

# MENATOX CONFERENCE 2024

[www.menatoxconference.com](http://www.menatoxconference.com)



**08-11  
February  
2024**

Novotel Al Bustan  
Abu Dhabi  
(United Arab  
Emirates)

Prepared by  
Middle East and North  
Africa Clinical  
Toxicology Association

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# Program Overview - Accredited for 26.5 CPD Hours



The Middle East and North Africa Clinical Toxicology Association (MENATOX) recently held its annual scientific meeting and conference from February 8th to 11th, 2024, at the Novotel Abu Dhabi Al Bustan, United Arab Emirates.

## Program Highlights

MENATOX 2024 featured a comprehensive program with three tracks and various workshops, delving into a broad range of topics in clinical toxicology. Attendees engaged in sessions covering Critical Care, Emergency Medicine, Pediatrics, Occupational and Environmental Exposures, Drugs of Abuse, CBRNE Hazards, and Analytical Toxicology.

## Specialized Workshops

The conference offered a range of specialized workshops, including medical toxicology for residents in-training, Safe Management of Chemicals, Biomonitoring, and Environmental Chemicals of Concern, a research and poison information center training workshop by the UK NIHR RIGHT4 Group, snake and scorpion envenomations, and pesticide poisoning prevention.

## Event Supporters

MENATOX 2024 received invaluable support from key sponsors, including the Abu Dhabi's Department of Health as the Diamond Sponsor; the Department of Culture and Tourism – Abu Dhabi as the Destination Partner; and as endorsed by the Emirates Society of Emergency Medicine (ESEM), and the Emirates Collaboration for Residents in Emergency Medicine (ECREM). The meticulous logistics and planning were expertly handled by Wide Conferences and Exhibitions.

In retrospect, MENATOX 2024 stands as a testament to the convergence of knowledge, collaboration, and innovation in the field of clinical toxicology.



# MENATOX 2024

## Organizing Committee



**Badria Alhatali, MD**

Chair, MENATOX 2024  
President, MENATOX



**Ziad Kazzi, MD**

Chair, Organizing Committee  
Past President, MENATOX



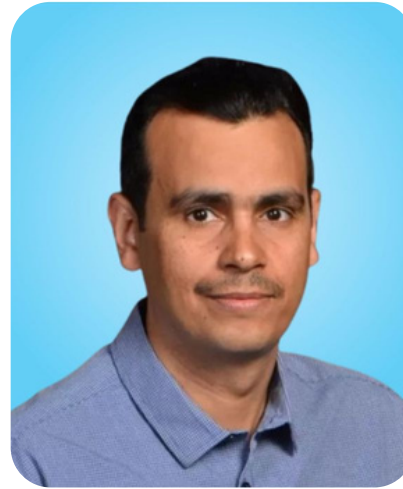
**Nadeem Alduaij, MD, MPH**

Chair, Scientific Committee  
Past President, MENATOX

# MENATOX Board of Directors



**Dr. Badria Alhatali**  
President



**Dr. Nahar Al Rewaili**  
Treasurer



**Dr. Waleed Awad Salem**  
Secretary



**Dr. Bruno Megarbane**  
Member at Large



**Dr. Aynur Sahin**  
Member at Large



**Dr. Muhammad Elamin**  
Member at Large



**Dr. Ziad Kazzi**  
Past President

# Scientific Program



8 - 11 February 2024  
Novotel, Abu Dhabi Al Bustan

## SCIENTIFIC PROGRAM

Day 1 Pre-Conference Workshops Thursday, 8 February 2024

Toxicology for Residents in Training: Roundtable Discussions and Simulation Session (Hall A)			Safe Management of Chemicals, Biomonitoring, and Environmental Chemicals of Concern: Collaborations between Poison Information Centres, Clinical Toxicology, Public and Environmental Health, and the Laboratory (Hall B)						
Time	Topic	Speaker	Time	Topic	Speaker				
08:00- 08:20	GI Decontamination and Enhanced Elimination in the ED	<b>AlYaqdhan Alatbi</b>	09:00-09:10	Welcome and Background	<b>Badria Alhatali, Nadeem Alduaij, Ziad Kazzi</b>				
08:20 - 08:40	Management of an Acute Paracetamol Overdose	<b>Duaa Al Lawati</b>							
08:40- 09:00	Alcohol Withdrawal Management	<b>Afra Alsuwaidi</b>	09:10- 09:40	Safe Management of Chemicals, Poison Information Centers, and Chemicals of Concern	<b>Mazen Malkawi</b>				
09:00- 09:20	Evidence-based Management of Caustic Injury	<b>Ahmed Al Sakha</b>	09:40 - 10:10	Identification and measurement of environmental toxins	<b>Grzegorz Brudecki</b>				
09:20 - 09:40	Oral Hypoglycemic Overdose	<b>Samia Ghennai</b>	10:10 - 10:40	Overview of the United States CDC National Center for Environmental Health Laboratory and Analytical Toxicology	<b>Jerry Thomas</b>				
09:40 - 10:00	Q & A								
10:00 - 10:20	Coffee Break		10:40-11:10	Coffee Break					
Time	Simulation Sessions						Round Table Discussion		
	Room 3	Room 4	Room 5	Discussion A	Discussion B	Discussion C	11:10 - 11:40	The Environmental Ecosystem in Abu Dhabi	Ruqaya Mahmoud Mohamed
	Sleepy Hollow - Al Yaqdhan Al Atbi - Munaa Dashti	Envenomation - Musa Alfaifi - Maryam Alnuaimi	Explosive Incident - Suad Al Sulaimani	Tox ACLS: Ahmed Al Sakha	Hot and wild - Hassan Al Balushi	Altered and Short of Breath - Fatma Al Balushi			
10:20- 11:00	1st Session	1st Session	1st Session	1 <sup>st</sup> Round Table Discussion	1 <sup>st</sup> Round Table Discussion	1 <sup>st</sup> Round Table Discussion	11:40 - 12:10	Longitudinal Studies and Environmental Biomonitoring: The United States National Health and Nutrition Examination Survey (NHANES) Example	<b>Jerry Thomas</b>
11:00 - 11:40	2 <sup>nd</sup> Session	2 <sup>nd</sup> Session	2 <sup>nd</sup> Session	2 <sup>nd</sup> Round Table Discussion	2 <sup>nd</sup> Round Table Discussion	2 <sup>nd</sup> Round Table Discussion			
11:40 - 12:20	3 <sup>rd</sup> Session	3 <sup>rd</sup> Session	3 <sup>rd</sup> Session	3 <sup>rd</sup> Round Table Discussion	2 <sup>nd</sup> Round Table Discussion	3 <sup>rd</sup> Round Table Discussion			
12:20-13:20	Lunch Break								

# Scientific Program

Time	Simulation Sessions						Round Table Discussion		
	Room 3	Room 4	Room 5	Discussion A	Discussion B	Discussion C	1:30 - 14:30	Environmental Influences on Child Development	Khadija Alshehhi
	Sleepy Hollow - AlYaqdhan Al Atbi - Waqar Gaba	Envenomation- Musa Alfaifi - Fatma Aljabri	Explosion Incident Shafeek Kiblawi	Tox ACLS- Tasnim Mohamed	Hot and Wild - Anzal Rehman	Altered and Short of Breath- Ahmed Al Sakha			
13:20 - 14:00	1 <sup>st</sup> Session	1 <sup>st</sup> Session	1 <sup>st</sup> Session	1 <sup>st</sup> Round Table Discussion	1 <sup>st</sup> Round Table Discussion	1 <sup>st</sup> Round Table Discussion	14:30 - 15:00	Pesticides Primer for Clinical Toxicologists and Public Health Professionals: Proper Selection, Characteristics, and Safe Applications	Evelyn Lusenaka
14:00 - 14:40	2 <sup>nd</sup> Session	2 <sup>nd</sup> Session	2 <sup>nd</sup> Session	2 <sup>nd</sup> Round Table Discussion	2 <sup>nd</sup> Round Table Discussion	2 <sup>nd</sup> Round Table Discussion			
14:40 - 15:20	3 <sup>rd</sup> Session	3 <sup>rd</sup> Session	3 <sup>rd</sup> Session	3 <sup>rd</sup> Round Table Discussion	2 <sup>nd</sup> Round Table Discussion	3 <sup>rd</sup> Round Table Discussion			
15:20 - 15:35	<b>Lunch Break</b>								
15:35- 16:30	Toxicology Jeopardy – Tasnim Mohamed – Sania Zia			Special Practical Session - Wet and Dry Decontamination Facilitators: <b>Peter Akpunonu, Erika Havelka, Riley Jones, and Tim Conley</b>			15:30 - 16:00	Clinical Toxicology and Poison Centre Perspectives on the WHO Chemicals of Concern and Safe Management of Chemicals	Ziad Kazzi
							16:00 - 16:30	The Role of Forensic Laboratories in Clinical Toxicology	Manal Ali Al Hefeti'
04:30-05:30	MENATOX Annual Business Meetings: All Members and Guests are Invited to Attend and Learn about the MENATOX Activities over the Past Year (Non-CME Activity) - Hall B								
Baria Alhatali (President)   Ziad Kazzi (Past-President)   Waleed Awad (Secretary)   Aynur Sahin and Bruno Megarbane, Nahar Alruwaili, Muhammad Elamin (Board Members)   Tharwat El Zahran (Research Committee)									

