



ASSIUT 12TH IPSC

INTERNATIONAL PHARMACEUTICAL SCIENCES CONFERENCE

FACULTY OF PHARMACY, ASSIUT UNIVERSITY

PHARMACEUTICAL SCIENCES BETWEEN RESEARCH AND APPLICATION



NOVEMBER 4 - 5, 2020



VIRTUAL CONFERENCE

UNDER THE PATRONAGE OF

GENERAL. ESSAM SAAD IBRAHIM
ASSIUT GOVERNOR

PROF. TAREK EL GAMMAL
PRESIDENT OF ASSIUT UNIVERSITY

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PROF. AHMED EL-MINSHAWY
VICE-PRESIDENT FOR GRADUATE STUDIES AND RESEARCH

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DEAN OF FACULTY OF PHARMACY

SECRETARY GENERAL

PROF. GIHAN FETIH
VICE-DEAN FOR GRADUATE STUDIES AND RESEARCH

Faculty of Pharmacy, Assiut University takes a great pride in welcoming you to the 12th 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.

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.

13: 00 - 13:30

OPENING

PROF. GIHAN N. FETIH, CONFERENCE GENERAL SECRETARY

PROF. MAHMOUD M. SHEHA, CONFERENCE CHAIRMAN

PROF. AHMED EL-MINSHAWY, VICE PRESIDENT FOR GRADUATE STUDIES AND RESEARCH AFFAIRS, ASSIUT UNIVERSITY, EGYPT

PROF. TAREK A. M. EL-GAMMAL, PRESIDENT OF ASSIUT UNIVERSITY

13:30 - 15:10

FIRST SESSION: GENERAL LECTURES

CHAIRPERSON: PROF. MAHROUS OTHMAN , DR. SAHAR BADR

13:30 - 13:50

PROF. HIDEYOSHI HARASHIMA,

Professor of Pharmaceutics, Chair of Laboratory for Molecular Design of Pharmaceutics & Laboratory of Innovative Nanomedicine, Faculty of Pharmaceutical Sciences, Hokkaido University, Japan

Multifunctional Envelope-type Nano Device for Gene/Nucleic Acid Delivery: Concept and Application to Nanomedicines

13 :50 - 14:10

DR. IKRAMY A. KHALIL,

Professor, Department of Pharmaceutics, Faculty of Pharmacy, Assiut University, Assiut, Egypt

Novel Biomaterials and Rational Design of Nanocarriers to Improve the Expression Efficiency of Plasmid DNA

14:10 - 14:30

PROF. GAMAL ABDELRAOUF BADR,

Vice Dean for Graduate Studies and Research, Professor of Immunology, Laboratory of Immunology, Zoology Department, Faculty of Science, Assiut University, Egypt

Induction of Liver Fibrosis by CCl₄ Mediates Pathological Alterations in the Spleen and Lymph Nodes: The Potential Therapeutic Effect of Propolis via Inhibiting the Expression of TGF- β /Smad2, Bcl2/BAX/, Nrf2, eNOS and COX-2 and the Phosphorylation of AKT/mTOR, P38 and ASK1

14:30 - 14:50

PROF. WAEL M. EL-SAYED,

Professor of Toxicology, Department of Zoology, Faculty of Science, Ain Shams University, Cairo, Egypt

Development of Anticancer Drugs

14:50 - 15:10

DISCUSSION

15:10 – 16:50

SECOND SESSION: GENERAL LECTURES

CHAIRPERSON: PROF. TAHANI EL FAHAM , DR. HISHAM TAWFEEK

15:10 – 15:30

PROF. EMMANUEL CORNILLOT,

Professor of Cell Biology, Montpellier Cancer Research Institute, University of Montpellier (UM), Montpellier, France

Deciphering Interactions among Tumor Microenvironment (TME) from Transcriptomic Data

15:30 – 15:50

PROF. MOSTAFA KAMEL EL AWADY,

Professor of Molecular Genetics, National Research Center, Cairo, Egypt

Genome Editing Technology in Drug Discovery and Treatment of Rare Liver Diseases

15:50 – 16:10

DR. YOUSEF ABDULLAH M BIN JARDAN,

Associate Professor, Department of Pharmaceutics, College of Pharmacy, King Saud University, Riyadh, KSA

The Effects of Hyperlipidemia on the Disposition of Dronedarone in Rats

16:10 – 16:30

DR. TAMER MOSTAFA SAKR,

Associate Professor of Radiopharmaceutical chemistry, Second Egyptian Nuclear Research Reactor, Complex (ETRR-2 complex), Egyptian atomic Energy Authority (EAEA).

