



**İSTANBUL AYDIN
ÜNİVERSİTESİ**



İSTANBUL AYDIN ÜNİVERSİTESİ
KBRN
Kimyasal, Biyolojik, Radyolojik Ve Nükleer Tehditler
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İSTANBUL CBRN DAYS



20-21Ekim 2023

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**The event is organized in collaboration with
Environment and Human Health Center of Istanbul Aydın University
&
the CBRN Defense Policy Development Association**

Location: Istanbul Aydın University Florya (Halit Aydın) Campus

SYMPOSIUM SCIENTIFIC PROGRAM

20th OCTOBER 2023 (1ST DAY)	
10.00-10.30	REGISTRATION
10.30-11.00	Minute of Silence and National Anthem Opening Speeches:
	Assoc. Dr. Mustafa AYDIN and/or Chairman of the Board of Trustees of Istanbul Aydin University Prof. Dr. Yedigâr İZMİRLİ Rector of Istanbul Aydin University Prof. Dr. Mehmet Reşat BAŞAR Vice Rector of Istanbul Aydin University Prof. Dr. Selçuk KILIÇ Head of Medical CBRN Department of Health Sciences University
11.00-12.30	1.- Panel-I CBRN THREAT and GENERAL APPROACH Session Chairs:
	Prof. Dr. Zafer ASLAN Vice Rector of Istanbul Aydin University Prof. Dr. Levent KENAR Chairman of CBRN Defence Policy Development Association, Faculty Member of Medical CBRN Department at Health Sciences University, Vice President of TESPAM.
11-00-11.20	CBRN Threat and General Approach to CBRN Incidents Worldwide and in Turkey Prof. Dr. Levent KENAR President of CBRN Defense Policy Development Association, Faculty Member of Medical CBRN Department at Health Sciences University, Vice President of TESPAM.
11.30-11.50	CBRN Defense Organization and Activities Conducted in Our Country and Worldwide Assoc. Prof. Dr. Şükrü YORULMAZ Head of Disaster and Emergency Management Department, Ministry of Health.
12.00-.12.20	CBRN Defense Activities at Ministry of National Defense Dr. Burçak ÇABUK Head of CBRN Defense Department at Ministry of National Defense
12.30-13.30	LUNCH BREAK
13.30-15.30	Panel-II: BIOTERRORISM AGENTS, ADVANCES IN DIAGNOSIS AND TREATMENT Session Chairs:
	Prof. Dr. Selçuk KILIÇ Head of Medical CBRN Department at Health Sciences University. Prof. Dr. Mustafa Tunaya KALKAN Faculty Member and Head of Biophysics Department, Istanbul Aydin University, Faculty of Medicine.
13.30-13.50	BIOTERRORISM: Yesterday, Today, and Tomorrow Prof. Dr. Selçuk KILIÇ Head of Medical CBRN Department at Health Sciences University
14.00-14.20	Recent Developments in Protection, Diagnosis, and Treatment Methods Against Biological Warfare Agents Assoc. Prof. Dr. Mesut ORTATATLI Faculty Member of Medical CBRN Department at Health Sciences University
14.30-14.50	Recommendations for Mechanical Ventilation Systems to Prevent the Spread of Dangerous Airborne Viruses like COVID-19 in High-Rise Buildings Dr. Alpay AKGÜÇ Faculty Member at Istanbul Aydin University, Faculty of Architecture
15.00-15.20	Comparison of the Effectiveness of Quantitative RT-PCR Sub-Methods in COVID-19 Diagnosis Yakup ARTIK Deputy Manager of ArtikalLab Biotechnology, Genetic Engineer, and Biomedical Engineer
15.30-16.00	COFFEE & TEA BREAK
16.00-17.30	PANEL-III: NUCLEAR THREAT and DEFENSE Session Chairs:
	Prof. Dr. Beril TUĞRUL Istanbul Technical University Assoc. Dr. Mesut ORTATATLI Faculty Member of Medical CBRN Dept. at Health Sciences University
16.00-16.20	Assessment of Nuclear Threat from Global and Regional Perspectives Prof. Dr. Beril TUĞRUL Istanbul Technical University
16.30-16.50	Global Nuclear Trends and Threats Oğuzhan AKYENER President of TESPAM (Türkiye Center for Energy Strategies and Policies Research)
17.00-17.20	Nükleer ve Radyasyon Risklerinde Güncel Tanı ve Tedavi Uygulamaları Assoc.Prof.Dr. Hatice Aslı AYAN EKE Faculty Member of Nuclear Medicine Department at Health Sciences University
17.30-18.00	Day 1 Comments, Q&A, Remarks Prof. Dr. Levent KENAR Süreyya KUMRU Istanbul Aydin University Environment and Human Health Center Director Assistant, Neuroscience PhD Thesis Student