Organizers: **Afra Alsuwaidi, Tasnim Ahmed, Al Yaqdhan Al Atbi, and Duaa Al Lawati**

Organizers: **Badria Alhatali, Nadeem Alduaij, Ziad Kazzi**

# Scientific Program

Day 2 Friday, 9 February 2024

Time	Track A (Hall A)		Track B (Hall B)		Track C (Mezzanine)
08:30-10:00	Substance Use Disorder Chair: Nadeem Alduaij and Fatma Albalushi		International Toxicology Organizations Chair: Ziad Kazzi		
	Topic	Speaker	Topic	Speaker	
08:30-08:50	Novel Psychoactive Substances	Hawraa Sajwani	$\Delta 8$ -THC versus $\Delta 9$ -THC: Legal Status, Use, and Safety Concerns	Peter Akpunonu (ACMT)	
08:50-09:10	Persistent Complex Opioid Dependence versus Addiction in Patients who Suffer from Chronic Pain Conditions	Fatma Al Balushi	The Euro-DEN Plus Project and potential for data collection in the MENATOX Region	Paul Dargan (EAPCCT)	
09:10-09:30	Fostering Mental Health in the UAE: The Sakina Project	Nahida Ahmed	The Journey of AACT and poisonings in the United States	Stephanie Hon (AACT)	
09:30-09:50	Differentiating a Psychotic Patient from a Toxicological Exposure in the Clinical Setting	Matthew Dernbach	National survey: Assessment of the exposure to agropesticides among farmworkers in Morocco	Imane Iken (Morocco Poison Center)	
09:50-10:00	Q & A		Q & A		
10:00-10:30	Break / Networking				
10:30-11:15	<b>Keynote Presentation: America's Poison Centers: Promising Lessons for the EMRO Countries</b> <b>Dr. Alvin Bronstein</b> (President Elect, America's Poison Centers, Chief of Emergency Medical Services and Injury Prevention System Branch, Department of Health, State of Hawaii, US)				
11:15-12:00	Opening Ceremony				
12:00-12:30	Exhibition & Posters Tour				
12:30-13:30	Lunch / Prayers				
13:30-15:30	Hall A Advanced Toxicology 1 Chair: Bruno Megarbane		Hall B Pediatric Toxicology Chair: Maher Nahari / Badria Alhatali		Toxicology, Poison Information Centers and More Chair: Nadeem Alduaij and Ziad Kazzi Mezzanine Rooms 3-4
13:30-13:50	Nitrous Oxide-Related Peripheral Neuropathy: Mechanisms and Management	Paul Dargan	Pyrethroid Toxicity in Children: Risks, Symptoms, and Prevention	Badria Alhatali	Clinical Toxicology in Nepal and Overview of its Newly Formed Poison Information Center Ramu Kharel
13:50-14:10	Toxic Acute Liver Failure in Children: Romanian Experience	Viorela Nitescu	Implications of the New Paracetamol Management Consensus Statement	Michael Mullins	Cluster of Opioid Toxicity in the UK Rizwan Riyaz
14:10-14:30	Diagnosis and practical management of digoxin toxicity: a narrative review and consensus	Kurt Anseew	Household Hazardous Exposures in Children	Suad Al Abri	The HERA Project: Regional model for antidote stockpiling in Europe Elizabeth De Almeida
14:30-14:50	Interpreting Arsenic Concentrations	Sally Bradberry	ECMO in Children	Yazeed Eldos	Poisoning telephone enquiries received by the Military Hospital Drug & Poison Information Centre (DPIC) between 2022-2023 Muhammed El Amin
14:50-15:00	Q & A		Q & A		Q & A
15:00-15:30	Break / Exhibition & Posters				
15:30-16:15	<b>Plenary Session: The US National Poison Data System (NPDS): A Model for EMRO Countries</b> <b>Dr. Alvin Bronstein</b> (President Elect, America's Poison Centers, Chief of Emergency Medical Services and Injury Prevention System Branch, Department of Health, State of Hawaii, USA)				



# Scientific Program

Day 3 Saturday, 10 February 2024

Time	Track A (Hall A)		Track B (Hall B)		Track C (Mezzanine)	
08:30 – 10:00	Intensive Care Toxicology Chair: Aynur Sahin		Innovations in Toxicology Chair: Nadeem Alduaij		State of the Art: CBRNE Injuries Chair: Ziad Kazzi and Suad Alsulaimani	
	Topic	Speaker	Topic	Speaker	Topic	Speaker
08:30 -08:50	Poisoning Severity Predictors for Clinical Decision Support	Aynur Sahin	AI and healthcare	Wael Ameen	Chemical Security in the 21st Century: Chemical Precursors and Beyond	Andrew Nelson
08:50- 09:10	Critical Plant Poisoning in Tunisia	Amira Ben Jazia	The Digital Poison Center	Nadeem Alduaij	Ricin Poisoning: Diagnostic and Therapeutic Advances	Bruno Megarbane
09:10-09:30	A Simplified Interpretation of the Blood Gas in Metabolic Acidosis	Knut Erik Hovda	Social Media Aspects and Clinical Toxicology	Stephanie Hon	Fourth Generation Nerve Agents	Muhammed El Amin
09:30-09:50	Fomepizole to Treat Paracetamol Overdose: When, Why, and How?	Michael Mullins	Q & A		Nuclear Power Plants in Conflict Zones and Beyond: From Ukraine to Japan	Panel Discussion: Ziad Kazzi, Tim Conley and Suad Alsulaimani
09:50- 10:00	Q & A		Sponsored Session: SERB Antidote Portfolio (Non-CME Activity) 10 minutes		Q & A	
10:00 - 10:30	Break / Exhibition & Posters					
10:30 - 12:00	Environmental & Occupational Toxicology Chair: Badria Alhatali and Abdullatif Aloumi		Oral Abstract Presentation Chair: Michael Mullins, Muhammed El Amin 10 minutes per presentation		State of the Art: CBRNE Injuries (Continue) Chair: Ziad Kazzi and Suad Alsulaimani	
10:30 - 10:50	Shared Hazards: CO, CN, and Smoke Inhalation Risks in Firefighters and Mechanics	Abdullatif Aloumi	Scorpion Stings Reported to the UK National Poisons Information Service (NPIS) 2013-2022	Emma Moyns	Detecting Chemicals and Radiation: Where, What and How	Tim Conley
10:50 – 11:10	Hidden Risks in Dry Cleaning: Exploring Toxicology of Trichloroethylene, PERC, and Other Hazardous Hydrocarbons	Leena Amine	Trends in Substance Abuse Exposure Among Adolescents from 2018 - 2023: A 5-Year Retrospective Analysis	Mahiya Nabilla Rosaria Abdul Hamid	Chemical Decontamination Updates from the PRISM Guidelines	Ziad Kazzi
11:10 – 11:20	Q & A		Characterization and Clinical Outcome of Patients Presented with Acute or Chronic Digoxin Toxicity to a Tertiary Care Hospital; A Retrospective Review	Aida Alharsousi	Events in 2023: The Sohar Chlorine Release and the Turkiye and Syria Earthquake	Hassan Al Balushi Aynur Sahin
11:20 – 12:00	Powered Session Hosted By AstraZeneca Management of Bleeding on Oral Anticoagulants Management of Asthma Exacerbations from Chemical Exposures and Air Pollution	Thiagarajan Jaiganesh	Prospective Evaluation of The Prediction of Respiratory Failure In Pesticide Intoxication (PREP) Score In Predicting Respiratory Failure In Patients With Acute Pesticide Poisoning.	Tabiha Binte Hannan	Presentations and Panel Discussion	Suad Alsulaimani Ziad Kazzi Andrew Nelson Badria Alhatali
			The economic burden of acute poisoning – 8-year analysis of direct costs in a pediatric poison center	Andreea Lescaie		

