention Strategies</b> Moderator: <b>Ali Azghani</b>
<b>9:05 – 9:25</b>	<b>Prof. Lu Xiaolin (online)</b> <i>Shanghai University Pan-SHU Sci-Tech Park, China</i> “Post COVID-19 Era: New measures for building a global innovation and entrepreneurship cluster in university science parks”
<b>9:25 – 9:45</b>	<b>Prof. Xinchun Chen</b> <i>School of Medicine, Shenzhen University, China</i> “Characterization of anti-tuberculosis immunity and its application in Host-Directed Therapy (HDT)”
<b>9:45 – 10:05</b>	<b>Prof. Xingzhi (Xavier) Xu</b> <i>School of Medicine, Shenzhen University School of Medicine, China</i> “The safeguard of genome stability and integrity”
<b>10:05 – 10:25</b>	<b>Prof. Adil Allahverdiyev</b> <i>Azerbaijan National Research Institute of Medical Prevention named after Vali Akhundov</i> “Development vaccines against leishmaniasis and current status”
<b>10:25 – 10:45</b>	<b>Assoc. Prof. Abdzhappar Gaipov</b> <i>School of Medicine, Nazarbayev University, Kazakhstan</i> “Epidemiology and surveillance of chronic noncommunicable and communicable diseases in Kazakhstan using Big Data from Unified National Electronic Healthcare System”
<b>10:45 – 11:05</b>	<b>Prof. Ali Azghani</b> <i>University of Texas at Tyler, USA</i> “Insight into variable gene expression in multi-drug resistant pseudomonas aeruginosa clinical isolates from baku, AZ & TYLER, TX, USA”
<b>11:05 – 11:35</b>	<b>Coffee Break / Poster Session</b>

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<b>11:35 – 11:55</b>	<b>Prof. Jiang Lijing (online)</b> <i>Minhang Hospital Affiliated to Fudan University, China</i> “Application of telemedicine and portable ultrasound equipment based on new generation information technology in intensive care units (ICU) during the global COVID-19 epidemic”
<b>11:55 – 12:15</b>	<b>Prof. Zeliha Selamoglu</b> <i>Niğde Ömer Halisdemir University, Türkiye</i> “7,12-Dimethylbenz[a]anthracene as a potential chemical carcinogen and its toxicity”
<b>12:15 – 12:35</b>	<b>Gulnur Zhakhina</b> <i>School of Medicine, Nazarbayev University, Kazakhstan</i> “Epidemiology of acute myocardial infarction in Kazakhstan: data from Nationwide Electronic Healthcare registry 2014-2019”
<b>12:35 – 12:50</b>	<b>Q&amp;A session</b>
<b>12:50 – 14:00</b>	<b>Lunch</b>
<b>14:00 – 14:05</b>	<b>Moderator: Dr. David T. Dyjack</b>
<b>14:05 – 14:25</b>	<b>Prof. Uğur Uslu</b> <i>Selçuk University, Türkiye</i> “Zoonoses ectoparasitic diseases: the one health concept”
<b>14:25 – 14:35</b>	<b>Sauran Yerdessov</b> <i>School of Medicine, Nazarbayev University, Kazakhstan</i> “Time-series analysis and forecasting of viral meningitis in Kazakhstan from 2014 to 2025”
<b>14:35 – 14:45</b>	<b>Emmanuel Idu</b> <i>School of Medicine, Nazarbayev University, Kazakhstan</i> “Assessing the short-term effects of exposure to particulate matter (pm2.5) on emergency hospitalization rate due to respiratory diseases in Astana, Kazakhstan”
<b>14:45 – 15:00</b>	<b>Chichak Aliyeva</b> <i>Azerbaijan Scientific Research Veterinary Institute</i> “The tracking of seasonal dynamics in rabies disease”

<b>15:00 – 15:20</b>	<b>Dr. Bahar Graefen (online)</b> <i>Department of Pharmaceutical Sciences, College of Pharmacy, Chicago State University, USA</i> “Gpteacher: exploring the effectiveness of chatgpt in public health education”
<b>15:20 – 15:50</b>	<b>Coffee Break / Poster Session</b>
<b>15:50 – 16:05</b>	<b>Ramila Piriyeva</b> <i>The Ministry of Health of the Republic of Azerbaijan</i> “Relevance of laboratory examination in perfumery and cosmetic products in Azerbaijan”
<b>16:05 – 16:20</b>	<b>Dr. Rustam Rustamov</b> <i>Institute of Physics, Ministry of Science and Education of Azerbaijan Republic</i> “Studying gold adsorbed on graphene supercell as a drug carrier for anticancer drug $\beta$ -lapachone”
<b>16:20 – 16:30</b>	<b>Ana Barati</b> <i>Khazar University, Azerbaijan</i> “Insight into Covid-19 and malaria in pregnant women and children: analyzing the hydroxychloroquine and covid vaccine interaction”
<b>16:30 – 16:40</b>	<b>Dr. Elhan Babayev</b> <i>Biological-Radiological Scientific Center, Azerbaijan</i> “The study of the effectiveness of the biologically active substance named "Antibrucella" against animal brucellosis”
<b>16:40 – 17:00</b>	<b>Q&amp;A session</b> <b>Conclusion for Public Health, Diseases Control, and Prevention Strategies Session</b>
<b>17:00– 17:10</b>	Closing Remarks
<b>17:10– 17:30</b>	Certificate / Photos

NOTE: