



# 13<sup>th</sup> ASSIUT DIPSC INTERNATIONAL PHARMACEUTICAL SCIENCES CONFERENCE

PHARMACEUTICAL RESEARCH AND DRUG INDUSTRY IN LIGHT OF  
EGYPT'S VISION FOR SUSTAINABLE DEVELOPMENT 2030

**18-19**  
NOVEMBER, 2022  
LUXOR, EGYPT



**13<sup>th</sup> ASSIUT  
BiPSC**  
INTERNATIONAL PHARMACEUTICAL  
SCIENCES CONFERENCE



UNDER PATRONAGE OF

**PROF. MOHAMED AYMAN ASHOUR**

MINISTER OF HIGHER EDUCATION & SCIENTIFIC RESEARCH

**PROF. AHMED EL- MINSHAWY**

PRESIDENT OF ASSIUT UNIVERSITY

**PROF. AHMED MOHAMED ABD EL-MAWLA**

VICE PRESIDENT FOR EDUCATION AND STUDENT AFFAIRS  
CHAIRMAN, DEAN OF FACULTY OF PHARMACY

**PROF. GIHAN FETIH**

SECRETARY GENERAL, VICE-DEAN FOR  
GRADUATE STUDIES AND RESEARCH





## WELCOME NOTE

Faculty of Pharmacy, Assiut University takes a great pride in welcoming you to the 13th International Pharmaceutical Sciences Conference. Our series of conferences has the tradition to explore innovative ideas in different aspects of pharmaceutical sciences. This year's conference theme (Pharmaceutical Sciences between Research and application) reflects our focus on the significance of the impact of pharmaceutical research on development of society. We are looking forward to your valuable participation in our upcoming conference.

### SCOPE

The main aim of the conference is to create distinguished links among the researchers in different pharmaceutical sciences areas, academics, undergraduate students, industrial pharmaceutical executives, investors and marketing people. Keynotes and planetary lecturers will be included in the conference in addition to oral as well as poster presentations.

### MAIN TOPICS

- Challenges in Novel Drug Delivery Systems.
- Nanotechnology.
- Innovations in Pharmaceutical Industries.
- New Aspects of Natural Products in Drug Discovery.
- Computer-Aided Drug Design.
- Current Trends in Drug Synthesis.
- Pharmaceutical Biotechnology.
- Bioanalytical Chemistry.
- Pharmacoeconomics.
- Evidence-Based Pharmaceutical Care.
- Advances in Pharmacotherapy



9:30 AM – 10:00 AM	REGISTRATION
10:00 AM – 12:00 PM	OPENING CEREMONY
<b>CHAIRPERSONS:</b> PROF. DR. AHMED MOHAMED ABD EL-MAWLA , PROF. DR. GIHAN FETIH, PROF. DR. MOHAMED MAHMOUD ABDEL- LATIF, PROF. DR. HASSAN REFAT HASSAN	
12:00 PM – 1:00 PM	PRAYER
1:00 PM – 1:30 PM	BREAK
1:30 PM – 3:40 PM	SESSION 1

**CHAIRPERSONS:**

PROF. DR. MAHMOUD MOHAMED SHEHA , PROF. DR. AHMED MOHAMED ABD EL-MAWLA , PROF. DR. GIHAN FETIH

1:30 PM – 1:55 PM	<b>Evolution of Pharmaceutics Informatics Tools in the Modeling and Prediction of Drug Payload in Nanocarriers</b> <b>PROF. DR. RANIA MOHAMMED HATHOUT</b> <i>Professor and Head of Department of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Ain Shams University</i>
1:55 PM – 2:20 PM	<b>Challenges in Natural Products Research</b> <b>PROF. DR. SAMIR A. ROSS</b> <i>Research Professor At NCNPR and Professor of Pharmacognosy at BMS Department ,School of Pharmacy , University of Mississippi</i>
2:20 PM – 2:50 PM	LUNCH
2:50 PM – 3:15 PM	<b>Academia and Industry Collaboration</b> <b>PROF. DR. TAHANI EL-FAHAM</b> <i>Professor at Department of Pharmaceutics, Faculty of Pharmacy, Assiut University</i>
3:15 PM – 3:40 PM	<b>EthR Inhibitors: A New Class of Anti –Tuberculosis Drugs</b> <b>PROF. DR. SAMEH SOROR</b> <i>Professor of Biochemistry and Molecular Biology, Dean of the Faculty of Pharmacy, Helwan University</i>
3:40 PM – 4:40 PM	POSTERS EXHIBITION
4:40 PM – 6:10 PM	SESSION 2 ( ORAL PRESENTATION )

