

FACULTY OF
PHARMACY

كلية الصيدلة

جامعة الإسكندرية
ALEXANDRIA
UNIVERSITY



2nd INTERNATIONAL CONFERENCE
& EXHIBITION ON PHARMACEUTICAL
& HEALTHCARE SCIENCES

PHS 2022

EGYPT VISION FOR
HEALTHCARE 2030

23-24 NOVEMBER, 2022
HILTON ALEXANDRIA GREEN PLAZA

Scientific Program





Welcome to **PHS 2022**

UNDER THE PATRONAGE OF

Prof. Abdelaziz Konsowa

President of
Alexandria University

Prof. Wael Abdelsalam

Vice-President for Education
& Students Affairs

Prof. Ashraf Elghandour

Vice President of Alexandria University
for Graduate Studies and Research and
Acting Vice President for Community Service
and Environmental Development Affairs

Faculty of Pharmacy Alexandria University has the pleasure to welcome you to the
"2nd International Conference & Exhibition on Pharmaceutical & Healthcare Sciences PHS 2022"
held in Hilton Green Plaza, Alexandria, Egypt on 23-24 November 2022.

The conference goes to the heart of all aspects related to pharmaceutical sciences, pharmacy education and practice as well as healthcare sustainable development. Distinguished speakers, eminent scientists, researchers, industry leaders & representatives, entrepreneurs, and other pharmacy and healthcare professionals have the opportunity to gather, present their cutting-edge discoveries and share their expertise, trends as well as practical challenges.

The conference will provide an ideal atmosphere for enhancing discussions and communications through keynote talks, interactive sessions, oral and poster presentations and workshops addressing recent advances in the field of pharmaceutical and healthcare sciences.

We hope you enjoy your stay during PHS 2022 in Alexandria "The Pearl of the Mediterranean" known by its beauty, ambiance, history and cultural heritage.

CONFERENCE BOARD



Conference President
Prof. Mervat Kassem
Dean of Faculty of Pharmacy - Alexandria University



Conference Chairman
Prof. Sherif Rostom
Vice-Dean for Community Services
and Environmental Development



Advisory Board Member
Prof. Labiba K. El-Khordagui
Professor of Pharmaceutics



Conference Co-Chairman
Prof. Magda EL-Massik
Professor of Pharmaceutics



Conference Co-Chairman
Prof. Wael Samy
Professor of Industrial Pharmacy



Conference Secretary General
Prof. Rasha M. Youssef
Professor of Pharmaceutical Analytical Chemistry

ORGANIZING COMMITTEE



Chairman:
Assoc. Prof. Samah M. El Sohafy
Assoc. Professor of Pharmacognosy

Committee Members:

Assoc. Prof. Amr M. Elhawiet
Assoc. Prof. Hanan M. Ragab
Assoc. Prof. Nelly M. Mohamed
Assoc. Prof. Perihan A. Elzahhar
Dr. Lamia A. Heikal
Dr. Noha K. Abo Aasy
MSc. Hebat-ALLAH I. Mandour
Ph. Ahmed Azab

SCIENTIFIC COMMITTEE



Chairman:
Prof. Mona H. Badr
Professor of Medicinal Chemistry

Committee Members:

Assoc. Prof. Alyaa Ramadan
Assoc. Prof. Amira Elyazby
Assoc. Prof. Marwa A. Sallam
Dr. Heba K. Ashour
Dr. Noha A. Hamdy
Dr. Mohamed M. Moheyeldin
Dr. Radwa Ewaisha
Dr. Michael G. Shehat

