



1ST PHARMACY SUMMIT

"A Global Dialogue on Sustainable Healthcare"

The British University in Egypt

12th – 13th October 2024

Under the Patronage of

Ms. Farida Khamis

Chairman of Board of
Trustees

Prof. Mohamed Loutfi

University President and
Vice-Chancellor

Prof. Yehia Bahei-El-Din

Deputy Vice-Chancellor and
Vice President for Research and
Enterprise

Prof. Mohey Elmazar

Conference Chairman
Dean of Faculty of Pharmacy

Prof. Abdelgawad Hashem

Conference Co-Chairman
Vice Dean for Teaching and
Learning

Prof. Nahla El-Ashmawy

Conference Co-Chairman
Vice Dean for Research and
Postgraduate Studies

1st Pharmacy Summit

"A Global Dialogue on Sustainable
Healthcare"

The British University in Egypt

12th - 13th October 2024

Day One - Saturday 12th October 2024

9:00 AM - 9:45 AM	Registration (Auditorium Entrance)		
10:00 AM - 11:00 AM	<p align="center">Welcome Address & Opening Ceremony (Auditorium)</p> <p align="center">Speakers</p> <p>Prof. Mohey Elmazar – Dean of Faculty of Pharmacy and Conference Chairman Prof. Catherine Harper – Acting Provost and Pro Vice-Chancellor for Teaching and Learning Prof. Yehia Bahei Eldin – Deputy Vice-Chancellor and Vice President for Research and Enterprise</p>		
11:00 AM - 11:30 AM	Development of the Cysteamine Prodrug CF10	Keynote Speaker Prof. Adrian Moore (online)	
11:30 AM - 12:00 PM	Should Medications Be Personalised? Pros and Cons	Keynote Speaker Prof. Ashraf Abady	
12:00 PM - 1:00 PM	Coffee Break		
	Posters Session (1)		
1:00 PM - 3:00 PM	<p align="center">Panel Discussion (Auditorium)</p> <p align="center">The Future of Pharmacy: Challenges and Opportunities</p>		<p align="center">Workshops (Session 1)</p>
	<p align="center">Speakers</p> <p>Prof. Maher El Domiaty Prof. Ayman El Khateeb Prof. Abd El Naser Singab Dr. Sherif Kamal Dr. Mohamed El Sheikh Dr. Hisham El Shazly</p>	<p align="center">Chairperson & Moderator</p> <p>Prof. Abdel Gawad Hashem</p>	<p>Nanotechnology and Advanced Drug Delivery Lecture Hall 1 (Building K)</p>
			<p>Recent Advances in the Use of Virtual Reality (VR) in Drug Design Computer Lab 2 (Building K)</p>
			<p>Entrepreneurship in Pharmacy Classroom 2 (Building K)</p> <p>Nutrigenomics & Nutrigenetics Computer Lab 1 (Building K)</p>
3:00 PM - 4:00 PM	Lunch		
4:00 PM - 6:00 PM	<p align="center">Workshops (Session 2)</p>		<p align="center">Location</p>
	<p>Nanotechnology and Advanced Drug Delivery</p>		<p>Lecture Hall 1 (Building K)</p>
	<p>Recent Advances in the Use of Virtual Reality (VR) in Drug Design</p>		<p>Computer Lab 2 (Building K)</p>
	<p>Entrepreneurship in Pharmacy</p>		<p>Classroom 2 (Building K)</p>
		<p>Nutrigenomics & Nutrigenetics</p>	<p>Computer Lab 1 (Building K)</p>
		<p>Assoc. Prof. Mostafa Helmy</p>	<p>Prof. Abdullah Gebril</p>

Day Two - Sunday 13th October 2024

9:00 AM - 9:30 AM	Registration (Auditorium Entrance)
9:30 AM - 11:30 AM	<p align="center">Oral Talks (1)</p> <p align="center">Multipurpose Room (T1 - T6) Ibrahim Badran Room (T7 - T12)</p>
11:30 AM - 12:30 PM	Coffee Break
	Posters Session (2)
12:30 PM - 2:10 PM	<p align="center">Oral Talks (2)</p> <p align="center">Multipurpose Room (T13 - T17) Ibrahim Badran Room (T18 - T22) Botros Ghali Room (T23 - T25)</p>
2:10 PM - 3:00 PM	<p align="center">Closing Ceremony (Auditorium)</p> <p align="center">Recap of Highlights Awards and Acknowledgments</p>
3:00 PM - 4:00 PM	Lunch

Multipurpose Room (Ground Floor)

Day Two - Sunday (13th October 2024) 9:30 AM - 11:30 AM "Precision Cancer Therapy"

