

PHARMACISTS IN FRONTLINES

NEW CHALLENGES & INNOVATIVE SOLUTIONS

12-13
Dec.2020

Agenda-Day 1

Saturday, December 12th, 2020

Opening Session



Welcome to the MSA University

10:30 - 11:00
GMT+2

Prof. Dr. Khairy Abdel Hamid
MSA University -President



Welcome to the Faculty of Pharmacy

10:30 - 11:00
GMT+2

Prof. Dr. Hanan El Laithy
Faculty of Pharmacy - Dean

Session 1



**Antiviral siRNA delivery using
recombinant proteins and exosomes**

11:00 - 11:30
GMT+2

Dr. Simon Richardson
University of Greenwich, UK



**Nanomedicines for brain
diseases and cancers**

11:30 - 12:00
GMT+2

Dr. Katerina Lalatsa
University of Portsmouth, UK

Agenda-Day 1

Saturday, December 12th, 2020

Session 1



**COVID 19 and AMR common challenges, threats,
joint prevention and control activities**

**12:00 - 12:30
GMT+2**

Dr. Omar Abouelata
World Health Organization (WHO), Egypt

Coffee break From 12:30 to 01:00 GMT+2

Session 2 - Artificial Intelligence



Machine learning methods in drug delivery

**01:00 - 01:30
GMT+2**

Prof. Dr. Rania Hathout
Ain Shams University, Egypt



Intelligent healthcare 1

**01:30 - 02:00
GMT+2**

Eng. Yousry Atlm
Huawei, Egypt



Intelligent healthcare 2

**02:00 - 02:30
GMT+2**

Eng. Medhat Mahmoud
Huawei, Egypt

Agenda-Day 1

Saturday, December 12th, 2020

Session 2



**Role of pharmacist in boosting health economy:
New opportunities**

**02:30 - 03:00
GMT+2**

Dr. Gihan Hamdy El-Sisi
HTA office, Egypt

Lunch break From 03:00 to 04:00 GMT+2

Workshops (in parallel sessions) 04:00 - 06:00 GMT+2



**MS-based metabolomics
applications in pharmacy**

Mohamed Abd Allah Salem (PhD)



**Genetic toxicology: A regulatory requirement
in the discovery and development
of new pharmaceuticals**

Eman Gomaa (PhD)



**Concomitant application of quality by design
and artificial intelligence in drug delivery**

Marwa Hamdi (PhD) and Omar El Kady (PhD)

Agenda-Day 2

Sunday, December 13th, 2020

Session 1



COVID-19 Wave preparedness plan

**11:00 - 11:45
GMT+2**

Dr. Islam Anan
Accsight Research Offices, Egypt



Safety monitoring for COVID-19 vaccines

**11:45 - 12:30
GMT+2**

Dr. Hadeer Rostom
International Society of Pharmacovigilance (ISoP), Egypt



**Rameda pharmaceuticals:
Providing innovative solutions to
meet therapeutic needs and challenges**

**12:30 - 01:00
GMT+2**

Dr. Hussien Azmy
Rameda Pharmaceuticals, Egypt



**Polypharmacology: Multiple ligands -
A challenge for the medicinal chemist**

**01:00 - 01:30
GMT+2**

PD Dr Martin Frotscher
Saarland University, Germany

Coffee break From 01:30 to 02:30 GMT+2

Agenda-Day 2

Sunday, December 13th, 2020

Session 2



Baloxavir marboxil: A novel antiviral agent for treatment of uncomplicated influenza

Dr. Hazem E. Hassan
Regeneron Pharmaceutical Inc., USA

02:30 - 03:00
GMT+2



An update on the diagnosis & management of COVID-19

Prof. Dr. David M. Aronoff
Vanderbilt University Medical Center, USA

03:00 - 03:30
GMT+2

Closing Session From 03:30 to 04:00 GMT+2

Conference closing and recommendations

Agenda-Day 2

Sunday, December 13th, 2020

Workshops (in parallel sessions) **04:00 - 06:00 GMT+2**



Advanced technologies for stem cell research

Amira Abdeldaim (PhD)



**Gene expression (RNA Seq) analysis using
R programming language**

Zeinab Kamel

SCHRÖDINGER.

Introduction to structure-based drug design

Schrödinger

AstraZeneca

Marketing in pharmaceutical companies

Mostafa Awwad – AstraZeneca

AstraZeneca

SCHRÖDINGER.

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