INTERNATIONAL GUEST SPEAKERS

Arranged alphabetically



**Professor
Abdullah Al Balushi**
Oman



**Professor
Ingolf Cascorbi**
Germany



**Assoc. Professor
Ahmed Belal**
Canada



**Doctor
Mahmoud Foudeh**
Jordan



**Doctor
Ahmed Gharib**
USA



**Mr
Michael Rouse**
USA



**Professor
Ann Daly**
Ireland



**Professor
Nathalie Khoueiry Zgheib**
Lebanon



**Doctor
Ashraf El-Fiky**
USA



**Assist. Professor
Omar EL-Halfawy**
Canada



**Professor
Ayman Noreddin**
Canada



**Professor
Shaker Mousa**
USA



**Professor
Claus-Michael Lehr**
Germany



**Assoc. Professor
Thamer Alshammari**
KSA



**Assist. Professor
Hagar Labouta**
Canada



**Professor
Vangelis Manolopoulos**
Greece

NATIONAL SPEAKERS



Arranged alphabetically



Professor
Ahmed Fathi ELkeraie



Assoc. Professor
Amr EL-Hawiet



Doctor
Engy Emam



Professor
Hussein El-Subbagh



Professor
Ahmed Souka



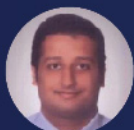
Doctor
Amr Saad



Doctor
Esraa Alaa



Doctor
Maha Refaat



Professor
Ahmed Wahid



Professor
Ashraf El-Ghandour



Assist. Professor
Gihan Elsisi



Professor
Mahmoud El-Zalabany



Professor
Aiman El-khatib



Science Journalist
Bothina Osama



Doctor
Heba Mostafa fayed



Doctor
Mariam Karam



Professor
Amany El-Sharif



Professor
Diaa Youssef



Doctor
Heba Sabry



Doctor
May Ahmed Abd El Aal



Doctor
Enas Abdelaziz



Doctor
Horeya Mohamed Ismail



Professor
Medhat Al-Ghobashy



Doctor
Nancy Mahfouz



Professor
Ramy Karam Aziz



Assist. Professor
Samar El Achy



Doctor
Moataz El Abassy



Doctor
Nancy Sorour



Doctor
Rania Farouk Rageh



Doctor
Sara Samir Nasr



Professor
Mohamed Farag



Professor
Nihal El-Habachi



Professor
Rania Hathout



Doctor
Shaymaa Aly Ibraheem



Professor
Mohamed Sobhy



Doctor
Nilly Shams



Doctor
Rasha Wafaie



Professor
Soad Farid Hafez



Doctor
Nagwa Essam Eldin



Doctor
Noha Alaa



Science Journalist
Rehab Abd Almohsen



Doctor
Waleed Hamdy Nafae



Doctor
Radwa Ewaisha



Doctor
Rowan Gadelkarim

DON'T MISS OUR WORKSHOPS

WORKSHOP 1

SCIENCE COMMUNICATION FOR RESEARCHERS

23 November 2022

15:15 - 16:45

BY:

Science Journalist

Bothina Osama

Science Journalist

Rehab Abd Almohsen

WORKSHOP 2

PALLIATIVE CARE

24 November 2022

14:30 - 16:00

BY:

Doctor

Mahmoud Foudeh

Doctor

Waleed Hamdy

Doctor

Horeya Ismail

THANK YOU OUR GENEROUS SPONSORS



SPEAKERS INSTRUCTIONS

Congress halls will be equipped with:

A laptop with Microsoft Windows 11 and Microsoft Office 2019.
Internet access will NOT be available inside the meeting rooms.

To ensure that the meeting progresses smoothly, please follow the following instructions:

- All presentations should be recorded on a USB flash memory (preferred) or CD-R.
- Please save presentations in PowerPoint 2007 or later format for PC.
- Upload your presentation early to the Audiovisual Center (RM Events) as we will load the presentations to the hard drive of our systems before the sessions by one hour.
- No personal laptops are permitted for presentations.
- In case you have problems with your presentation(s), please do not hesitate to contact the IT support team (RM Events).

COMPUTERIZED COUNT-DOWN *Timer*

will monitor speakers' time

So make sure to present during the given time,
as NO EXTRA TIME IS ALLOWED



Powered by:

RM EVENTS

SCIENTIFIC PROGRAM ▶

Day One

WEDNESDAY
23 NOVEMBER 2022



WEDNESDAY
23RD NOVEMBER, 2022

DAY ONE

08:30 - 10:00 | Registration

HALL A

10:00 - 11:40

Opening/ Plenary Session

Egypt's Vision 2030 for Pharmaceutical Development & Healthcare

Moderators

Mohamed Etman, Wael Samy

10:00 - 10:15

Welcome Note by PHS 2022 Chairman

Sherif Rostom

10:15 - 10:25

Egyptian Drug Authority: An Overview

Aiman El-Khatib

10:25 - 10:45

EDA Reference Laboratories: Modernization of National Pharmaceutical Industry

Medhat Al-Ghobashy

10:45 - 11:05

Branding Pharmacy Via Education: An Outlook

Ayman Noreddin

11:05 - 11:25

Regulatory Governance of Clinical Trials: Pharmacovigilance and Safety Perspective

