



PROGRAM
1st International Conference
One Health
Problems & Solution

★ Baku



June 1-2, 2018
Baku, Azerbaijan



PROGRAM
International Conference
One Health: Problems & Solution



KHAZAR UNIVERSITY

1-2 June 2018

Baku, Azerbaijan

SUPPORTED BY



Co-funded by the
Erasmus+ Programme
of the European Union

A graphic element above the word NIZAMI, consisting of a blue leaf-like shape, a red leaf-like shape, and a green leaf-like shape, with a white star in the center.
NIZAMI



ORGANIZING COMMITTEE

Assoc. Prof. Irada Khalilova – Conference Chair, Vice-Rector for Research Khazar University

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

Moozhan Serpoush, Khazar University

Kushvar Mammadova, Azerbaijan State Agricultural University

Hafiz Osmanov, Azerbaijan Medical University

Mushfig Orujov, Azerbaijan Medical University

Ozal Mammadli, Khazar University

Samira Orujova, Khazar University

Elnur Safarov, ANAS Institute of Geography-Oceanology

SCIENTIFIC COMMITTEE

Prof. Mohammad Shahbazi (Jackson State University)

Prof. Mehmet Rüştü Karaman (Founder of the Technology Development Zone, Food and Agriculture Technocent, Ankara University)

Prof. Ali Azghani Visiting Professor, Khazar University - Fulbright (University of Texas at Tyler)

Prof. Alexander Sukhinin (St. Petersburg State Academy of Veterinary Medicine)

Prof. Anar Agaev (Azerbaijan Medical University)

Assoc. Prof. Francis Schaffner (University of Zurich)

Assoc. Prof. Irada Khalilova (Khazar University)

Assoc. Prof. Javid Ojaghi (Institute of Genetic Resources, AMEA)

Asst. Prof. Robert Jecklin Visiting Professor, Khazar University - Fulbright Scholar (University of Wisconsin)

Asst. Prof. Ali Artaman (University of Manitoba)

Asst. Prof. Alireza Golnaraghi (Islamic Azad University)

Asaf Omarov, PhD, DVM (Ministry of Agriculture of the Republic of Azerbaijan)

Rovshan Abbasov, PhD (Khazar University)

David Dyjack, PhD, CIH (Executive Director of the National Environmental Health Association, Colorado)

Mzia Kutateladze, PhD (G. Eliava Institute of Bacteriophages, Microbiology and Virology, Georgia)



Conference Chair

Assoc. Prof. Irada S. Khalilova is Vice-Rector for Research and acting Head of Department of Biological Sciences at the School of Education, Khazar University, Azerbaijan. She received her MSc degree in Molecular Biology and Biophysics from Azerbaijan State University, a PhD in Allergology and Immunology from the Azerbaijan Medical University and had a postdoctoral training in biochemistry and immunology at the Research Centre of Cardiology in Russia and Otago University in New Zealand. Throughout her career she has worked as a Senior Research Scientist at Immunochemistry Group, Department of Biochemistry, Azerbaijan Medical University, then as a Research Scientist in the Centre for Free Radical Research, Department of Pathology, Otago University, New Zealand. A primary focus of her research is investigating reactive oxidant production during inflammation, its impact on biological damage and the consequences for disease pathology.

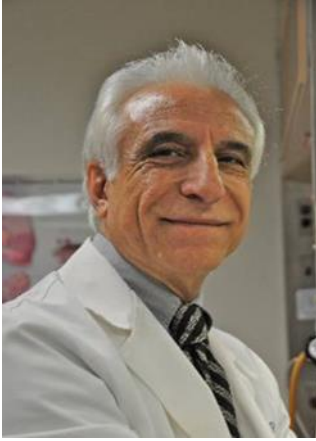
PANEL MEMBERS



David T. Dyjack, Dr.PH, CIH is Executive Director & CEO of the 7,000 member National Environmental Health Association (NEHA), a position he has held since May 2015. He contributes to many national and international advisory committees in public health covering the broad menu of capacity building initiatives inclusive of adult continuing professional education, formal academic degrees, emergency preparedness, & environmental health. Throughout his career Dave has worked in over 50 countries, most recently in the Congo, South Sudan, and post-earthquake Haiti. Under his leadership, NEHA has established a presence in Washington D.C. in support of efforts to influence national policy, launched a new learning management system and new client relations management system, among other association improvements intended to provide NEHA members world-class service. Dr. Dyjack earned a doctorate in public health from the University of Michigan, an MSPH from the University of Utah, and is a board certified industrial hygienist (CIH).



