

 **NE
HEALTH**
ONE PLANET - ONE FUTURE
HUMANS - ENVIRONMENT - ANIMALS - LIVING - TOGETHER - HARMONIOUSLY



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Ministry of Health and Population
Preventive Sector
Central Public Health Laboratories

1st Annual Scientific
Conference of

CPHL

**ONE HEALTH
APPROACH 2019**

November | Intercontinental
10th - 11th, 2019 | City Stars Cairo

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PROGRAM

Sunday, 10th November, 2019

09:00 Registration

(10:00-11:15)

OPENING CEREMONY

Chairpersons: H. E. Prof. Dr. Hala Zayed
Prof. Dr. Alaa Eid
Prof. Dr. Nancy Elguindy

- 10:00-10:10** Welcome Talk
H. E. Prof. Dr. Hala Zayed
Minister of Health and Population
- 10:10-10:20** Welcome Talk
Prof. Dr. Alaa Eid
Head of preventive sector
- 10:20-10:30** Welcome Talk
Prof. Dr. Nancy Elguindy
Head of Central Public Health Laboratories
- 10:30-10:35** Orientation Video
- 10:35-10:55** Orientation of CPHL Presentation
Dr. Amel Naguib
Conference General Secretary
- 10:55-11:15** One Health and global economics
Dr. Mohamed Abdullah
Head of Conference Organizing Committee

Sunday, 10th November, 2019

(11:30-13:00) Session I

ENDEMIC DISEASES, STORIES OF SUCCESS

**Chairpersons: Prof. Dr. Sahar Khayrat
Prof. Dr. Aya Amir Naasef
Prof. Dr. Essam Elmoghazy
Dr. Amany Elgohary**

- 11:30-11:50** HCV screening a story of success
Dr. Mohamed Hassany
- 11:50-12:10** Insights into replication of HCV – Genotype 4 in c6/36
Mosquito cell line: A pilot study
Prof. Dr. Omima Khamis
- 12:10-12:30** Towards TB elimination, Egypt Experience 2019
Dr. Wagdy Amin
- 12:30-12:50** Evaluation of the Gene expert MTB/RIF Assay for rapid
diagnosis of TB and detection of rifampicin resistance in
pulmonary and extra pulmonary specimens.
Dr. Azza Hegazy
- 12:50-13:00** Discussion & questions
- 13:00-13:30** Coffee break

Sunday, 10th November, 2019

(13:30-15:00) Session II

AMR, A GLOBAL CONCERN

Chairpersons: Prof. Dr. Mona Wassef
Prof. Dr. Ghada Ismael
Prof. Dr. Shereen Mahmoud Shawky
Brig. Dr. Mostafa Elnakeeb

- 13:30-13:50** Study of AMR pattern among pediatric patients in emergency department in Cairo university specialized hospital – a step forward to start antimicrobial stewardship program
Prof. Dr. Mona Mohey Eldin
- 13:50-14:10** Non – invasive technique for treatment of infected wounds by ELF as resonance frequency.
Brig. Dr. Mostafa Elnakeeb
- 14:10-14:30** Knowledge, attitude and practice regarding anti-microbial misuse in Egypt: a cross- sectional national survey of community pharmacy staff 2018
Dr. Rania Attia
- 14:30-14:50** Sponsor presentation.
NIPT for all women, dream or reality
Tytti Massinen
- 14:50-15:00** Discussion & questions

Sunday, 10th November, 2019

(15:00-16:30) Session III

OUTBREAKS

Chairpersons: Prof. Dr. Shaden Mouawia
Prof. Dr. Afaf El-Banna
Prof. Dr. Aida Allam
Dr. Nagwa Fathy

- 15:00-15:20** Outbreak investigations of neonatal sepsis
Asst. Prof. Doaa Ghaith
- 15:20-15:40** A large Staph aureus food poisoning outbreak among hotel guests, Sharkia governorates, Egypt July 2018.
Dr. Hesham Magdy
- 15:40-16:00** First recorded Reptilian pentosomiasis as zoonotic disease in Egypt
Prof. Dr. Omar Tammam
- 16:00-16:20** Sponsor presentation.
- 16:20-16:30** Discussion & questions
- 16:30** Lunch

Monday, 11th November, 2019

(10:00-11:30) Session IV

INFLUENZA

Chairpersons: Prof. Dr. Mohamed Ali

Dr. Ahmed Safwat

Dr. Hanaa Abu Elsaad

Dr. Amel Naguib

- 10:00-10:20** A global system for optimizing influenza vaccine strain selection
Prof. Richard J. Webby
- 10:20-10:40** Circulating pattern and genomic characteristics of influenza B viruses in Egypt 2015-2018
Dr. Wael Hamed
- 10:40-11:00** Full genome characterization of recent reassortant H9N2 viruses isolated from Quail and chicken in Egypt
Prof. Dr. Abdulsattar Arafa
- 11:00-11:20** Ten years of co-circulations between low pathogenic H9N2-type and highly pathogenic H5Nx-type I AV strains: Impact of genetic reassortment of internal protein-encoding segments on viral replication and pathogenicity in mammalian systems.
Asst. Prof. Ahmed Mostafa
- 11:20-11:30** Discussion & questions