Chairpersons Prof. Mohamed Zakaria Gad Prof. Mohamed Kamal	9:30 AM	(T-1) Advanced Strategies to Combat Cancer: Smart Drug Delivery and Nano-Onco-Immunotherapy	Prof. Rania Hathout
	9:50 AM	(T-2) From Immune Cells Resistance to (Epi)genetics in Breast Cancer: A Step Toward Identifying Potential Target-Hit Therapy	Prof. Nadia Hamdy
	10:10 AM	(T-3) The Effect of Pentoxifylline on the Amelioration of Paclitaxel Induced Peripheral Neuropathy	Assoc. Prof. May Ahmed Shawki
Chairpersons Prof. Hala El-Mesallamy Prof. Abdulla Gebriel	10:30 AM	(T-4) Biochemical Characterisation of Histone Lysine Methyltransferases: Specificity, Regulation, and Effect of Somatic Cancer Mutants	Dr. Mina S. Khella
	10:50 AM	(T-5) MiR-939-5p Exhibits Tumour Suppressor Activity and Immune Modulation in Triple-Negative Breast Cancer	Dr. Heba Nafea
	11:10 AM	(T-6) Peptides for the Development of Bio-inspired Nanomaterials	Dr. Mohamed El-Sawy (online)

Ibrahim Badran Room (First Floor)

Day Two - Sunday (13th October 2024) 9:30 AM - 11:30 AM "Breaking Barriers in Therapeutics: Molecular Insights to Advanced Clinical Care"

Chairpersons Prof. Nesrine Salah Eldine Prof. Marwa Safar	9:30 AM	(T-7) Vardenafil and Alzheimer's: Deciphering the Proteasome, ER stress, and Senescence Interplay	Assoc. Prof. Mina Y. George
	9:50 AM	(T-8) Solving Mystery of DNA Damage Detection	Prof. Amira El Yazbi
	10:10 AM	(T-9) Impact of Co-administration of Omega-3 and Glimepiride in Type 2 Diabetics	Assoc. Prof. Rehab Werida
Chairpersons Prof. Ayman Nor Eldin Prof. Nahla El Ashmawy	10:30 AM	(T-10) Medication Error Reporting: An Integrated Approach for System Improvement	Dr. Hebatullah Abdelaziz
	10:50 AM	(T-11) Malnutrition Management Post Bariatric Surgeries	Dr. Maha Assal
	11:10 AM	(T-12) Nanoparticles: A Revolution in the Development of Drug Delivery through the Stratum Corneum in Meso: lipolysis and Skin Rejuvenation	Dr. Samar Noufal

Multipurpose Room (Ground Floor)

Day Two - Sunday (13th October 2024) 12:30 PM - 2:10 PM "Next-Gen Drug Discovery"

Chairpersons Prof. Khaled Abo-Zaid Prof. Shereen Hassib	12:30 PM	(T-13) The Future of Healthcare: Harnessing Emerging Analytical Techniques	Prof. Maha Hegazy
	12:50 PM	(T-14) Advances in Molecular Dynamics Simulations for Drug Discovery: An Overview and Examples	Assoc. Prof. Tamer M. Ibrahim
	1:10 PM	(T-15) Optimizing Hydrogen Bond Donor Groups of Novel Synthetic Pyrazolones with CDK9 Inhibition Potential to Enhance Their Pharmacokinetic Properties	Dr. Hamada Abulkhair
	1:30 PM	(T-16) Development of Novel Green Synthetic Methods and Their Applications in the Synthesis of Biologically Active Molecules	Assoc. Prof. Samy Mohamady
	1:50 PM	(T-17) Unveiling Potent Carbonic Anhydrase Inhibitors Inspired by Pazopanib	Assoc. Prof. Haytham Tawfik

Ibrahim Badran Room (First Floor)

Day Two - Sunday (13th October 2024) 12:30 PM - 2:10 PM "Revolutionizing Chronic Disease: Unlocking New Therapeutic Horizons"

Chairpersons Prof. Amira Abdel-Motaal Prof. Maha Salama	12:30 PM	(T-18) Microbial Biofilms Jeopardise Antimicrobial Therapy and Global Sustainable Healthcare	Prof. Walid Faisal
	12:50 PM	(T-19) PUFA AI / Prequalification Paradigm Shift for Tailoring 5 Therapies in Chronic Disease Combat	Prof. Khaled Meslhey
Chairpersons Prof. Maha Hegazy Prof. Dalia Abd Elrahman	1:10 PM	(T-20) Multi-Dimensional Native Mass Spectrometry: A Powerful Tool for Characterisation Lectin- Glycan Interactions in Drug Discovery	Prof. Amr El Hawiet
	1:30 PM	(T-21) Utilizing AI for the Synthesis of Molecularly Imprinted Polymers: A Glance at Molecular Docking	Dr. Mariam Soliman
	1:50 PM	(T-22) Hypoxia-activated Prodrugs	Assoc. Prof. Wagdy Eldehna