Asst. Prof. Robert Jecklin teaches students about public health, health care, and aging at the University of Wisconsin-La Crosse where he completed an undergraduate degree in School Health Education in 1973; thereafter he completed a Master of Public Health degree at the University of Minnesota and Doctor of Philosophy in Educational Leadership and Policy Analysis at the University of Wisconsin-Madison in 2007. He researches the influence of education on population health, and before entering academia, he spent thirty years in public health and health care settings improving population health.



Prof. Ali Azghani earned his Ph.D. in Microbiology from Texas Woman's University and received his B.S. in Medical Technology at the University of Tabriz, Tabriz, Iran. He currently serves as a Professor in the Department of Biology at The University of Texas at Tyler. Dr. Azghani's research involves bacterial-host cell interactions in the context of infection processes in cellular and molecular level. In addition to cell culture techniques, his lab has developed a couple of animal models to identify the parameters involved in epithelial permeability and lung edema, pulmonary infections in cystic fibrosis, acute nosocomial pneumonia, and pleural injury. Moreover, in collaboration with Dr. Omri in Canada, his lab is investigating the safety and efficacy of novel liposomal antibiotic formulations in the treatment of multidrug resistant bacterial infections. His collaborative research efforts have been published in over 50 peer-reviewed articles and book chapters. His biomedical research has been supported by several federal and private agencies including The National Institute of Health, The American Heart, and The American Lung Associations in the past. Dr. Azghani's current research is funded by the NIH and the Fulbright Scholar award to Azerbaijan.



Prof. Mohammad Shahbazi is medical anthropologist with diverse research interests. He is currently serving as the interim dean of School of Public Health at Jackson State University. Professor Shahbazi received his PhD on Cultural Anthropology from Washington University in St. Louis. He completed his MPH in International Family Health from the UCLA. Professor Shahbazi has authored and or co-authored numerous publications in various journals and books. His publications reflect his research interests in diverse public health related topics. He has served as reviewers and on editorial boards. He is the recipient of many awards including diversity award in the State of Mississippi and the Fulbright Award.

Research Interest:

Professor Shahbazi has a diverse academic and cultural backgrounds. As such he also has a diverse research interests including stroke, women- minority- and schoolchildren-health. He has conducted anthropological fieldwork in the Middle East and has been featured in the New York Time Magazine with his Health House and Community Health Work Project in Mississippi. His recent research focus has been social determinants of health and oral health.



Prof. Dr. Mehmet Rustu Karaman is founding Rector of Yuksek Ihtisas University in Ankara, Turkey. He has participated many academic meetings held in countries like USA, Europe, Central Asia, Africa, Middle East and other East Countries. Under his general coordinates, many national and international scientific conferences and meetings were organized. Dr. Karaman has formal academic degrees on agriculture, plant nutrition and plant physiology. He has worked on organic agriculture, good agricultural practices, plant physiology, relationships between healthy plant production and healthy life. Apitheraphy and healthy life is also main working areas of him. He is carrying important projects related with apitheraphy and bee products in Technopark Region of Ankara University.



Prof. Mustafa Atasever was born in Pasinler, Erzurum, Turkey and graduated from Veterinary Faculty of Ankara University in 1989. He has completed his Doctoral thesis (Studies on the effects of salting techniques and different acidity values of milk used in civil cheese production) at Selcuk University, Konya, Turkey. Dr. Mustafa Atasever is Chair of the Department of Food Science and Technology at Veterinary Faculty Ataturk University, Erzurum, Turkey. His research activities focus on food microbiology, milk and meat science, food safety, food additives, nutrition and sport nutrition, and veterinary public health. His research interests are food microbiology, Public Health, food technology, food chemistry, food safety nutrition and sport nutrition.