Monday, 11th November, 2019

(11:30-13:00) Session V

FOOD & WATER SAFETY AND HUMAN HEALTH

**Chairpersons: Prof. Dr. Hussein Mansour
Prof. Dr. Farida Eldars
Dr. Magda Rakha
Dr. Maysa Hamza**

- 11:30-11:50** دور معامـل فحص ملوثات الغذاء في منظومة سلامة الغذاء الجديدة
Prof. Dr. Hussein Mansour
- 11:50-12:10** CPHL Compliance with NFSA National food safety authority Requirements
Dr. Mohamed Abdulsalam
- 12:10-12:30** Microbiological and molecular characterization of Salmonella species in frozen meat and organs imported into Egypt: a public health importance
Dr. Abeer Abdulaziz
- 12:30-12:50** Bio sorption of heavy metals by Gram-negative isolate "MAM-4" and Bacillus cereus.
Dr. Mohamed Abdulmenem
- 12:50-13:00** Discussion & questions
- 13:00-14:15** Poster Session

Monday, 11th November, 2019

(14:15-15:45) Session VI

SCREENING AND SURVEILLANCE APPROACHES

**Chairpersons: Prof. Dr. Azza Sadek
Prof. Dr. Saeed Abbady
Dr. Dalal Mounir
Dr. Eman Abbas**

14:15-14:35 Newborn screening public health policy and community impact
Dr. Heba Khafagy

14:35-14:55 Evaluation of the pilot stage of the national plan for HBV birth – dose introduction in the national immunization schedule – Egypt From August to December 2016
Dr. Ihab Basha

14:55-15:15 Molecular identification of viral infections of the central nervous system in Egypt
Dr. Shymaa Shawky

15:15-15:35 Sponsor presentation.
PerkinElmer Global Leader in Newborn Screening -
Innovating for the Healthier Future
Marika Kase

15:35-15:45 Discussion & questions

Monday, 11th November, 2019

(15:45-17:15) Session VII

ZOONOSIS

**Chairpersons: Prof. Dr. Mona Mahrez
General Dr. Mamdouh Elbahnasawy
Prof Dr. Abdulsattar Arafa
Dr. Ayat Orabi**

15:45-16:05 Sero-prevalence and associated risk factors of brucellosis in sheep and human in four regions in Matrouh - Egypt
Prof. Dr. Sherif Zidan

16:05-16:25 Prevalence of Typhoid fever in Egypt and South Sudan – Comparative study.
Brig. Dr. Osama Sobhy

16:25-16:45 Detection of Dengue Virus serotypes 1&2 in selected regions of Egypt 2015-2018
Dr. Caroline Sabry

16:45-17:05 Sponsor presentation.

17:05-17:15 Discussion, questions & recommendations

17:15 Lunch

POSTERS

1. Monitoring viral load and CD4 in HIV patients under treatment
Dr. Azza Hassan
2. PREVALENCE AND CHARACTERIZATION OF EXTENDED SPECTRUM BETA- LACTAMASES-PRODUCING (ESBL) ENTEROBACTERIACEAE ISOLATED FROM FOOD PRODUCTS
Dr. Rabee Elhosainy
3. Measures to control infections spread associated medical tourism
Dr. Enas Gewely
4. Sero-Prevalence of Brucellosis Among Householders with Positive Animals Foci in Selected Districts- Kafr Sheikh Governorate, Egypt, 2017-2018
Dr. Shimaa Okasha
5. A recombinant influenza A/H1N1 carrying a short immunogenic peptide of MERS-Co V as an efficient bivalent candidate human vaccine
Asst. Researcher. Mahmoud M. Shehata
6. Host range evolution of H5-type avian influenza A virus towards mammalian tropism in Egypt, 2014-2015
Asst. Researcher. Sara Hussein
7. Incidence and sero prevalence of influenza A viruses among Egyptian during 2017-2019: A cohort study
Asst. Researcher. Mokhtar Gomaaa
8. Genetic diversity of Astro viruses circulating in human in Egypt
Asst. Researcher. Ahmed Nageh
9. Modeling of Viral hepatitis C possibility of endemic transmission risk in Egypt
Dr. Aya Gad
10. Surveillance for avian Influenza viruses in wild birds in Egypt
Asst. Researcher. Ahmed S. Kayed
11. Seroprevalence, isolation, molecular detection and genetic diversity of Toxoplasma gondii from different animal species and poultry in Egypt
Prof. Dr. Khaled Abd Elhamid