**CHAIRPERSONS:**

PROF. DR. MAHROUS OSMAN , PROF. DR. MAHMOUD EL-BADRY , PROF. DR. SOAD ABDELLATIEF HASSAN

4:40 PM – 4:55 PM	<b>Abiotic Stresses Effects on the Metabolites and Bioactivities of <i>Balanites aegyptiaca</i> L. grown in Egypt</b> <b>DR. AHMED MOHAMED ZAHER</b> <i>Department of Pharmacognosy, Faculty of Pharmacy, Assiut University</i>
4:55 PM – 5:10 PM	<b>Plant Metabolomics Studies: Principals and Applications.</b> <b>DR. ROFIDA MOSTAFA ALI WAHMAN</b> <i>Department of Pharmacognosy, Faculty of Pharmacy, Assiut University</i>
5:10 PM – 5:25 PM	<b>Design, Synthesis and Biological Evaluation of Some New Heterocyclic Derivatives of 4-Aminosalicylic Acid as Potential Antimycobacterial Agents</b> <b>MR. AHMED MAHMOUD MOUSTAFA</b> <i>Demonstrator at Pharmaceutical Organic Chemistry Department</i>
5:25 PM – 5:40 PM	<b>Synthesis, Biological Evaluation and Molecular Modelling Study of Novel Piperazine Carboxylic Acid Derivatives as Potential Multitarget Anti – Alzheimer's Agents.</b> <b>MS. AYA MAMDOUH SOLIMAN</b> <i>Demonstrator at Medicinal Chemistry Department , Faculty of Pharmacy, Assiut University</i>
5:40 PM – 5:55 PM	<b>Synthesis and Anticancer Activity of Substituted 1,2,4-Triazoles</b> <b>MR. OSMAN MOHAMED HASSAN</b> <i>Student Research Unit, Faculty of Pharmacy, Assiut University</i>
5:55 PM – 6:10 PM	<b>Ionic Liquids: Exploiting the Power of Liquid for Drug Delivery Applications</b> <b>DR. SARA A. ABOUELMAGD</b> <i>Associate Professor of Pharmaceutics, Faculty of Pharmacy, Assiut University</i>
6:10 PM	TOUR

10:00 AM - 1:00 PM

SESSION 1

**CHAIRPERSONS:**

PROF. DR. TAREK ABOUL-FADL, PROF. DR. MOHAMED MAHMOUD ABDEL-LATIF, PROF. DR. IKRAMY A. KHALIL

10:00 AM - 10:25 AM	<b>Novel Xanthine Derivatives as Potential Apoptotic Antitumor Agents</b> <b>PROF. DR. ALAA ARAFAT HAYALLAH</b> <i>Pharmaceutical Organic Chemistry Department - Faculty of Pharmacy, Assiut University, Vice Dean for Education &amp; Student Affairs, Faculty of Pharmacy, Sphinx University</i>
10:25 AM - 10:50 AM	<b>Towards Discovery of Potent Anti-Angiogenic Agents with VEGFR-2 Inhibitory Activity From Different Scaffolds</b> <b>PROF. DR. KHALED ABOUZID</b> <i>Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Ain Shams University</i>
10:50 AM - 11:15 AM	<b>Future of Pharmacy Jobs and Professions: Sustainable Career Mentoring Platform 2050</b> <b>PROF. DR. MOHAMED A. HAMZAWY</b> <i>Acting Vice Dean for Education &amp; Students Affairs Acting Head of Pharmacology and Toxicology Department Faculty of Pharmacy, Fayoum University</i>
11:15 AM - 11:40 AM	<b>Insights on Patents as One of the Intellectual Property Rights</b> <b>PROF. DR. GIHAN TAHA</b> <i>Scientific of Counsel at Ibraachy and Dermarkar (I&amp;D) Legal Firm</i>
<b>11:40 AM - 12:10 PM</b>	<b>BREAK</b>
12:10 PM - 12:35 PM	<b>Multifunctional Envelope-type Nano Device from Controlled Intracellular Trafficking to Clinical Application for Nanomedicines</b> <b>PROF. DR. HIDEYOSHI HARASHIMA</b> <i>Laboratory for Molecular Design of Pharmaceuticals Laboratory of Innovative Nanomedicine Faculty of Pharmaceutical Sciences Hokkaido University</i>
12:35 PM - 1:00 PM	<b>Filming the Unseen: Applications of 4D Atomic Force Microscopy (4DAFM) in Pharmaceutical &amp; Bio-Nanomaterial Sciences</b> <b>DR. HOSSAM ABDELHADY</b> <i>Associate Professor Pharmacology, Department of Physiology &amp; Pharmacology College of Osteopathic Medicine, Sam Houston State University</i>