# Scientific Program

			Pattern of Acute Poisoning at Rozh Halat Emergency Hospital-Erbil-Kurdistan-Iraq	Karwan Mohammed		
			Activated Charcoal in GI decontamination: A Retrospective study of Activated Charcoal Overuse in a Single Pediatric Emergency Department	Jenan Salmeen		
			In vivo efficacy of a polyclonal ovine antibody Fab fragment against ricin toxicity	Hossam Embabi		
12:00 - 12:10	Q & A		Q & A		Q & A	
12:10 - 13:30	Exhibition & Posters Lunch / Prayers					
13:30 - 14:00	Exhibition & Posters					
14:00 - 15:30	Advanced Toxicology 2 Chair: Bruno Megarbane and Suad Al Abri		Toxicology Pot Pourri Chair: Muhammed Elamin and Rawan Eskandrani		Medical Toxicology Education Track Chair: Waleed Salem and Nadeem Alduajj	
14:00- 14:20	Pre-hospital Flumazenil	Michael Eddleston	Caustic Injury in Children	Ashish Bhalla	Medical Toxicology Fellowships in the Arab World: The MENATOX Journey	Ziad Kazzi, Badria Alhatali
14:20- 14:40	Pregabalin Overdose in the Emergency Department	Emilio Salgado	EXTRIP Recommendations for Ethylene Glycol Toxicity from 2023	Rawan Eskandrani	The Medical Toxicology Fellowship in Doha, Qatar	Aftab Azad
14:40- 15:00	The SNAP Protocol to Treat Paracetamol Poisoning	Ruben Thanacoody	Study of Prediction of Respiratory Failure in Pesticide Intoxication (PREP) score in predicting respiratory failure in patients with acute pesticide poisoning	Tabiha Binte Hannan	Online Resources and e-Learning in Clinical Toxicology	Lucy S hieffelbien
15:00- 15:20	Sodium Nitrite Poisoning: Toxicity and Treatment with Methylene Blue	Bruno Megarbane	Tetrodotoxin Poisoning Cluster	Fatima Ayessah Ingkagan	Pearls of Wisdom from a Residency Program Director	Melissa White
15:20- 15:30	Q & A		Q & A			
15:30 - 16:00	Break / Exhibition & Posters					
16:00 - 17:00	Plenary Session: Introduction to the Gulf CDC Speaker: Ahmed Alhatlan Moderator: Vikas Kapil					
17:10 - 18:10	Special Meeting by Invitation: The Roles of Poison Information Centers in the LMICs and EMRO Countries in Safe Management of Pesticides (Mezzanine Room), Non-CME Activity					

# Scientific Program

Day 4 Sunday, 11 February 2024

Time	Track A (Hall A)		Track B (Hall B)		Meeting Room 7, Mezzanine Floor	
8:30 – 10:00	Petrochemical Industrial Toxicology Chair: Hassan Al Balushi and Waleed Alsukaiti		Prehospital and Nursing Toxicology Life Support and Antidote Bazaar Chair: Afra Alsuwaidi and Peter Akpunonu		Poison Information Centers and Research in Toxicology Workshop <i>By Invitation Only   Meeting Room 7</i> Organized by NIHR and MENATOX  MENATOX Chair: Badria Alhatali   NIHR Chair: Euan Sandililand	
	Topic	Speaker	Topic	Speaker	Topic	Speaker
08:30 -08:50	Common Occupational Hazards in the Petrochemical Industry	Hassan Al Balushi	New Decontamination Guidance from PRISM	Alyaqdhan Al Atbi	Facilitators: Ashish Bhalla Michael Eddleston Euan Sandilands Gill Jackson  Christopher Weir Knut Erik Hovda Annie Watt Stephanie Hon	
08:50- 09:10	Hydrogen Sulfide and Hydrofluoric Acid Exposures	Hassan Al Balushi	White Phosphorus Casualty Management	Afra Alsuwaidi		
09:10-09:30	Hydrocarbons and Solvents Toxicity	Waleed Alsukaiti	The Dose Makes the Poison: What can you do during the Golden Hour?	Najla Khoja		
09:30-09:50	Cancer Risks in the Petrochemical Industry	Lisa Lockwood	Toxic ECGs	Ehab Aki		
09:50- 10:00	Q & A		Q & A			
10:00 - 10:30	Break / Networking					
10:30 - 12:00	Management of Snake and Scorpion Envenomations in the Middle East Chair: Musa Alfaifi		Prehospital and Nursing Toxicology Life Support and Antidote Bazaar Chair: Afra Alsuwaidi and Peter Akpunonu (Exhibition Hall)		Poison Information Centers and Research in Toxicology Workshop <i>By Invitation Only   Meeting Room 7</i> Organized by NIHR and MENATOX  MENATOX Chair: Badria Alhatali   NIHR Chair: Euan Sandililand	
10:30 - 10:50	Neurotoxic Snake Envenomation in the GCC Countries: Unveiling Snake Species and Tailoring Antivenom Strategies	Musa Alfaifi	10:30- 12:00 Antidote Bazaar:  1- Andexanet Alfa 2- Digoxin Immune Fragments 3- Fomepizole 4- Hydroxocobalamin 5- Methylene Blue 6- Prussian Blue	1- Alyaqdhan Al Atbi 2- Duaa Al Lawati 3- Fatma Al Balushi 4- Bruno Megarbane 5- Ahmed Al Sakkha 6- Suad Alsulaimani	Facilitators: Ashish Bhalla Michael Eddleston Euan Sandilands Gill Jackson  Christopher Weir Knut Erik Hovda Annie Watt Stephanie Hon	
10:50 – 11:10	Venom-Triggered Consumptive Coagulopathy: Addressing Snakebite Challenges in the MENA Region	Ashraf Kamour	10:30 - 12: 00 Chemical and Radiological Decontamination Mezzanine Room 5	RSI Team: Erika Havelka Peter Akpunonu		

# Scientific Program

11:10 – 11:30	A review study on scorpion fauna and envenomation on MENA Region	Manal Siyam		Tim Conley	
11:30 – 11:50	The power of social media in the time of war!	Rania Baleela			
11:50 -12:00	Q & A		Q & A		
12:00 - 13:00	Closing Ceremony				
13:00 - 13:30	Exhibition & Posters Lunch / Prayers				

# MENATOX 2024

## Partners and Sponsors

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# Pre-Conference Highlights



**Mr. Mazen Malkawi**, Regional Advisor for Environmental Health at WHO EMRO, provided a thorough overview of WHO's activities, emphasizing the safe management of chemicals and the Global Framework on Chemicals. His insights highlighted WHO's impactful initiatives in public health, safety, and chemical management, with a specific focus on the crucial role of Poison Information Centers.

This presentation offered valuable insights into WHO's contributions and underscored the pivotal role of Poison Information Centers in promoting health and safety across the Eastern Mediterranean Region.



**Dr. Jerry Thomas**, Associate Director for Science at the CDC, offered a succinct overview of the CDC's environmental laboratory, emphasizing the National Biomonitoring Study (NHANES). This periodic study, conducted by the National Center for Environmental Health, plays a pivotal role in monitoring environmental exposures in the United States.

Dr. Thomas's presentation provided key insights into the CDC's cutting-edge laboratory practices and the significant contributions of NHANES in safeguarding public health through thorough environmental monitoring. His talk underlined the CDC's commitment to advancing our understanding of environmental impacts on health within the USA.

# Conference Highlights

The MENATOX Conference 2024 unfolded as a remarkable four-day event at the Novotel Abu Dhabi Al Bustan, bringing together experts, professionals, and enthusiasts in the field of clinical toxicology. The conference showcased a dynamic mix of knowledge exchange, innovation, and collaborative spirit in the heart of Abu Dhabi.



## Three Tracks of Programing

With three dedicated ballrooms hosting parallel tracks, the conference provided a diverse range of perspectives and insights. Attendees could seamlessly navigate between sessions, tailoring their experience to align with their specific interests.

## Exhibits

An entire ballroom dedicated to exhibits became a hub of discovery, featuring cuttingedge technologies, research, and services. This space facilitated networking opportunities and the exchange of ideas among participants and exhibitors.

## Mezzanine Workshops

The mezzanine area of the Novotel Abu Dhabi Al Bustan housed additional meeting rooms, creating an intimate space for focused workshops. These sessions, conducted by experts, allowed for in-depth discussions and hands-on learning, adding a practical dimension to the conference.

## International Collaboration and Networking

Colleagues from around the world gathered to share their expertise, fostering a global perspective on clinical toxicology.

# Opening Ceremony Highlights

The MENATOX Conference 2024 commenced with an inspiring Opening Ceremony, marked by the presence of esteemed leaders in clinical toxicology and public health. Notably, Dr. Asma Al Mannaie, Executive Director of the Research and Innovation Center at the Department of Health - Abu Dhabi, delivered a compelling speech, emphasizing the importance of collaboration and shared knowledge in advancing the field. It was also attended by Dr. Saleh Al Ali, Executive Director of the Center of Emergency Preparedness and Response - Abu Dhabi.