Ashraf El-Fiky

11:25 - 11:40

Discussion

11:40 - 12:15 | Coffee Break & Poster Session

HALL A

12:15 - 13:45

Track: Novel Aspects in Pharmacotherapy

Moderator

Ahmed Shama, Hanan El Goweilli

12:15 - 12:40

Pharmacovigilance in Oncology

Ashraf Elghandour

12:40 - 13:05

Advances in Pharmacotherapies: A Personalized Medicine Approach

Mahmoud El-Zalabany

13:05 - 13:30

Recent Advances in Antimicrobial Therapy

Ayman Noreddin

13:30 - 13:45

Discussion

HALL A

13:45 - 14:15
Sanofi Symposium

13:45 - 14:15

Dapagliflozin Use Beyond Glycemic Control; When Pharmacists Role Becomes More Important than Ever
Mohamed Sobhy

14:15 - 15:15 | Lunch Break

HALL A

15:15 - 16:45
Track: Clinical Pharmacy Practice and Patient Care (Session 1)

Moderators

Mohamed Onsy, Alyaa Ramadan

15:15 - 15:40

Expanding Pharmacovigilance to New Horizon
Amr Saad

15:40 - 16:05

Clinical Trial in Egypt: Opportunities and Challenges
Nihal El-Habachi

16:05 - 16:30

Job Opportunities in HE
Gihan Elsis

16:30 - 16:45

Discussion

HALL A

17:00 - 18:00
Opening Ceremony

17:00 - 17:15

Welcome Note by PHS 2022 President
Mervat Kassem

WEDNESDAY
23RD NOVEMBER, 2022

DAY ONE

HALL B

12:15 - 13:45

Track: Pharmacy Education

Moderators

Nourhan Fanaki, Amal Galal

12:15 - 12:40

Future of African Higher Education

Amany El-Sharif

12:40 - 13:05

**Online Pharmacogenomics and Personalized Medicine Postgraduate Program.
A Program for the Future**

Ahmed Wahid

13:05 - 13:30

ACPE International Accreditation of Pharmacy Education

Michael Rouse (Virtual)

13:30 - 13:45

Discussion

HALL B

13:45 - 14:15

Arab Academy Symposium



13:45 - 14:00

The Civic University Towards a Sustainable Healthcare

Rania Farouk Rageh

14:00 - 14:15

Intelligent Medical Education in the Era of Artificial Intelligence: AASTMT Experience

Maha Refaat

14:15 - 15:15 | **Lunch Break**

HALL C

12:15 - 13:45

Track: EDA Session

Moderators

Hadir Maher, Khaled El-Menshaw

12:15 - 12:40

Biosimilars: Prospective Towards Industry Localisation

May Ahmed Abd El Aal

12:40 - 13:05

Fingerprinting, Mathematical Modeling for Certification of Reference Materials

Heba Mostafa Fayed

13:05 - 13:30

Pharmaceutical Product Development: Case Studies for Regulatory-Grade Research Services

Shaymaa Aly Ibraheem

13:30 - 13:45

Discussion

HALL C

13:45 - 14:15

I-Care Symposium



13:45 - 14:15

Screening Diabetic Patients Using New Ultra Wide Field Imaging : A Paradigm Shift in Ophthalmology

Ahmed Souka

14:15 - 15:15 | Lunch Break

HALL C

15:15 - 16:45

Track: Recent Advances in Microbiology, Immunology and Biotechnology

Moderators

Mostafa Fahmy, Azza Zakaria

15:15 - 15:35

Egypt & Global Pandemics & Local Epidemics

Soad Farid Hafez

15:35 - 15:55

Anti-microbial Stewardship, a Pharmacy Perspective

Abdullah Al Balushi

15:55 - 16:15

Pharmacomicrobiomics: Microbes as Drug Dealers!

