



Ministry of Health and Population
Preventive Sector
Central Public Health Laboratories

7TH International Annual Hybrid Conference CPHL 2025 ONE HEALTH APPROACH

November
8th-9th, 2025

InterContinental Citystars Cairo Hotel

7TH International Annual Hybrid Conference

CPHL 2025

ONE HEALTH APPROACH



Ministry of Health and Population
Preventive Sector
Central Public Health Laboratories



Conference President

**Prof. Dr.
Nancy M. El Guindy**

Head of Central Public Health
Laboratories

Dear Esteemed Professors, Colleagues, and Honored Guests,

With immense pride and heartfelt warmth, I welcome you to the **7th Annual One Health Approach Conference 2025**, hosted by the **Central Public Health Laboratories (CPHL)** under the esteemed patronage of H.E. the **Minister of Health and Population**.

Each year, this gathering reaffirms our shared belief: that health is a unified journey-connecting people, animals, and the environment. Today, more than ever, the **One Health Approach** stands as a symbol of resilience, science, and collaboration. The **One Health Approach** reminds us that collaboration across sectors is not just beneficial-it is essential.

Our laboratories have taken bold strides forward-enhancing infrastructure, embracing innovation, and building research that matters. We are nurturing a new generation of thinkers, and investing in solutions that protect lives before disease begins.

This year's conference will host a rich scientific program and a vibrant exhibition, showcasing the latest in laboratory technology and medical innovation. We hope it inspires ideas, collaborations, and conversations that will echo far beyond these days together.

We look forward to your valuable participation, insightful discussions, and shared aspirations during this scientific journey. We believe that together, through shared knowledge and united purpose, we can shape a healthier, more resilient world.

Under the Patronage of H. E.

Prof. Dr. Khaled Abdelghaffar

Minister of Health and Population

Under the Patronage of

Dr. Amr Kandeel

Deputy Minister of Health and Population

Honorary President

Dr. Rady Hammad

Head of Preventive Medicine and Public Health Sector

Conference President

Prof. Dr. Nancy Mohamed El Guindy

Head of Central Public Health Laboratories

Conference General Secretary

Dr. Salwa Shendy

Conference Coordinator

Dr. Dina Ramadan

Scientific Committee

Prof. Dr. Sahar Khairat
Prof. Dr. Safaa Meshaal
Prof. Dr. Doaa Ghaith
Prof. Dr. Amal Naguib
Dr. Amany El Gohary

Dr. Hoda Qandeel
Dr. Dina Ramadan
Dr. Ahmed Moussa
Dr. Safenaz Ghareeb
Dr. Shaymaaa Shawky

Head of Organizing Committee

Dr. Mohamed Abd ElSalam

Organizing Committee

Dr. Nashwa Mahmoud
Dr. Karim Mohsen
Mr. Mohamed Elsayed
Mr. Mahmoud Hosny

Topics & Major Sessions

In the spirit of advancing laboratory sciences and embracing a One Health approach, this year's sessions highlight the evolving role of labs in prevention, public health, environmental stewardship, and intersectional collaboration. With a focus on innovation, sustainability, and data-driven decision-making, each session bridges the gap between research and real-world health impact-across humans, animals, and ecosystems alike.

Registration
Fees

L.E. 3000

(Coffee Break - Lunch)

I. Diagnostics & Laboratory Innovation

- ◆ AI for Laboratory Workflow Automation: Threat or Opportunity?
- ◆ Digital Laboratories: Enhancing Public Health Response Through Real-Time Data
- ◆ Point-of-Care vs Central Labs: Redefining Diagnostics Across Health Sectors
- ◆ Surveillance and Molecular Diagnostics: A Preventive Strategy in Action
- ◆ Maximizing Impact with Minimal Resources: Cost-Effective Laboratory Strategies
- ◆ Mobile Lab Units: Bringing Diagnostics to the Last Mile
- ◆ Emerging Zoonotic Threats and Climate-Driven Pathogens
- ◆ Healthy Labs, Healthy Workers: Building Safe and Resilient Laboratory Environments

II. Food, Water & Environmental Safety

- ◆ Greening the Laboratory: Sustainable Practices for Health and Environment
- ◆ Water Microbiology and Bacteriology: Innovations Supporting Community Health
- ◆ Genetically Modified Organisms in Food
- ◆ Food Contact Materials: Laboratory Testing for Consumer Safety and Regulation
- ◆ Hidden Hazards and contaminants affecting food quality
- ◆ Lab Data as Public Health Evidence: Bridging Science and Decision Making

All abstracts must be submitted in English using the online submission form on the conference website. www.CPHL-eg.com



Organized by:
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