The commencement of the MENATOX Conference 2024 was not just an Opening Ceremony; it was a historic moment marking the first year anniversary of the Abu Dhabi Poison and Drug Information Service.





# Awards Ceremony

During the MENATOX Conference's opening ceremony, distinguished awards were presented to exceptional individuals and entities in recognition of their outstanding contributions.



## ANNUAL MENATOX ADVOCACY FOR CLINICAL TOXICOLOGY AWARD

### Dr. Saleh Al Ali

Executive Director,  
Center of Emergency Preparedness and Response  
Abu Dhabi, United Arab Emirates



## ANNUAL MENATOX ADVOCACY FOR POISON INFORMATION SERVICES AWARD

### Dr. Asma Al Mannaei

Executive Director, Research and Innovation Center  
Department of Health  
Abu Dhabi, United Arab Emirates

# Awards Ceremony



## ANNUAL SAID AL MAZROUI RESIDENT OF THE YEAR (2024)

### Dr. Zaid Al Khabouri

Emergency Medicine Resident,  
Oman Medical Specialty Board



## ANNUAL MENATOX OUTSTANDING SERVICE AWARD

### Dr. Afra Al Suwaidi

In-Training Fellow, Emory University  
United States of America

# Awards Ceremony



## AWARD OF APPRECIATION Dr. Alvin Bronstein

President Elect, America's Poison Centers

Chief of Emergency Medical Services and Injury Prevention  
System Branch Department of Health, State of Hawaii, USA

# Awards Ceremony



## AWARD OF APPRECIATION

### Department of Culture and Tourism

Represented by Mr. Mubarak Alshamsi,  
Director of the Abu Dhabi Department of Culture and Tourism

# Keynote and Plenary Session Highlights



## Keynote Session: Dr. Alvin Bronstein

Dr. Alvin Bronstein, President Elect of America's Poison Centers, delivered a keynote highlighting the vital roles of poison centers in public health and clinical toxicology. He also presented a plenary talk on the National Data Poison System's structure and its crucial functionalities in promoting public health. Dr. Bronstein's insights provided a comprehensive overview of the indispensable contributions of poison centers to safeguarding public well-being and advancing clinical toxicology practices.



## Plenary Session: Mr. Ahmed Alhatlan

Mr. Ahmed Alhatlan, Director of Data Management at the Gulf Centers for Disease Control and Prevention (GCDC), offered a comprehensive overview of GCDC during his presentation. He highlighted potential areas of collaboration between GCDC and clinical toxicology in the GCC region.

This session was moderated by Dr. Vikas Kapil, the Chief Medical Officer & Associate Director for Science at the Center for Global Health (CGH) Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia.

# Conference Highlights

The MENATOX Conference 2024 was a celebration of diversity in thought, a nexus of innovation, and a testament to the vibrant community driving advancements in clinical toxicology.

As the event concluded, participants left with enriched knowledge, strengthened connections, and a shared commitment to the ongoing progress in the field.



# Conference Highlights



During the MENATOX Conference, Dr. Grzegorz Brudecki, Associate Director at G42 Wastewater Monitoring Laboratory, delivered a compelling presentation on "Identification and Measurement of Environmental Toxins" on the conference's inaugural day. This session provided valuable insights into advanced techniques for assessing environmental toxins, setting the stage for knowledge-sharing right from the start.

Later in the conference, on the third day, Dr. Wael Elamin, Consultant in Microbiology and Infectious Diseases at G42 Healthcare, took the stage. His presentation, "AI and Healthcare," explored the transformative impact of Artificial Intelligence in the healthcare landscape, showcasing innovative solutions and advancements. Both speakers from G42 Healthcare contributed significantly to the diverse and informative sessions throughout the MENATOX Conference.

# Conference Highlights



On the final day of the MENATOX Conference, Response Systems International, Ltd (R-S-I) took center stage to enlighten attendees on Chemical and Radiological Decontamination. This crucial session delved into cutting-edge methods and strategies for managing and mitigating the impact of chemical and radiological exposures.



# Conference Highlights



At the culmination of the third day of the MENATOX Conference, a noteworthy special meeting unfolded, exploring "The Roles of Poison Information Centers in the LMICs and EMRO Countries in Safe Management of Pesticides." In collaboration with Crop Life Africa Middle East, this session cast a spotlight on the pivotal functions of Poison Information Centers in Low- and Middle-Income Countries (LMICs) and Eastern Mediterranean Regional Office (EMRO) nations regarding the safe management of pesticides.

The meeting served as a dedicated forum for in-depth discussions, providing a platform to exchange insights on the unique challenges and opportunities tied to pesticide management in these regions. The collaboration between MENATOX and Crop Life Africa Middle East underscored a shared commitment to knowledge-sharing and the promotion of safer practices in handling pesticides.

# Hosting of International Clinical Toxicology Associations

MENATOX proudly hosted distinguished representatives from other international clinical toxicology associations.

Among the esteemed guests were Professor Paul Dargan, President-Elect of the European Association of Clinical Toxicologists and Poison Centres, Dr. Stephanie Hon, President of the American Board of Applied Toxicology and representing the American Academy of Clinical Toxicology (AACT), and Dr. Peter Akpunonu, Chief of Medical Toxicology Division at the University of Kentucky, representing the American College of Medical Toxicology (ACMT).

The presence of these eminent figures highlighted the collaborative spirit that MENATOX fosters on a global scale. Each representative brought forth their wealth of expertise and experience, contributing to a rich exchange of ideas and insights during the conference. The event served as a testament to MENATOX's commitment to creating a platform for international collaboration and knowledge-sharing within the dynamic field of clinical toxicology.



# National Institute for Health Research (NIHR) Scholarship

The National Institute for Health Research (NIHR) and in collaboration with the Edinburgh Medical School, funded scholars to cover full attendance at the MENATOX 2024 conference and provided travel and accommodation expenses. MENATOX proudly sponsored the registration of the following 10 Participants awarded a scholarship from the NIHR RIGHT4 Project:

Dorothy Aywak	Kenya	Pharmacist - Head of PIC, Nairobi
Dr. Francis Orata Omoto	Kenya	Associate Professor and Researcher of Analytical Chemistry and Toxicology at MMUST, Kakamega.
Ibrahim Chikowe	Malawi	Scientist & Lecturer - Chemical, Biological, Radiological and Nuclear (CBRN) Materials, National Task Force Member
Mahiya Nabilla Rosaria Abdul Hamid	Malaysia	Pharmacist - National Poisons Information Centre, Penang, Malaysia
Dr. Herve Koni	Namibia	Physician, Medical Toxicologist. Pg Dip Graduate
Dr. Rajesh Sharma	Nepal	Co-investigator and Lead Specialist in Poison Information (Lead SPIs) of Poison Information Center, TUTH Nepal
Dr. Fatima Ayessah B. Ingkagan	Philippines	Toxicology Fellow at the University of the Philippines - Philippine General Hospital
Mervat Ghallabi	Yemen	Emergency Medicine Consultant
Karwan Yasin Mohammed	Kurdistan	Senior Emergency Medicine Specialist, Director of Rozhawa Emergency
Dr. Vildan Özer	Türkiye	Assistant Professor of Emergency Medicine

This initiative aimed to combat deaths from acute poisoning in low and middle-income countries. Remarkably, the scholarship included sessions with focus on key areas of the Poison Centre Development such as poisons information provision, chemical management, implementing WHO guidelines, and accessing essential Poison Information Centre (PIC) databases.



# Oral Abstracts and Posters

The MENATOX Conference 2024 showcased an impressive array of research contributions, with a total of 57 abstracts submitted. From this pool, 46 outstanding abstracts were selected for presentation, with 9 of them designated as oral presentations, highlighting the depth and diversity of the scientific discourse.

At the awards ceremony, Dr. Michael Mullins (Professor, Washington University School of Medicine in Saint Louis) took the stage to present the honors. With an air of anticipation, he announced the standout contributors, recognizing Dr. Jenan Salmeen from Kuwait for the "Best Research" presentation. MENATOX recognized her accomplishment with a 250USD gift card. Awarded also were Dr. Sara AlQabandy from Kuwait for delivering the "Best Oral" presentation, and Dr. Manar Al Shehi from Oman for creating the "Best Poster."

Adding to the excitement, Dr. Mullins made a significant announcement about the forthcoming publication. The MENATOX24 abstracts, a treasure trove of cutting-edge research, are set to be featured in Toxicology Communications by Taylor and Francis Publishing.