Ramy Karam Aziz

16:15 - 16:35

Host Glycan Binding To SARS-Cov-2 Spike Protein and Its Role in Viral Infectivity and Cell Entry

Amr El-Hawiet

16:35 - 16:45

Discussion

WEDNESDAY
23RD NOVEMBER, 2022

DAY ONE

HALL D

12:15 - 13:45

Clinical Pharmacy Practice in Alexandria University Hospitals

Moderators

Eman Atta, Heba Othman

12:15 - 12:35

**Uncommon Septic Arthritis Case Presentation in Pediatrics:
Clinical Pharmacy Interventions**

Heba Sabry

12:35 - 12:55

A Case of Postsurgical Complications in Hepatic Patient

Esraa Alaa

12:55 - 13:15

Nutritional Intervention in Acute Necrotizing Fasciitis: Case Presentation

Nancy Sorour, Rowan Gadelkarim

13:15 - 13:35

**Focus on Updated Treatment Guidelines for UTI (Caused by Antimicrobial Resistant
Organisms) with Presentation of Cultures Related to Urological Cases
(ex Perinephric Abscess)**

Mariam Karam

13:35 - 13:45

Discussion

14:15 - 15:15 | Lunch Break

HALL D

15:15 - 16:45

Workshop: Science Communication for Researchers

Bothina Osama

Rehab Abd Almohsen

SCIENTIFIC PROGRAM

Day Two

THURSDAY
24 NOVEMBER 2022



THURSDAY
24TH NOVEMBER, 2022

DAY TWO

HALL

A

09:30 - 11:00

Track: Clinical Pharmacy Practice and Patient Care (Session 2)

Moderators

Nawal Khalaf Allah, Noha Alaa

09:30 - 09:55

Herbal Medicine Safe Practice How to Implement?

Ahmed Fathi ELkeraie

09:55 - 10:20

Updates in Pharmacovigilance Worldwide and in the Middle East

Thamir Alshammari

10:20 - 10:45

Dieting Through the Decades: From Byron to Sugar Sucks Diet

Nilly Shams

10:45 - 11:00

Discussion

11:00 - 11:30 | **Coffee Break & Poster Session**

HALL

A

11:30 - 13:00

Track: Drug Discovery (Session 1)

Moderators

Maged Saad, Samah El Sohafy

11:30 - 11:55

Behind The Scenes of Symbiotic Relationships, Novel Insights as Revealed Using Metabolomics in Plants, Sea Corals and Humans

Mohamed Farag

11:55 - 12:20

Medical Imaging for Discovering and Monitoring Drugs

Ahmed Gharib

12:20 - 12:45

Marine Natural Products in Drug Discovery: Current Status and Future Prospects

Diaa Youssef

12:45 - 13:00

Discussion

HALL A

13:00 - 13:30
ACINO Symposium

13:00 - 13:30

Pain Perception and Management
Moataz El Abassy

13:30 - 14:30 | **Lunch Break**

HALL A

14:30 - 16:00
Track: Drug Discovery (Session 2)

Moderators

Azza Abd Elkader, Hala Fouad

14:30 - 14:55

Synthesis, Biological Evaluation, and Molecular Modeling Simulation of New Heterocyclic Hybrids as Multi-targeted Anti- Alzheimer's Agents
Hussein El-Subbagh

14:55 - 15:20

Multi-target Directed Ligands (MTDLs) as a Powerful Medicinal Chemistry Strategy to Combat Complex Scenario Disorders
Ahmed Belal

15:20 - 15:45

New Strategies and Targets for Antibiotic Drug Discovery
Omar EL-Halfawy

15:45 - 16:00

Discussion

16:00 - 17:00 | **Closing Ceremony**

THURSDAY
24TH NOVEMBER, 2022

DAY TWO

HALL B

09:30 - 11:00

Track: Pharmacogenomics and Precision Medicine

Moderators

Sahar El-Gowilly, Ahmed Wahid

09:30 - 09:50

Pharmacogenetics of Depressive Disorders

Ingolf Cascorbi

09:50 - 10:10

Pharmacogenotyping: a Proposed Gene Panel

Ann Daly

10:10 - 10:30

Implementing Pharmacogenetic Testing in Fluoropyrimidine- treated Cancer Patients to Prevent Toxicity

Vangelis Manolopoulos

10:30 - 10:50

Pharmacogenomics of Childhood Leukemia: From Research to Clinical Practice

Nathalie Khoueiry Zgheib

10:50 - 11:00

Discussion

11:00 - 11:30 | **Coffee Break & Poster Session**

HALL B

11:30 - 13:00

Track: Pharmaceutical Technology and Nanomedicine (Session 1)

Moderator

Labiba El-Khordagui

11:30 - 11:55

Drug Delivery Across Biological Barriers for Combatting Infectious Diseases

Claus-Michael Lehr

11:55 - 12:20

Dynamic Organ-on-a-Chip Models: Bringing Bio-relevance to In vitro Evaluation of Nanoparticles