Boutros Ghali Room (Second Floor)

Day Two - Sunday (13th October 2024) 12:30 PM - 2:00 PM "Breakthroughs in Healthcare: From Cancer Solutions to Environmental Challenges"

Chairpersons Prof. Reham El Kased	12:30 PM	(T-23) Multi-Modal Approaches for Targeting Breast Cancer Brain Metastases	Assoc. Prof. Hamed Ismail Ali (online)
	12:50 PM	(T-24) Preparation and Characterisation of Alginate-Based Honey-Loaded Topical Formulations	Dr. Md Lokman Hossain (online)
	1:10 PM	(T-25) A New Class of "Forever Chemicals" Poses an Emerging Risk for Autoimmune Liver Diseases and Acts as Endocrine Disruptors as We Push the Green Agenda	Dr. Tarek Abdelghany (online)
	1:30 PM	EIPICO Company	EIPICO Company
	1:40 PM	Utopia Company	Utopia Company

Posters Session (1)

Day One - Saturday (12th October 2024)

12:00 PM - 1:00 PM

Code	Title of Poster	Presenter
B11	Association between NUDT15, TPMT, and ITPA Gene Polymorphism in the Toxicity and Efficacy of Azathioprine Treatment in Inflammatory Bowel Disease in Egyptian Population.	Dr. Nashwa Eltantawy
B38	Efficacy and Safety of Dual Histamine Blockage on Preventing Filgrastim-Associated Bone Pain and Quality of Life in Breast Cancer Patients: Randomised Controlled Trial	Ms. Alaa Nabil, Ms. Mariam Mansour
C2	Green Synthesis of Copper Nanoparticles: Promising and Ecofriendly Strategy for Metallic Nanoparticles Formulations	Mrs. Rana Abdelgawad
C7	Formulation and In-vitro Characterisation of Nanoemulsions Containing Remdesivir or Licorice Extract: A Potential Subcutaneous Injection for Coronavirus Treatment	Prof. Gehan Fathy, Dr. Al Zahraa Gamil Al Ashmawy
C8	Formulation and Evaluation of Novel in Situ Gel of Molnupiravir-Loaded Niosomes for Treatment of Acute Lung Injury	Dr. Amira Ahmed Rashad
C22	Green Polymer Altered in Situ Gel Oral Liquid Sustainable Release Preparation of Vildagliptin Suitable for Dysphagic Diabetic Patients: Assessment In-vitro & In-vivo	Assoc. Prof. Doaa Habib
C42	Development of Surfactant-Modified Chitosan Nanoparticles Loaded with an Antibiotic: A Novel Approach for Wound Healing	Ms. Merna Ahmed Badie
EB12	Alogliptin Alleviates Ferroptosis-mediated Renal Oxidative Stress in a Rat Model of Rhabdomyolysis-induced Acute Kidney Injury through Modulation of Nrf2 / HO-1 Pathway	Ms. Henwa Mansour
EB14	Parthenolide Ameliorates 3-Nitropropionic Acid-induced Huntington's Disease-like Aberrations via Modulating NLRP3 Inflammasome, Reducing Microglial Activation, and Inducing Astrocyte Shifting	Ms. Mona Elsayed
EB23	Chemotherapeutic Effect of Baicalein/Epirubicin Combination Against Liver Cell Carcinoma In-vitro: Inducing Apoptosis and Autophagy	Assoc. Prof. Ghada Al-Ashmawy
EB25	The Neuroprotective Effects of Alpha Lipoic Acid in Rotenone-induced Parkinson's Disease in Mice via Activating PI3K/AKT Pathway and Antagonising Related Inflammatory Cascades	Dr. Samar Khalaf
EB27	Exploring the Versatility of GLP-1 Receptor Agonists: From Molecular Mechanisms to Diverse Therapeutic Applications	Dr. Tohada Al-Noshokaty
EB29	The Interplay of Signalling Pathways with miRNAs in Parkinson's Disease Pathogenicity and Targeted Therapy	Prof. Shereen Elshaer
EP30	Carnitine Deficiency Augments Methotrexate-induced Acute Kidney Injury in Rats	Ms. Fatema Selim
EB39	Fucoidan Mitigates Gastric Ulcer Injury through Managing Inflammation, Oxidative Stress, and NLRP3-mediated Pyroptosis	Dr. Hend Selim
EB41	Investigation of the Levels of Some Noncoding RNA in the Osteogenic Differentiation of Human Periodontal Ligament-mesenchymal Stem Cells	Ms. Rasha El-Demerdash
EP3	Revealing Possible Dapagliflozin's Mechanisms of Action in Counteracting Alzheimer's Disease: Literature Review	Dr. Marwa Saeed
EP4	Hesperetin Protects against Rotenone-induced Motor Disability and Neurotoxicity via the Regulation of SIRT1/NLRP3 Signaling	Dr. Rania Nadeem
EP15	Targeting eNOS/arginase/FFAS Ameliorates Obesity and its Associated Complications	Ms. Ebtesam Ahmed
EP18	Effect of Omega-3 Fatty Acids against Insulin Resistance: Role of Free Fatty Acid Receptor 1	Dr. Shimaa El-Fayoumi
EP19	Unveiling the Protective Potential of Mirabegron against Thioacetamide-induced Hepatic Encephalopathy in Rats: Insights into cAMP/PPAR- γ /p-ERK1/2/p S536 NF- κ B p 65 and p-CREB/BDNF/TrkB in Parallel with Oxidative and Apoptotic Trajectories	Dr. Omnia Shafik Zaki
EP21	Repurposing of Roflumilast as a New Possible Treatment for Postmenopausal Depression Induced in Ovariectomised Rats	Dr. Eman Shafik
EP26	In-vitro and Randomised Controlled Clinical Study of Natural Constituents' Anti-HPV Potential for Treatment of Plantar Warts Supported with In Silico Studies and Network Analysis	Dr. Shereen El-Afify