Prof. Sukhinin Alexander Aleksandrovich is the first vice-rector for teaching and educational work of the St. Petersburg State Academy of Veterinary Medicine. He graduated from the Veterinary Department of the Leningrad Veterinary Institute. He studied at the graduate school of the All-Union Scientific Research Veterinary Institute of Poultry, worked as a senior researcher in the department of virology and tumor diseases of poultry. From 1993 to 2000 years, headed the production of vaccines against Marek's disease, infectious bursal disease, viral enteritis of geese and poultry tenosynovitis. He knows methods of cultivating cell cultures and viruses. Since 2000 - Associate Professor, and since September 2003 - Head of the Department of Microbiology, Virology and Immunology, St. Petersburg State Medical University. In 2004 he successfully defended his doctoral thesis on biotechnology for the preparation of vaccines for the prevention of infectious diseases of poultry in the Technological Institute (Technical University). He is a member of the Academic Council of the Academy, chairman of the Dissertation Council of the Academy for the Defense of Doctoral and Candidate Dissertations.



Francis Schaffner, French, PhD, is a medical and veterinary entomologist, focusing first on mosquitoes, but also on biting midges, sand flies, and biting flies. He devoted the first part of his career to sustainable mosquito control and to mosquito taxonomy in France, first in Alsace, later on the Mediterranean coast. From 2007 to 2013, he was working at the University of Zurich, Switzerland, Institute of Parasitology, developing research and surveillance programmes of insect vectors. He remains associate researcher at that Swiss institute. He also worked from 2009 to 2016 for Avia-GIS, a Belgian company that is developing tools for surveying vectors. Since 2016, Francis is working as freelance consultant, mainly supporting international bodies (ECDC, EFSA, WHO) and national authorities to develop networking (e.g. VectorNet), performing needs assessments and designing risk management plans for vector-borne diseases. Francis has now 33 years of experience in surveillance, control, taxonomy, ecology of insect vectors and transmission of human and animal vector-borne disease pathogens, in Europe but also in EU Overseas Countries and Territories, Middle East and Northern Africa. He is a leader in mosquito taxonomy and in management of invasive mosquitoes, and throughout his career he devoted much time to training and capacity building.



Ali (Al) Artaman, MD PhD MHA, is an epidemiologist with years of experience in clinical, public and global health epidemiology. He is an Assistant Professor at the University of Manitoba (Canada), and an expert for the Global Burden of Disease Study (University of Washington). He had previously worked as a director in the government sector, researcher in the academia, and consultant in the private sector. He was recently a WHO (IARC) collaborator, and a visiting professor at Walailak University (Thailand).



Sheyda Shikhaliyeva, PhD, has completed the Biology Department of Azerbaijan State University (1993). She has completed her PhD at the age of 37 years from Azerbaijan State Post-Graduate Institute for Doctors named after A.Aliyev. She is the deputy director of Azerbaijan Republican Anti-Plague Station. She has published more than 30 papers in reputed journals and has been a secretary of the Azerbaijan National Technical Group of Experts on Immunization (NTGEI).

Friday, 1 June 2018

8:30-9:00 AM	Conference Check-In Marble Hall, 5 th floor
9:00 – 9:25	Welcome and Opening Keynote by: Irada Khalilova, PhD - <i>Conference Chair, Vice-Rector for Research, Khazar University, Azerbaijan</i> Hamlet Isakhanli, PhD - <i>Founder of Khazar Unive Azerbaijan</i> Chris Golden, PhD, MPH - <i>Associate Director Planetary Health Alliance, Harvard University, USA</i> - “Welcome Video”
9:25 - 9:30	SESSION I: PUBLIC HEALTH Moderator: Robert Jecklin, PhD, MPH <i>Visiting Professor, Khazar University - Fulbright Scholar Assistant Professor of Department of Health Education and Health Promotion, University of Wisconsin, La Crosse, USA</i>
9:30 - 10:15	Mohammad Shahbazi, PhD MPH, MCHES <i>Interim Dean, School of Public Health, Jackson State University, Jackson, Mississippi, USA</i> Zahra Sarraf Shahbazi, MD <i>Jackson State University, Jackson, Mississippi, USA / Shiraz University of Medical Sciences, Iran</i> “Public Health and evidence-based integrated Primary Health Care: Community Health workers and Health Houses in Mississippi”
10:15 – 10:45	Ali Artaman, PhD, MD, MHA <i>Assistant Professor, University of Manitoba, Winnipeg, Canada</i> “Epidemiological Innovation: Epi Network”
10:45 – 11:05	Evgeniy Gelfgat, PhD, MD <i>Honored Scientist of the Republic of Azerbaijan</i> “The Health: Reality and its Prospects”
11:05 – 11:30	Coffee Break / Poster Session
11:30 – 12:00	Mustafa Atasever, PhD, DVM <i>Professor, Department of Food Science and Technology, Veterinary Faculty, Atatürk University, Erzurum, Turkey</i> “Veterinary Public Health and Food Safety”