Hagar Labouta

12:20 - 12:45

Nanocarriers for Attempted Simultaneous Delivery of Structurally Different Polynucleotides Encoding Antigens and Adjuvants

Sara Samir Nasr

12:45 - 13:00

Discussion



HALL B

13:00 - 13:30
GSK Symposium

13:00 - 13:30

Centrum Available Now
Peter Hany

13:30 - 14:30 | **Lunch Break**

HALL B

14:30 - 16:00
Track: Pharmaceutical Technology and Nanomedicine (Session 2)

Moderators

Magda El Massik, Mohamed Mehanna

14:30 - 14:55

**The Evolving Landscape of Genetic Therapeutics;
How Nanomedicine Comes to The Rescue**
Samar El Achy

14:55 - 15:20

**Pharmaceutics Informatics: A Magical Tool to Advance the Drug Formulation
and Delivery Research**
Rania Hathout

15:20 - 15:45

**Impact of Nanobiotechnology on the Future of Medicines: The Road Toward
Precision Medicines- Case studies**
Shaker Mousa (Virtual)

15:45 - 16:00

Discussion

THURSDAY
24TH NOVEMBER, 2022

DAY TWO

HALL C

09:30 - 11:00
Track: Thinking Green

Moderator

Lamia Ahmed Heikal

09:30 - 09:55

Climate Change and Global Health: Impacts, Awareness, Preparedness, and Response
Radwa Ewaisha

09:55 - 10:20

The Three Major Environmental Issues and Ways to Combat Them
Nagwa Essam Eldin

10:20 - 10:30

Thinking Green Today for a Better Tomorrow
Presented by Community Service and Environmental Development Sector
Created by: Assoc. Prof. Samah M. El Sohafy and Dr. Ahmed Azab Nada.

10:30 - 11:00

Discussion

11:00 - 11:30 | **Coffee Break & Poster Session**

HALL C

11:30 - 13:00
Bridging the Gap Between Academia and Practice: A Clinical Pharmacy Perspective

Moderator

Riham El-Moslemany

11:30 - 11:45

Integrating Clinical Expertise into Students Classroom
Noha Alaa

11:45 - 12:00

Clinical Pharmacy Tricks in Cardiology Management
Rasha Wafaie

12:00 - 12:15

Nephrology Polypharmacy Management: Clinical Pharmacy Perspective
Engy Emam

12:15 - 12:30

Empowering Pharmacists as Psychoeducators to Fight Stigma Against Mental Disorders and Improve Treatment Outcomes: From Theory to Clinical Practice
Nancy Mahfouz

12:30 - 12:45

Clinical Pharmacy Approach in HCV Management with Kidney Transplantation
Enas Abdelaziz

12:45 - 13:00

Discussion

13:30 - 14:30 | **Lunch Break**

HALL



**14:30 - 16:00
Student's Session**

Moderators

Thamir Alshammari, Hebat-ALLAH Mandour

14:30 - 14:45

Benzenesulfonamido Hydrazones as Open Chain Analogs of Celecoxib: Design, Synthesis, Biological Evaluation and In Silico Studies

Presented by: Ola A. Elbadry, Eman A. Hassanin

Supervisor: Ahmed Belal, Perihan Elzahhar

14:45 - 15:00

Role of Glycogen Synthase Kinase Canonical WNT Signaling in Adipose Tissue Dysfunction in Obesity and Related Metabolic Disorders

Presented by: Ahmed S. Khalifa, Amr Y. Seddik, Esraa G. El-Nagar

Supervisor: Ahmed El-Yazbi

15:00 - 15:15

Management of Coagulopathy Problems in Critically Ill Cancer Patients

Presented by: Esraa M. Rashed, Reem M. Mohamed

Supervisor: Noha Alaa Hamdy

15:15 - 15:30

Using Different Techniques in Analyzing the Biomarkers Found in DNA Damage

Presented by: Ayat M. Mohamed

Supervisor: Amira El-Yazbi

15:30 - 16:00

Discussion



THURSDAY
24TH NOVEMBER, 2022

DAY TWO

HALL D

14:30 - 16:00

Workshop: Palliative Care

Mahmoud Foudeh

Waleed Hamdy

Horeya Ismail

Check the Abstract Booklet

<https://phs-eg.com/abstract-booklet/>



Organizing office in charge

RM EVENTS

Mobile: +20 1223925628, +20 1275580666

E-mail: conferences@rmsolutions.net

Web: www.rm-events.org