Posters Session (2)

Day Two - Sunday (13th October 2024)

11:30 AM - 12:30 PM

Code	Title of Poster	Presenter
A5	Simultaneous Estimation of Two Anti-HIV Drugs by an Ecofriendly TLC-Densitometric Approach in Combined Dosage Forms.	Dr. Asmaa Othman
AM1	New Pyranopyrazole Based Derivatives: Design, Synthesis, and Biological Evaluation as Potential Topoisomerase II Inhibitors, Apoptotic Inducers, and Antiproliferative Agents	Dr. Marwa Hassan
AM34	New Isatin Based Derivatives: Design, Synthesis, In Silico Study, and Anticancer Activity Evaluation	Mrs. Mona Zakaria Hassan Meko
AM36	Design, Synthesis, In Silico Docking, ADMET, and Anticancer Evaluations of Thiazolidine-2,4-diones Bearing Heterocyclic Rings as Dual VEGFR-2/ EGFRT790M Tyrosine Kinase Inhibitors	Mrs. Nada Ahmed Ali Mohammed Aziz
AM40	Machine Learning-guided Virtual Screening for Novel Covalent Binders Targeting HER2 Selective Inhibition	Mr. Muhammad Ismail
DM9	Development and Evaluation of In-house ELISAs for Serodiagnosis of Invasive Salmonella Infections	Prof. Mahmoud Tawfick
DM13	The Association of Group IIB Intron with Integrons in Hypersaline Environments	Dr. Sarah Sonbol
DM17	Isolation and Characterisation of Lactic Acid Probiotics from Fermented Egyptian Food	Mr. Yehia Abdel-Moniem
DM20	The Presence of OXA-48 Carbapenemase Delays the Treatment Response in Enterobacteriaceae-associated Infections in Pediatric Cancer Patients	Dr. Marwa Mohammed Amer
DM24	Biomimetic CaCO ₃ Microspheres as a Promising Delivery System for Catalase: Immobilization, Kinetic Studies, and Potential Perspectives in Oxidative Stress Diseases.	Assoc. Prof. Aliaa Elshamy
DM32	Enhancing the Antitumour Effect of Telmisartan with Probiotic Lactobacillus spp.: A Novel Approach to Colorectal Cancer Therapy	Ms. Amany El-Mahmoudy
DP16	Cytotoxic and Antiviral Characterisation of Bioactive Constituents from Santolina Chamaecyparissus L. Family Asteraceae	Prof. Magda Tohamy
DP28	Two Metallic Nanoparticles Formulas of Phyllostachys heterocycla Extract Exhibited Potent Cytotoxicity against Ovarian Cancer Cells through Apoptosis Induction	Mr. Ahmed K. Ibrahim
DP31	Investigating Marrubiin in Marrubium alysson L. Extract via Advanced HPTLC: Comprehensive Chemical Analysis, Acetylcholinesterase Inhibition, and Molecular Docking Studies	Ms. Salma Ibrahim
DP33	Phytochemical Analysis and Anticancer Properties of Becium grandiflorum: Isolation and Characterization of Potent Cytotoxic Diterpene	Mrs. Christeen Fahim