1:00 PM - 3:15 PM

SESSION 2 ( ORAL PRESENTATION )

**CHAIRPERSONS:**

PROF. DR. ALY ABDEL ZAHER ABDEL-RAHMAN , PROF. DR. ALAA ARAFAT HAYALLAH , PROF. DR. HASSAN REFAT HASSAN

1:00 PM - 1:15 PM	<b>Clinical Pharmacy Practice in Egypt: Advances and Perspectives</b> <b>PROF. DR. MOHAMED MAHMOUD ABDEL- LATIF</b> <i>Professor of Clinical Pharmacy , Vice-Dean for Community Services, Environmental Affairs, Faculty of Pharmacy, Assiut University</i>
1:15 PM - 1:30 PM	<b>Spleen Targeting for Genetic Vaccination</b> <b>PROF. DR. IKRAMY A. KHALIL</b> <i>Department of Pharmaceutics, Faculty of Pharmacy, Assiut University</i>
<b>1:30 PM - 2:30 PM</b>	<b>LUNCH</b>
2:30 PM - 2:45 PM	<b>Integrated Pharmaceutical Technology Cycle for R&amp;D (IPTC)</b> <b>PROF. DR. KORANY ABDALLA KHALIL ALI</b> <i>General Coordinator &amp; PI of the National Alliance of Pharmaceutical Industry National Research Centre</i>
2:45 PM - 3:00 PM	<b>Implementation Policy for Antimicrobial Prophylaxis at Adult Surgery Unit in Qena General Hospital</b> <b>DR. RADWA SAAD HUSSEIN</b> <i>Clinical Pharmacist Inspector, Clinical Pharmacy Inspection Department, General Administration of Pharmacy, Qena government</i>
3:00 PM - 3:15 PM	<b>Implementation of Clinical Pharmacy Service in Qena General Hospital , Story &amp; Outcomes</b> <b>DR. ABDEL SALAM TAMERIK</b> <i>Clinical Pharmacy Inspector Qena Government Senior of Clinical Pharmacy, SQH</i>
<b>3:15 PM</b>	<b>CLOSING CEREMONY</b>

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DAY 2 SATURDAY - NOVEMBER 19, 2022

THANKS TO OUR SUCCESS PARTNER



Medical Union  
Pharmaceuticals

# 13<sup>th</sup> ASSIUT DIPSC

INTERNATIONAL PHARMACEUTICAL  
SCIENCES CONFERENCE



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**CAIRO BRANCH**

62 MAKRAM EBEID ST., 6<sup>th</sup> ZONE, NASR CITY, 4<sup>th</sup> & 5<sup>th</sup> FLOOR ☎ (226721944 - 226718421 (20+

**ASSIUT BRANCH**

4 STREET 11, TAKSEEM EL-HOKOKEYIN, IN FRONT OF DAR EL-MONASSABAT, 2<sup>nd</sup> FLOOR  
☎ (+20) 88 21 288 85

**DELTA BRANCH**

MANSOURA: EL-GOMHURIA ST., TAREK EL-ZEINY BUILDING, 2<sup>nd</sup> FLOOR, APARTMENT NO.5  
☎ (42 864 23 50 (20+ ☎ INFO@EGYPURE.ORG