This not only recognizes the outstanding contributions of the conference presenters but also ensures that their valuable insights reach a wider audience, contributing to the ongoing dialogue and advancement within the field of clinical toxicology.



# Socials Event

## Gala Dinner

The MENATOX Conference 2024 came together for a special Gala Dinner at Almayass Restaurant in Abu Dhabi on February 9, 2024.

Colleagues in clinical toxicology, hailing from different corners of the globe, gathered for a night of collegiality and connection. The evening featured a delightful regional menu and lively music, creating a warm and vibrant atmosphere.

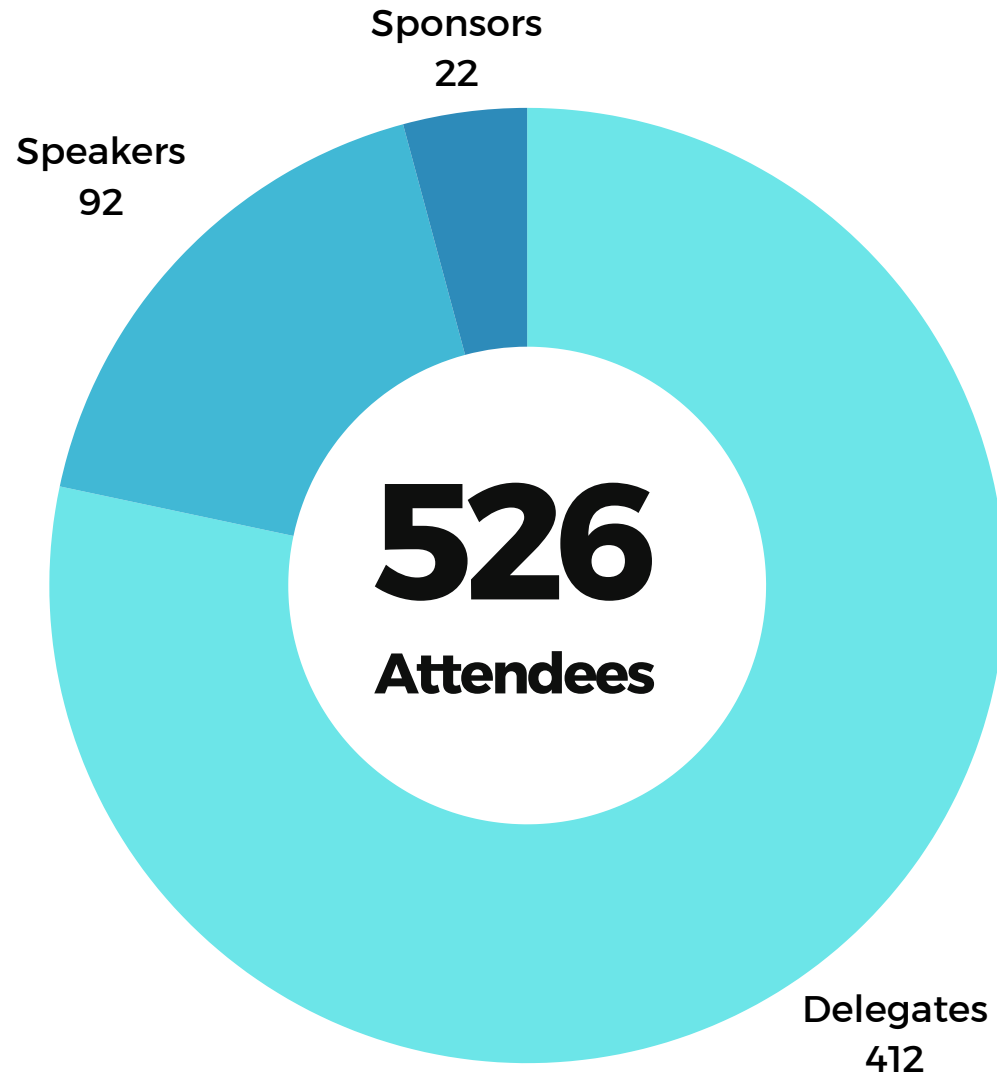
More than just a social event, the Gala Dinner provided a unique opportunity for professionals to network and strengthen bonds within the clinical toxicology community.

As the night concluded, it left a lasting impression—a testament to MENATOX's commitment to collaboration, cultural richness, and fostering friendships among colleagues.

The Gala Dinner at Almayass was a unique blend of international camaraderie, making it a standout event in the conference.



# Attendee Registration



## 412 Delegates

UAE (314)	KSA (8)	Qatar (3)
USA (4)	Kuwait (8)	Romania (1)
UK (3)	Lebanon (7)	Türkiye (3)
Algeria (1)	Malaysia (1)	Others (36)
India (1)	Oman (22)	

## 92 Speakers

<b>UAE (24)</b>	Kuwait (3)	Qatar (4)
Bangladesh (1)	Malaysia (1)	Romania (2)
Canada (1)	Morocco (2)	Spain (1)
France (1)	New Zealand (1)	Tunisia (1)
India (1)	Norway (1)	Türkiye (1)
Iraq (1)	Oman (9)	UK (13)
Jordan (1)	Pakistan (1)	USA (15)
Kenya (1)	Philippines (1)	
KSA (4)	Portugal (1)	

# Event Marketing

Website

Menato 2024 Middle East & North Africa Clinical Toxicology Conference (MENATOX) 2024

Home About the conference Speakers Program Registration Travel Contact Us

Menato 2024

Middle East & North Africa Clinical Toxicology Conference  
(MENATOX)

Novotel Al Bustan, Abu Dhabi

08-11 February  
2024

Privacy - Terms

# Event Marketing

## Website

The screenshot displays the website for the MENATOX conference. The browser address bar shows the URL <https://menatoxconference.com>. The navigation menu includes: Home, About the conference, Speakers, Program, Registration, Travel, and Contact Us.

The website features several sponsor sections:

- Diamond Sponsor:** The Department of Health, featuring its logo and the text "دائرة الصحة" and "DEPARTMENT OF HEALTH".
- Gold Sponsors:** AstraZeneca, CropLife (Africa Middle East), and SERB Pharmaceuticals.
- Silver Sponsors:** Bayer, Proveharm (Act to Improve Life), Central Testing Labs (Powered by GE), Response Systems International (Disaster Medicine and Public Health Division), Toxinz, and Waymade.

A "Privacy - Terms" link is visible in the bottom right corner.



# Event Marketing

Website

The screenshot displays the website for the MENATOX conference. The browser address bar shows the URL <https://menatoxconference.com>. The navigation menu includes: Home, About the conference, Speakers, Program, Registration, Travel, and Contact Us.

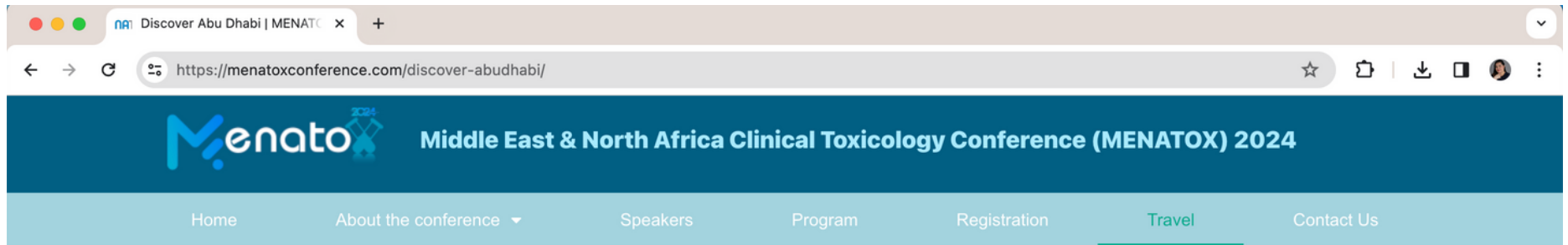
The main content area features a "Destination Partner" section with the logo for Abu Dhabi Convention & Exhibition Bureau.

Below this is an "Endorsed by" section featuring logos from several organizations:

- ECREM**: EMIRATES COLLABORATION OF RESIDENTS IN EMERGENCY MEDICINE
- EMORY UNIVERSITY SCHOOL OF MEDICINE**: Department of Emergency Medicine
- ESEM**: شعبة الإمارات لطب الطوارئ (EMIRATES SOCIETY OF EMERGENCY MEDICINE)
- ISEM**: جمعية طب الطوارئ العراقية (IRAQI SOCIETY OF EMERGENCY MEDICINE)
- GEMPA**
- GEORGIA POISON CENTER TRAINING**
- MAEM**: Mediterranean Academy of Emergency Medicine
- OSEM**: الرابطة العمانية لطب الطوارئ (Oman Society of Emergency Medicine)

# Event Marketing

Website

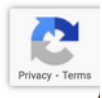


## DISCOVER ABU DHABI

Be part of MENATOX 2024 right in the heart of Abu Dhabi!