Nano-Radiopharmacy Approach for Tumor Theranosis

16:30 – 16:50

DISCUSSION

16:50 – 18:20

THIRD SESSION: GENERAL LECTURES

CHAIRPERSON: PROF. ALY ABDEL ZAHER ABDEL RAHMAN, PROF. IKRAMY KHALIL

16:50 – 17:10

PROF. MOHAMED ABBAS IBRAHIM,

*Department of Pharmaceutics, Faculty of Pharmacy, Al-Azhar University, Assiut, Egypt
Kayyali Chair for Pharmaceutical Industries, Department of Pharmaceutics,
Faculty of Pharmacy, King Saud University, Riyadh, KSA*

Nanoparticles Based Drug Delivery Systems: Different Technologies and Potential Applications

17:10 – 17:30

DR. MAHMOUD ELSABAHY,

*Associate Professor, Department of Pharmaceutics, Faculty of Pharmacy, Assiut University, Assiut, Egypt ,
Assiut International Center of Nanomedicine, Al-Rajhy Liver Hospital, Assiut University, Assiut, Egypt,
Badr University in Cairo (BUC)*

Engineering Advanced Hemostatic Devices by Exploiting Nanocarriers with Tunable Characteristics to Address Global Health Challenges

17:30 – 17:50

DR. MOHAMED KAMEL HASSAN,

*Zewail City for Science and Technology, Center for Genomics, Egypt, Biology Department, Faculty of Science,
Port Said University, Egypt.*

Role of MicroRNA-31 in Gynecological Cancer: One MicroRNA with Opposite Functions

17:50 – 18:10

PROF. HASSAN M. E. AZZAZY,

*Professor & Chairman, Department of Chemistry, School of Sciences & Engineering,
The American University in Cairo (AUC), Egypt*

Biosensors for Detection of Disease Biomarkers

18:10 – 18:20

DISCUSSION

13:00 – 14:40

FOURTH SESSION: GENERAL LECTURES

CHAIRPERSON: PROF. TAREK ABOUL-FADL, PROF. NOHA NAHED

13:00 – 13:20

PROF. HUSSEIN I. EL-SUBBAGH,

Department of Medicinal Chemistry, Faculty of Pharmacy, Mansoura University, Mansoura, Egypt

Dihydrofolate Reductase as Antitumor Molecular Target

13:20 – 13:40

DR. HANI MAHMOUD J. KHOJAH,

Associate Professor, Department of Clinical and Hospital Pharmacy, Vice Dean, College of Pharmacy, Taibah University, Madinah, KSA

LQAS Employment in Surveys of the Quality of Medicine

13 : 40 – 14 : 00

PROF. DR. ALAA A. K. MOHAMED HAYALLAH,

Vice Dean and Head of Department Pharmaceutical Organic Chemistry Department, Faculty of Pharmacy, Deraya University, Minia, Egypt, Chairman of Assiut Pharmacists Syndicate

Slit2–Robo4 Signalling Promotes Vascular Stability by Blocking Arf6 Activity Through SecinH3

14 : 00 – 14 : 20

PROF. AWWAD RADWAN,

Kayyali Chair, College of Pharmacy, King Saud University, Riyadh, KSA

Structure-and Ligand-Based Database Search for Antibacterial Inhibitors of Staphylococcus Aureus Histidine Kinase

14:20 – 14:40

DISCUSSION

14:40 – 15:40

FIFTH SESSION: ORAL PRESENTATIONS

CHAIRPERSON: PROF. AHMED ABDEL-MAWLA, PROF. DINA FATHALLA

14:40 – 14:50

DR. SAMY MOHAMADY AHMED,

Department of Pharmaceutical Chemistry, Faculty of Pharmacy, The British University in Egypt

An Efficient One-Pot, Two-component, Modular Synthesis of 3,5-Disubstituted Pyrazoles

14 :50– 15 :00

DR. MAHMOUD MOHAMED AHMED ELSAYED,

Associate Professor, Department of Pharmaceutics and Clinical Pharmacy, Faculty of Pharmacy, Sohag University, Egypt, NUB University, Bani Suif, Egypt, ERU University, Badr City, Cairo, Egypt

Carbon Nanostructures As Delivery Systems of Anticancer and Non-Anticancer Drugs

15:00 – 15:10

DR. ASHRAF N. E. HAMED,

Department of Pharmacognosy, Faculty of Pharmacy, Minia University, Minia, Egypt.