12:00 – 12:20	Narmin Aliyeva, MD <i>Projects Coordination Department, Public Health and Reforms Center, Ministry of Health of Azerbaijan Republic</i> “A survey on healthy nutrition among schoolchildren”
12:20 - 12:40	Elgun Valiyev, MSc <i>Consultant of the Ministry of Transport, Communications and High Technologies of the Republic of Azerbaijan</i> “Role of Open Data on Health – <i>Health Data</i> for Azerbaijan”
12:40 – 13:00	Q & A / Conclusion for Public Health Session
13:00 -14:00	Lunch
14:00 -14:05	SESSION II: ANTIMICROBIAL RESISTANCE Moderator: Nina Tchanishvili, PhD
14:05 – 14:50	Ali O. Azghani, PhD <i>Visiting Professor, Khazar University - Fulbright Scholar Professor, Dept. of Biology, University of Texas at Tyler, Tyler, Texas, USA</i> “One Health Approach to minimize the emergence and spread of Antibiotic Resistant bacteria in Azerbaijan”
14:50 – 15:30	Aleksandr Sukhinin, PhD, DVM <i>Vice-Rector for Academic Affairs of the Federal State Budget Educational Institution of Higher Education, Head of Department of Microbiology, Virology, and Immunology of St. Petersburg State Academy of Veterinary Medicine, Russia</i> “Microbiological (diagnostic) control of infectious diseases common to animals and humans”
15:30 – 15:50	Coffee Break / Poster Session
15:50 – 16:10	Asaf M Omarov, PhD, DVM <i>Head of Department of Animal Development, Ministry of Agriculture of the Republic of Azerbaijan</i> “Identification of antibiotic resistance genes and bacteria from slaughtered and retail chickens in Azerbaijan”

16:10 – 16:30	<p>Rita Ismayilova, PhD, MD <i>Deputy Chief of Republican Anti-Plague Station, Azerbaijan</i> “Ecological and epidemiological study of <i>Francisella Tularensis</i> in Gusar and Khachmaz regions in the Northern part of Azerbaijan”</p>
16:30 – 16:50	<p>Sabina Ibrahimova, PhD, MD <i>Head of Laboratory of the Research Department, Republic Anti-Plague Station, Azerbaijan</i> “Enteric infections caused by <i>NAG-Vibrios</i> in Azerbaijan in 2016-2017”</p>
16:50 – 17:10	<p>Nigar Mutalibova, PhD, MD <i>Head of Department of Microbiology and Epidemiology, Azerbaijan State Advanced Training Institute for Doctors</i> “Assessment of Laboratory Diagnostics and Surveillance System for Enteric Infections”</p>
17:10 – 17:30	<p>Sabina Asadova, MD <i>Head of Serology Department, Republican Anti-Plague Station, Azerbaijan</i> “Characterization of <i>Brucella Spp.</i> in Azerbaijan, 2014”</p>
17:30 – 18:00	Q & A / Conclusion for <i>Antimicrobial Resistance Session</i>