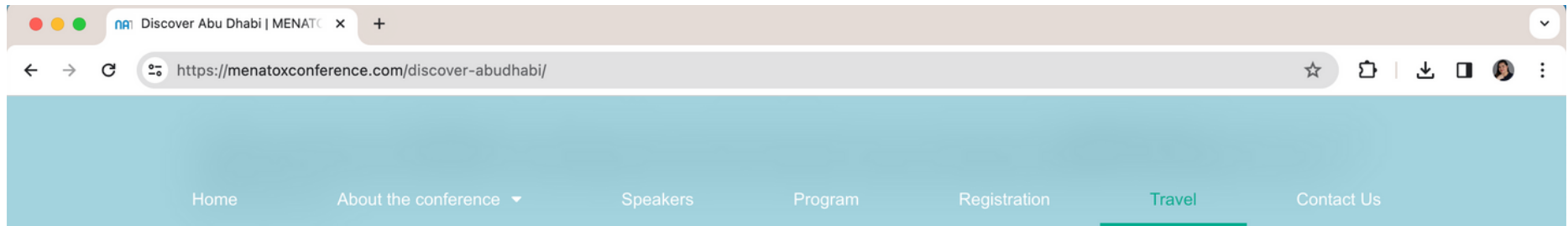


Indulge in the grandeur of **Abu Dhabi**, the splendid capital of the United Arab Emirates, as it proudly welcomes **MENATOX 2024** with open arms. Abu Dhabi effortlessly marries its profound cultural heritage with the allure of modernity, creating a captivating backdrop for the prestigious MENATOX 2024 Conference.



# Event Marketing

Website



## Traveling to Abu Dhabi

### By Plane

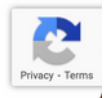


Step into a world of seamless travel at **Abu Dhabi International Airport (AUH)**, a global aviation hub connecting you to diverse international destinations. Leading airlines offer convenient direct

### By Land

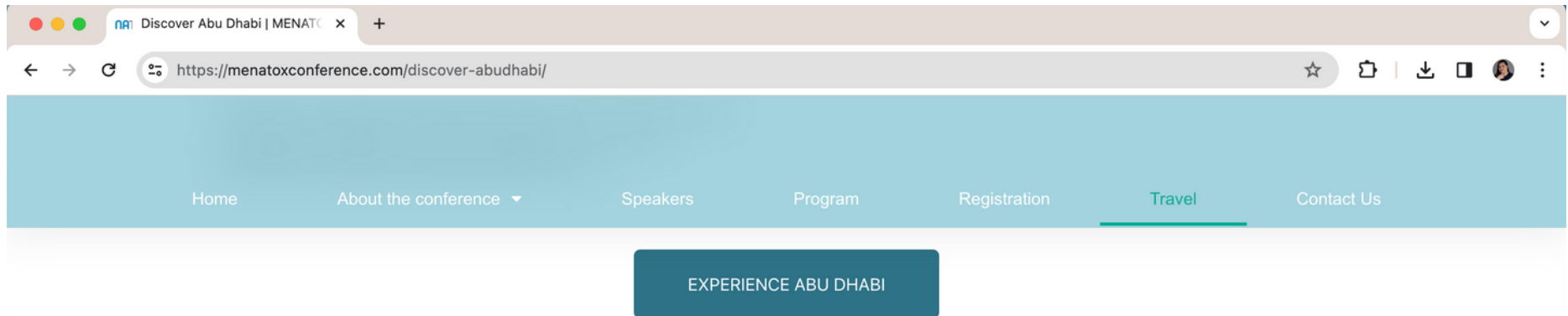


For travelers coming from neighboring countries or within the region, Abu Dhabi offers an array of convenient land transportation choices. Whether you prefer the freedom of a



# Event Marketing

## Website



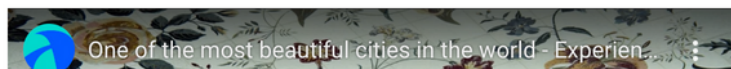
### Getting To and From AUH

- **Airport Taxis:** Taxis are easily accessible at Abu Dhabi International Airport. Use the official airport taxi service and agree on the fare before your ride.
- **Car Rentals:** For flexibility, rent a car from the airport. Familiarize yourself with local traffic rules.
- **Public Transportation:** Choose cost-effective options with Abu Dhabi's public transportation system, including buses and the metro.
- **Traffic Planning:** Factor in potential delays, especially during peak hours, when planning your journey.

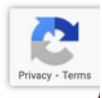
### Getting Around Abu Dhabi

- **Public Buses:** Abu Dhabi boasts an efficient public bus system, covering key city areas with well-marked stops. It's a cost-effective way to explore; just familiarize yourself with routes and schedules.
- **Taxis:** Taxis are a common mode of transport. Stick to official services, ensure meters are used, or agree on fares in advance.
- **Walkable Areas:** Abu Dhabi offers pedestrian-friendly zones around accommodations and conference venues, perfect for immersive city experiences.

### Discover the Charms of Abu Dhabi

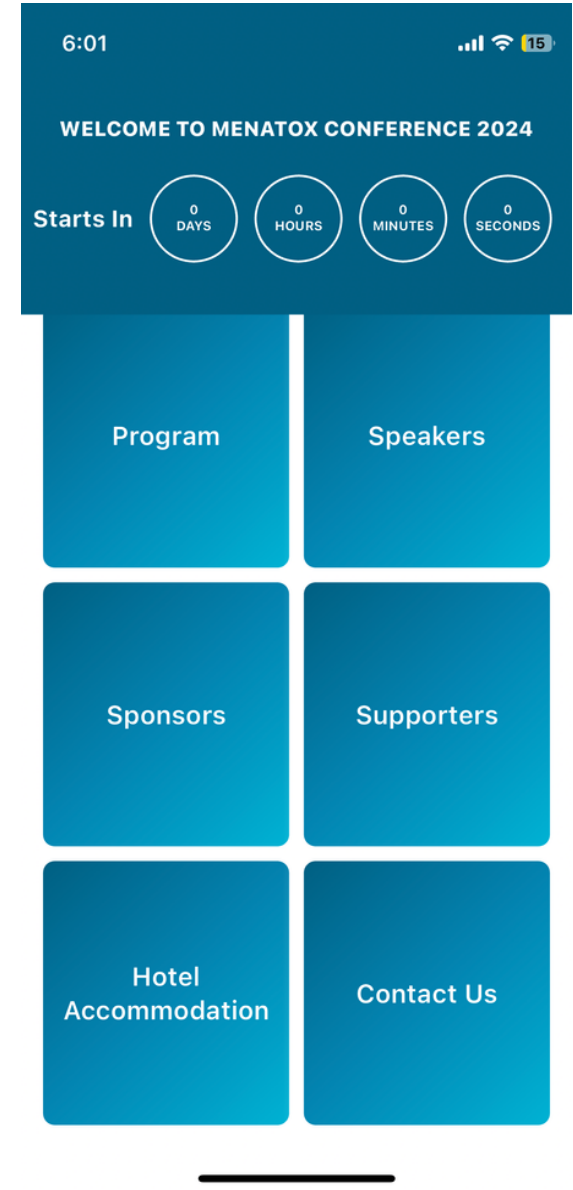
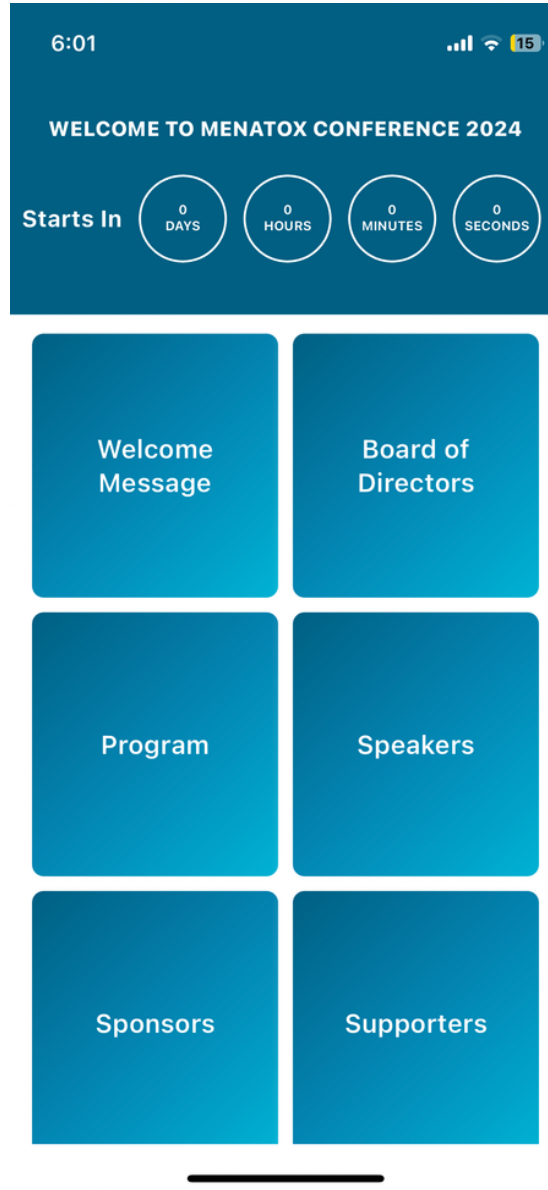


Abu Dhabi - the vibrant capital of the United Arab



# Event Marketing

## Mobile App



# Event Marketing

## Newsletters (Samples)



[Download the Workshop & Conference Program](#)

Dear Jona.