Metabolomic Profiling and Green Synthesized Silver Nanoparticles to Study Cytotoxic Activity of Ammivisnaga Roots Using Different Cell Lines

15:10 – 15:20

PH. NAGLAA MOHAMAD KAMEL,

Demonstrator, Department of Pharmaceutical Organic Chemistry, Faculty of Pharmacy, Assiut University, Assiut, Egypt

Design and Synthesis of Certain New Substituted 1,2,4-Triazoles of Potential Immunological Activity

15:20 – 15:30

DR. AHMED ELFOULY,

Senior product manager, Liptis Egypt for Pharmaceuticals and Medical Products

Liptis Produces High Quality Pharmaceutical Products with The Most Advanced Technology in Pharmaceutical Industry

15:30– 15:40

DISCUSSION

15:40 – 17:10

POSTER SESSION: PHARMACEUTICAL TECHNOLOGY

CHAIRPERSON: PROF. MAHA A. HASSAN, DR. HAJJAJ H.M. ABDU-ALLAH

DR. NERMIN E. ELERAKY,

Hydrophobic Ion Pairing as a Strategy to Improve Oral Administration of Metformin Hydrochloride Loaded Calcium Alginate Beads

DR. MAHMOUD SALAH HOSNY ABDELKARIM,

Mixing Time Controls the Formation of Polymeric Nanoparticles in Microfluidic Channels

DR. DINA FATHALLA MOHAMED,

Permeation-Enhancing Nanoparticle Formulation to Enable Oral Absorption of Enoxaparin

DR. ABEER SAAD,

Evaluation of Nanosized Curcumin Niosomes As Anti-Inflammatory Topical Delivery System

PHARM. SHEREEN M. FATHI

Development and Evaluation of Isoconazole Nitrate Topical Antifungalspray

PHARM. ESRAA MAHMOUD MOHAMED

Formulation and Evaluation of Orodispersible Tablets of Gliclazide

PHARM. SAHAR ABDEL NASSER MOHAMED,

Enhancement of Simvastatin Dissolution Using Certain Polymeric Systems

PHARM. EMAN ISMAIEL ABDELAZIZ,

Enhanced Release Meloxicam Formulations Using Self-nanoemulsifying Drug Delivery Systems

PHARM. ALAA AYMAN MOHAMED,

Formulation of Glipizide into Floating Tablets with Enhancement its Dissolution Rate

DR. MINA FAYEZ SAAD,

Formulation and Evaluation of Solid Dispersions of Carvedilol Using Different Polymers

PHARM. ESRAA MAHMOUD MOSTAFA,

Pluronic F-127/ Chitosan In-situ GelLoaded with Doxycycline Hydrochloride Microparticles as Intra-Pocket Drug Delivery System for Periodontal Diseases

PHARM. EMAN S. ABDEL-REHEIM,

Development and Evaluation of Sustained Release Metronidazole Loaded Microsponge

PHARM. ZAINAB ABDEL AAL MOHAMED ABDEL WAHED,

Enhancement of Loratadine Dissolution Using Certain Binary and Ternary Systems

PHARM. SEMA KAMAL ABD EL HALIEM,

Formulation and Evaluation of Metoclopramide Hydrochloride Sustained Release Tablets

PHARM. ALAA MAHRAN,

Triamcinolone Acetonide-Loaded Microemulsion for Treatment of Uveitis: Formulation and Evaluation

PHARM. AHMED ABDEL FATTAH MOHAMED,

Preparation and Evaluation of Decorated Silver Nanoparticles Containing Anticancer Drug

PHARM. HALA MOHAMED ABDEL EL-RAHMAN,

Enhancement of Lornoxicam Solubility Using Different Hydrophilic Polymers & Cyclodextrins