21st October 2023 (2nd day)

11.00-12.30	PANEL-IV: CBRN CHEMICAL THREAT AND DEFENSE ORGANIZATION Session Chairs: Prof. Dr. Selçuk KILIÇ Head of Medical CBRN Department at Health Sciences University Dr. Esra Ergün ALIŞ Specialist in Infectious Diseases and Microbiology at Istanbul Aydın University Medical Park Hospital
11.00-11.20	Chemical Threat and Current Perspectives on Chemical Weapons Prof. Dr. Levent KENAR - Chairman of CBRN Defense Policy Development Association, Faculty Member of CBRN Department at Health Sciences University, Vice President of TESPAM
11.30-11.50	Organization and Risk Management for CBRN Incidents in Turkey, Chemical Defense Structure Selim KARAOĞLAN- National Medical Rescue Team (UMKE)
12.00-12.20	Medical Approach to Chemical Incidents Uzm. Dr. Bengü MUTLU SARIÇİÇEK- Emergency Medicine Specialist at Istanbul Provincial Health Directorate Kartal Dr. Lütfi Kırdar City Hospital, Doctoral Student in Medical CBRN Programme
12.30-13.30	LUNCH BREAK
13.30-15.00	PANEL V: CBRN DISASTERS CRISIS MANAGEMENT- 1 Session Chairs: Assoc. Dr. Aynur Şahin Responsible Physician for Toxicology Intensive Care Unit at Istanbul Provincial Health Directorate Başakşehir Çam ve Sakura City Hospital Emergency Medicine Department Assistant Prof. Nurdan YILMAZ Emergency Medicine Specialist at Istanbul Provincial Health Directorate ŞAHİN Kartal Dr. Lütfi Kırdar City Hospital
13.30-13.50	National and International CBRN Legislation Assist. Prof.Pharm.PhD. Neslihan KÜLAHLIOĞLU Faculty Member of Medical CBRN Department at Health Sciences University
14.00-14.20	How Successful Are We in Organizing CBRN Incidents in Rural Regions? Dr. Nefise Büsra ÇELİK Emergency Medicine Department, Kırklareli Training and Research Hospital, Former Director of Kırklareli 112
14.30-14.50	CBRN Incidents from Past to Present Assoc.Prof.Dr. Emel MUSLUOĞLU- TÜBİTAK (The Scientific and Technological Research Council of Turkey)
15.00-15:20	The Forensic Medicine Aspect of CBRN Incidents Prof. Dr. Sadik TOPRAK Istanbul University Faculty of Medicine, Department of Forensic Medicine, Faculty Member
15.30-16.00	COFFEE & TEA BREAK
16.00-17.30	PANEL VI: CBRN DISASTERS CRISIS MANAGEMENT- 2 Session Chairs: Assoc. Prof. Semih KORKUT Emergency Medicine Department at Istanbul Provincial Health Directorate Başakşehir Çam ve Sakura City Hospital Former General Director of Emergency Health Services at the Ministry of Health (2018-2021) Assoc. Prof. Eray ÇINAR General Director of Emergency Health Services, Ministry of Health
16.00-16.20	Emergency Health Services in the CBRN Field Assoc. Prof. Dr. Semih KORKUT Emergency Medicine Department, Basaksehir Çam ve Sakura City Hospital, Istanbul Provincial Health Directorate, Former General Director of Emergency Health Services, Ministry of Health, Turkey (2018-2021)
16.30-.16.50	Emergency Service and Intensive Care Structuring Assoc. Prof. Dr. Avni Uygur SEYHAN Training Coordinator, Emergency Medicine Department, Kartal Dr. Lütfi Kırdar City Hospital, Istanbul Provincial Health Directorate, Former General Director of Public Hospitals (2020-2022)
17.00-17.20	Usable CBRN Products Altan ATIK, Istanbul Aydın University Faculty of Architecture, Industrial Design
17.30-18.00	EVALUATION OF OVERALL MEETING AND CLOSING REMARKS Prof. Dr. Levent KENAR Süreyya KUMRU All Participants