**MENATOX**  
8 - 11 February  
Novotel Al Bustan, Abu Dhabi, UAE

With less than 2 months to go until the 2024 Middle East & North Africa Clinical Toxicology Association (**MENATOX**) Annual Meeting and Conference, we invite you to explore the [current program](#) and [speaker line-up](#).

### Workshops Announcement!

- **Stream 1:** Safe Management of Chemicals, Biomonitoring & Environmental Chemicals of Concern.
- **Stream 2:** Medical Toxicology for Residents in Training in Partnership with ECREM

[Workshop & Conference Program](#)

View this email in your browser



[Register in Advance & Save 15% on the Onsite Registration Fee](#)

Dear Jona

**MENATOX 2024**  
Novotel Al Bustan, Abu Dhabi

Get ready for **MENATOX 2024**, featuring a packed Workshop and Conference Program with **over 40 International Speakers**.

### Keynote Speaker Dr. Alvin Bronstein

On Friday 9th February we look forward to an unmissable Keynote Presentation by Dr. Alvin Bronstein, President-Elect of the American Association of Poison Centers on "America's Poison Centers: Potential Lessons for the EMRO Countries."



[View the MENATOX Workshop & Conference Program](#)



### The MENATOX app is live!

Search **MENATOX** on your smartphone for the latest agenda, speakers, [discounted hotel accommodation](#) at the Novotel Al Bustan, and more.

You should attend **MENATOX** if you are a:

Physician, Clinical Pharmacist, Public Health Professional, Poison Specialist, Resident in

Physician, Clinical Pharmacist, Public Health Professional, Poison Specialist, Resident in Training, Paramedic, Nurse, Student or Industry Representative.

Join us in Abu Dhabi from 8-11 February for the 2024 [Middle East & North Africa Clinical Toxicology Conference](#), and discover the latest developments, research, and scientific discoveries in clinical toxicology.

We look forward to welcoming you to **MENATOX 2024** next week!

The MENATOX Team

[Forward to a Colleague](#)

### DIAMOND SPONSOR



### GOLD SPONSORS



### SILVER SPONSORS



### DESTINATION PARTNER



### ENDORSED BY



# Event Marketing

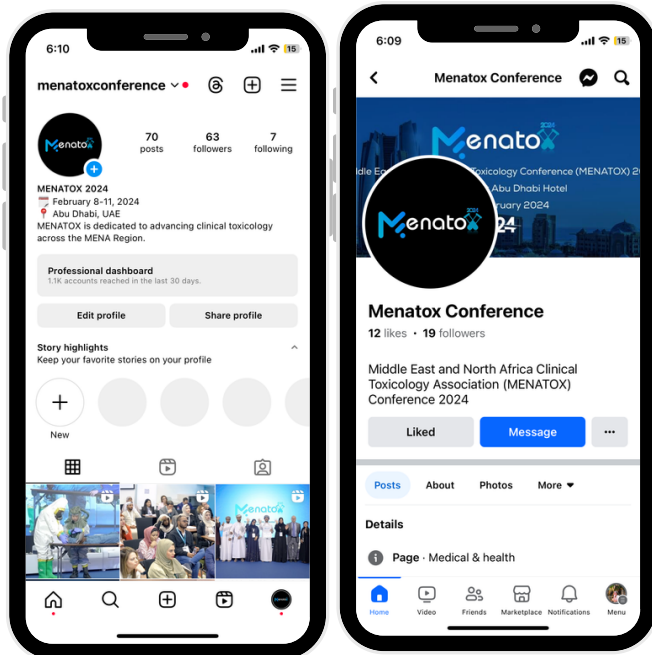
## Social Media Platforms

All social media platforms dedicated to promoting the MENATOX Conference were meticulously crafted from the ground up in November 2023.



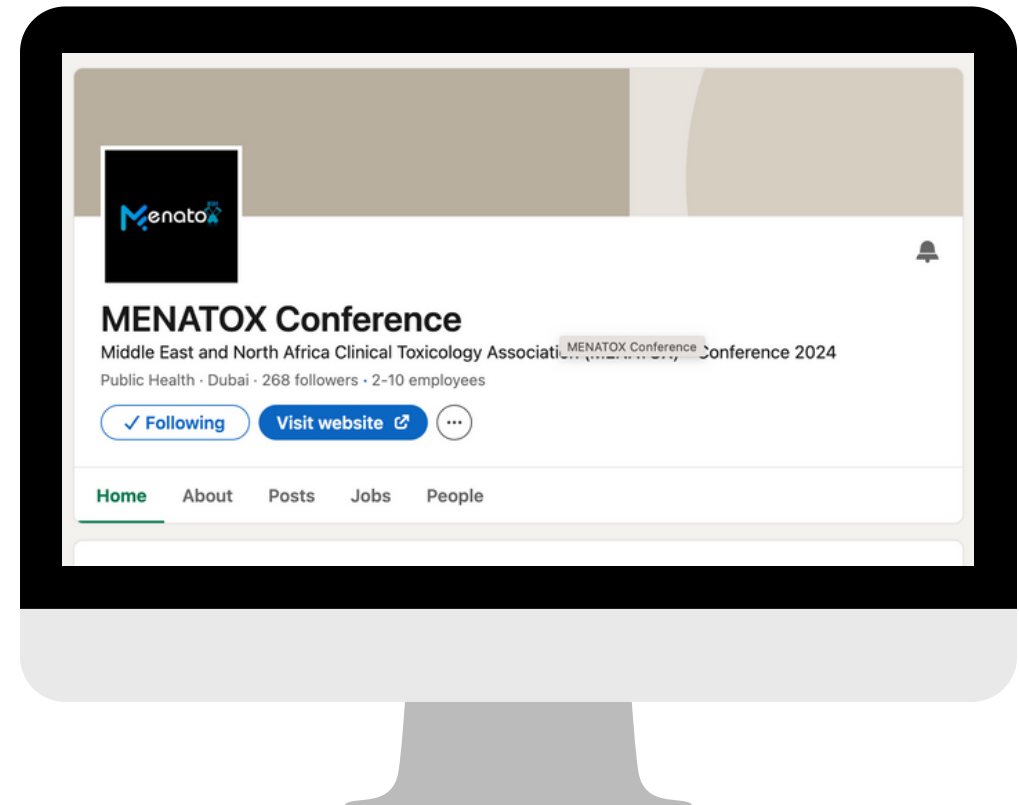
## 1,951 accounts reached

Since its inception, the Instagram and Facebook accounts have a cumulative reach of 1,951 unique accounts.



## 268 followers

LinkedIn followers consist of highly-targeted individuals with interests aligned with MENATOX.