Saturday, 2 June 2018

9:00 – 9:05	SESSION III: ECOSYSTEM HEALTH Moderator: Irada Khalilova, Ph.D.
9:05 – 9:50	David Dyjack, PhD, CIH <i>Executive Director, National Environmental Health Association, Denver, Colorado, USA</i> "100 years of solitude, revisited"
9:50 – 10:20	Francis Schaffner, PhD <i>Expert, Medical and Veterinary Entomology, National Centre for Vector Entomology, Institute of Parasitology, Zürich, Switzerland.</i> "Mosquito-borne diseases in Europe and beyond: where are we, where do we go?"
10:20 – 10:40	Emre Evlice, PhD <i>Head of Entomology Department, Plant Protection Central Research Institute, Ankara, Türkiye.</i> "Plant Health practices in Turkey"
10:40 – 11:00	Mahluga Yusifova, PhD <i>Professor, Faculty of Ecology and Soil Science, Baku State University, Azerbaijan</i> "Impact of atmospheric pollution on human's health in Azerbaijan"
11:00 – 11:20	Coffee Break (poster session)
11:20 – 11:35	Rovshan Abbasov, PhD <i>Head of Department of Geography and Environment, Khazar University, Azerbaijan</i> "Salyan DDT remediation project: a window for future opportunities"
11:35 – 11:50	Dilzara N. Aghayeva, PhD <i>Head of Mycology Lab, Institute of Botany, Azerbaijan National Academy of Sciences</i> "Fungal community of forest ecosystem in Azerbaijan"
11:50 – 12:05	Turkan Karim-zada, MSc <i>Head of the Sector of Organization of Monitoring of the Environment and Natural Resources, National Monitoring Department on Environment, Ministry of Ecology and Natural Resources of Azerbaijan</i> "Environmental protection – Focus on air quality"

12:05 – 12:20	Mehraj Abbasov, PhD <i>Deputy Director of Scientific Issues, Genetic Resources Institute of the Azerbaijan National Academy of Sciences</i> “Implementation of multiplex amplicon sequencing in bread wheat using next generation sequencer”
12:20 – 12:30	Moozhan Serpoush, PhD Candidate <i>Department of Biological Sciences, Khazar University, Azerbaijan</i> “Molecular structure and phylogenetic relationships of Azerbaijan local barley accessions”
12:30 – 12:40	Gullar Gadimaliyeva, PhD Candidate <i>Genetic Resources Institute of the Azerbaijan National Academy of Sciences</i> “Effects of drought stress on yield components of synthetic wheat accessions”
12:40 – 13:00	Q & A / Conclusion for <i>Ecosystem Health Session</i>
13:00 – 14:00	Lunch
14:00 - 14:05	SESSION IV: ONE HEALTH APPROACH Moderator: Ali Azghani, Ph.D.
14:05 – 14:50	Nina Chanishvili, PhD <i>Head of Research & Development Department, G. Eliava Institute of Bacteriophages, Microbiology, and Virology, Tbilisi, Georgia</i> "Phage therapy as a tool for One Health Approach"
14:50 – 15:20	Mehmet Rüştü Karaman, PhD <i>Founder of the Technology Development Zone, Food and Agriculture Technocent, Ankara University, Turkey</i> “New apitherapy product of Bio Perga produced from bee bread and its potential health benefits”
15:30 – 15:50	Coffee Break / Poster Session
15:50 – 16:10	Eldar Hasanov, PhD, DVM <i>Head Adviser, Department for Agrarian Policy Issues, The Administration of the President of the Republic of Azerbaijan</i> “Rabies risk factor assessment of agricultural animals in Azerbaijan, 2014-2016”

16:10 – 16:30	<p>Yegana Sultanova, PhD Candidate, MD <i>Entomologist, Republican Anti-Plague Station (RAPS), Azerbaijan</i> “Comparative evaluation of the distribution of mosquito vectors in Azerbaijan”</p>
16:30 – 16:50	<p>Babak Alibayov, PhD <i>Deputy Head, Risk Management Department, The Republic of Azerbaijan Food Safety Agency</i> “Enhancing Food Safety: the role of the Azerbaijan Food Safety Agency”</p>
16:50 – 17:00	<p>Aynur Safiyeva, PhD Candidate, MD <i>Azerbaijan Medical University</i> “Endoscopic intervention in diminutive colorectal polyps”</p>
17:00 – 17:10	<p>Konul Hasanova, PhD Candidate <i>Senior Sales Specialist, Alliance Global Group, Dubai, UAE</i> “qPCR in the scientific, food, and clinical research”</p>
17:10 – 17:20	Q & A / Conclusion for <i>One Health Approach Session</i>
17:20 – 17:40	Closing remarks by Panel Members
17:40 – 18:00	Certificates / Photos