17:10 – 18:10

POSTER SESSION: CHEMISTRY/CLINICAL PHARMACY

CHAIRPERSON: PROF. AMANY SAYED , PROF. HASSAN REFAT ALI

DR. HAJJAJ H.M. ABDU-ALLAH,

Synthesis of Sulfated Lactosamine-Containing Tetrasaccharides: The Contribution of Sulfate to the Binding Affinity of Galectins

DR. SALAH A. ABDEL-AZIZ,

Design, Synthesis, Biological Activities of New 2-(5-cyano-1,6-dihydro-6-oxo-4-phenylpyrimidin-2-ylthio)-N-(4-phenylthiazol-2-yl) Acetamides

DR. AZZA H. RAGEH,

Optimization of A Sensitive and Robust Strategy for Micellar Electrokinetic Chromatographic Analysis of Sofosbuvir in Combination with its Co-Formulated Hepatitis C Antiviral Drugs

DR. HEND A.A. ABD EL-WAHAB

Design and Synthesis of Some 1,3,5 Tri-Substituted Oxindole Derivatives as Potential CDK Inhibitors

DR. MOHAMED A.A. ABDEL-AAL,

Design, Synthesis and Biological Evaluation of New Ciprofloxacin Piperazinyl N-4 Carbamoyl Functionalized Derivatives

CHEM. ISLAM SALEM MARAE

Synthesis, Crystal Structure, Fluorescence Properties and Anti-Cancer Activities of Some New Poly Substituted 5,6,7,8-Tetrahydroisoquinolines

PHARM. NADA A. Y. ABD EL-MALEK

Rapid and Non-Invasive Determination of Certain Metronidazole Combinations by FTIR Spectroscopy

DR. AHMED FARID ABDEL HAKIEM

Towards Understanding of Different Solid Forms of Formoterol Fumarate: Combined Computational and Experimental Approach

DR. MARWA THABET

How Quinolones Antibiotic Resistance Develop?

DR. SARA A. SALEH

A Randomized Interventional Study Assessing the Efficacy of Vitamin B Complex plus Alpha-Lipoic Acid as Neuroprotective Prophylaxis in Reducing the Development of Oxaliplatin-Induced Peripheral Neuropathy

18:10 – 19:20

STUDENTS SESSION (SRS)

CHAIRPERSON: DR. SOAD BAYOUMI, DR. ABU BAKER MOSTAFA ABDEL-AAL

STUDENT. MARINA GAMAL SHOHDY,
STUDENT RESEARCH UNIT, FACULTY OF PHARMACY, ASSIUT UNIVERSITY

Synthesis Optimization of 1,2,4-Triazole Derivatives

STUDENT. OSMAN MOHAMED HASSAN-REFAAT,
STUDENT RESEARCH UNIT, FACULTY OF PHARMACY, ASSIUT UNIVERSITY

One-Pot Three-Step Synthesis of Substituted 1,2,4-Triazole

STUDENT. OMNEYA AHMED IBRAHIM,
STUDENT RESEARCH UNIT, FACULTY OF PHARMACY, ASSIUT UNIVERSITY

Synthesis and Molecular Modeling of Benzimidazole-based Casein kinase 2 inhibitors as Anticancer Agents

STUDENT. OMNIA A. EL-HELALY,
CENTRE OF PHARMACEUTICAL RESEARCH OF MEDICINAL PLANTS, FACULTY OF PHARMACY, ASSIUT UNIVERSITY

Quality Control of Some Weight Reducing Herbal Tea Preparations in the Egyptian Market

STUDENT. SARAH FEKRY RASHAD,
CLINICAL INTEGRATED TEAM (CIT)

CIT Protocols and Hospital Training: Experience and Recommendation

STUDENT. OSAMA MOHAMED,
CLINICAL INTEGRATED TEAM (CIT)

Shefaa Al Orman Hospital Training: Experience and Recommendation

STUDENT. MAI GAMAL,
CENTRE OF PHARMACEUTICAL RESEARCH OF MEDICINAL PLANTS, FACULTY OF PHARMACY, ASSIUT UNIVERSITY

Preparation of Steviosides from Stevia Leaves and its uses Pattern in Egypt

19:20 – 20:00

CLOSING

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