# Event Marketing

## Social Media (Sample Posts)

### Posts

**MENATOX**  
Middle East & North Clinical  
Toxicology Conference 2024  
Abu Dhabi, United Arab Emirates

**08-11 FEBRUARY 2024**

**SAVE THE DATE**

www.menatoxconference.com

**MENATOX**  
Novotel Abu Dhabi Al Bustan  
08-11 February 2024

**KEYNOTE SPEAKER**

**DR. ALVIN BRONSTEIN**  
President-Elect, American Association of Poison Centers

www.menatoxconference.com

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Novotel Abu Dhabi Al Bustan  
08-11 February 2024

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**DEPARTMENT OF HEALTH**

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**VENUE ANNOUNCEMENT  
FOR MENATOX 2024**  
08-11 February 2024

**ABU DHABI  
AL BUSTAN**

**Novotel Abu Dhabi Al Bustan**  
Sheikh Rashid Bin Saeed Street cor.  
Rabdan Street, 95208 Abu Dhabi  
United Arab Emirates

www.menatoxconference.com

**MENATOX**  
Novotel Abu Dhabi Al Bustan | 08-11 February 2024

**SPEAKER**

**DR. AYNUR SAHIN**  
Associate Professor of Emergency Medicine and Medical Toxicologist,  
University of Health Sciences Basaksehir Cam and  
Sakura City Hospital (Istanbul, Turkiye)

www.menatoxconference.com

**MENATOX**  
Novotel Abu Dhabi Al Bustan  
08-11 February 2024

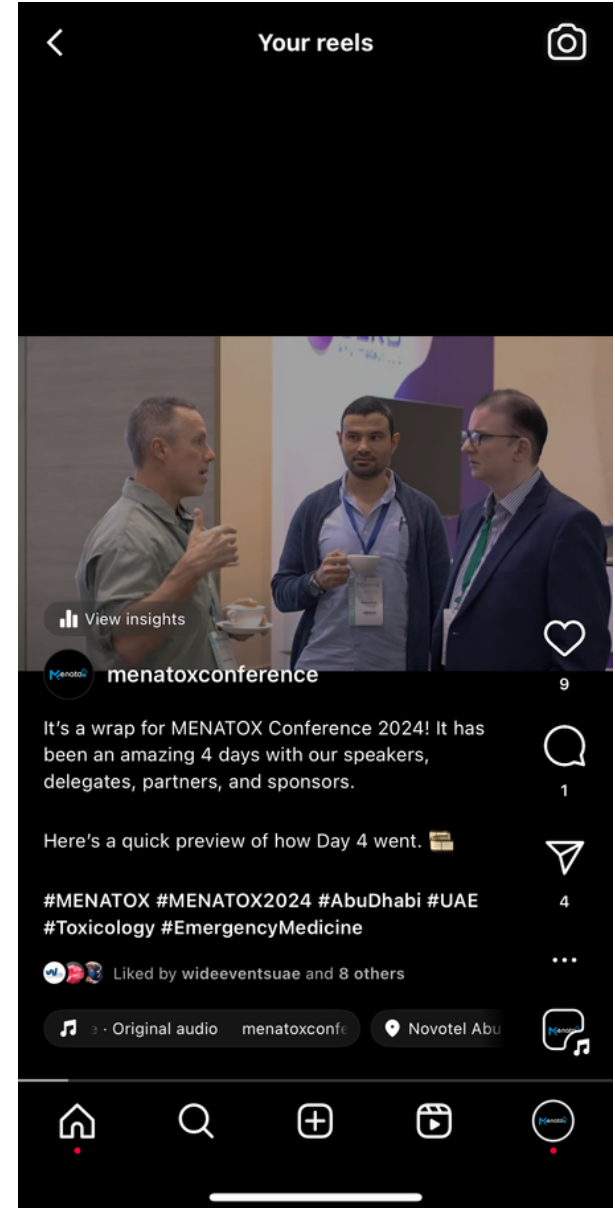
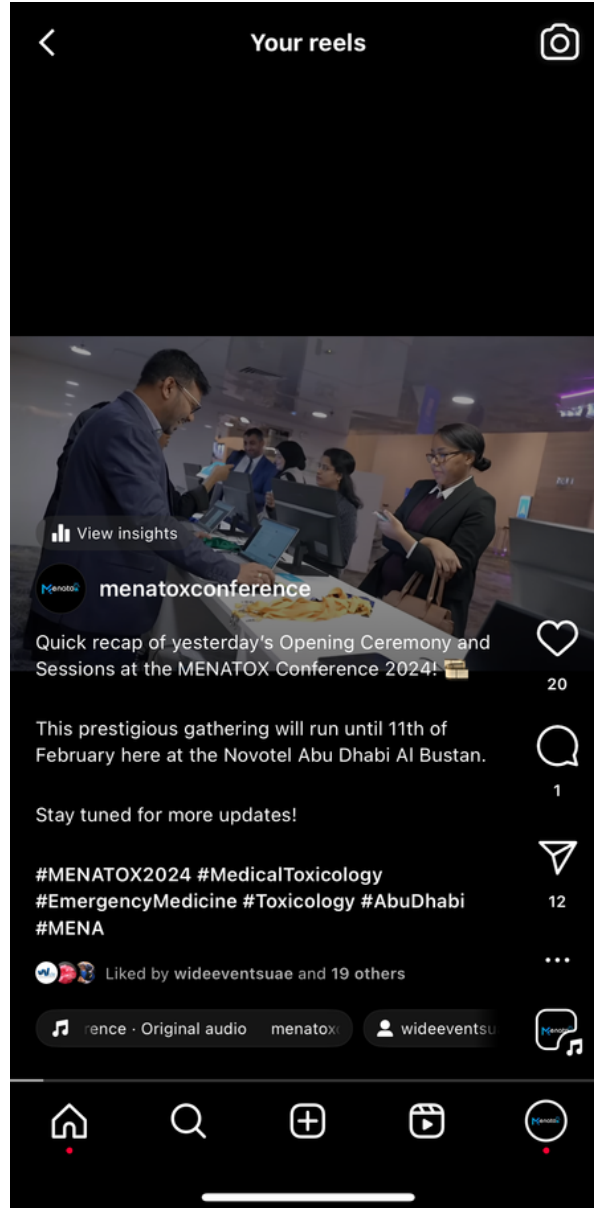
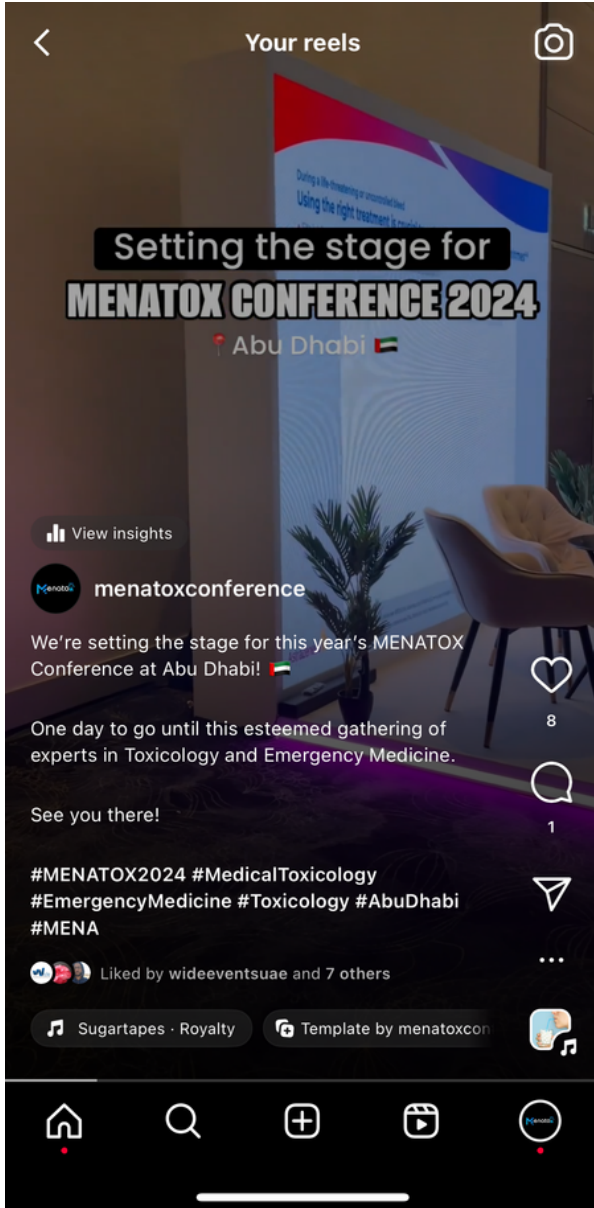
**DESTINATION PARTNER**

**abu dhabi**  
Convention & Exhibition Bureau

www.menatoxconference.com



### Reels



### LED Standby Display



### Stage Branding

**Chronic liver disease Daycare in ED: Multi-disciplinary Team Assessment of SCD patients presented with frequent VOCs: A successful novel approach**  
 Fatma Al-Balushi, Omar Attallah, Saad Al-Jumaa, Muna Al-Riami, Salama Al-Harhi, Marwa Al-Balushi, Sumaiya Al-Sulaimi, Thuraya Al-Haddabi, Mohammed AL-Busafi, Amira Al-Balushi, Muhanna Al-Mustahfi

 SCD, > 25 ED visits/month / patient

 178 visit /year / patient without OPD/admission(LAMA) → for 2 consecutive years

  
 8 - 11 February 2024 | Novotel Al Bustan, Abu Dhabi

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### Welcome & Registration Signages



### Registration Counter











