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*Scientific
Program*

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Keynote Forum

09:55-10:00 Introduction

10:00-10:30 **Rapid generation of sub-type, region-specific neurons and neural networks from human pluripotent stem cells for neurological disorders**

Yiling Hong, Western University of Health Sciences, USA

10:30-11:00 **Smart nano- and nano-in-microparticles carrier systems for controlled pulmonary drug delivery**

Ibrahim M El-Sherbiny, Zewail City of Science and Technology, Egypt

Networking & Refreshment Break 11:00-11:20 @ La Plaza

11:20-11:50 **Targeted inhibition of transcription factor STAT3 for the prevention and treatment of cancer**

Gautam Sethi, National University of Singapore, Singapore

Track 3: Pharmacognosy and Phytochemistry

Track 4: Advancements in Pharmaceuticals

Track 5: Trends in Nanotechnology

Track 7: Pharmacological Studies

Session Chair: Yiling Hong, Western University of Health Sciences, USA

Session Co-chair: Gautam Sethi, National University of Singapore, Singapore

Session Introduction

11:50-12:10 **Development of inhalable Paclitaxel and Curcumin formulation for lung cancer therapy**

Wing Hin Lee, Woolcock Institute of Medical Research, Australia

12:10-12:30 **Novel bufadienolides with rearranged skeletons from traditional chinese medicine ChanSu**

Tian Hai-Yan, Jinan University, China

12:30-12:50 **Evaluation of antioxidant and cytotoxic activities of several medicinal plants in Brunei Darussalam**

Norhayati Ahmad, Universiti of Brunei Darussalam, Brunei

Lunch Break 12:50-13:40 @ La Plaza

13:40-14:00 **Scientific validation of bioenhancing property of a natural mucilage incorporated with a DMARD**

Fatima Grace Xavier, Sri Ramachandra University, India

14:00-14:20 **Stem cell in nanotoxicity testing**

Yiling Hong, Western University of Health Sciences, USA

14:20-14:40 **Potential role of pharmacological STAT3 inhibitors for cancer therapy**

Gautam Sethi, National University of Singapore, Singapore

14:40-15:00 **Antifibrotic effects of gallic acid on activation/proliferation of cultured hepatic stellate cells and in thioacetamide-induced liver fibrogenesis in rats**

Naglaa M El-Lakkany, Theodor Bilharz Research Institute, Egypt

15:00-15:20 **Pharmacological targeting of estrogen receptors- α and - β differently modulates the phenotype of keratinocytes with impact on skin wound healing**

Peter Gal, Pavol Jozef Safarik University, Slovak Republic

15:20-15:40 **Treatment with Pioglitazone, a thiazolidinedione insulin sensitizer, and/or β -carotene and diet control ameliorate liver function and metabolic markers in hyperlipidemic rats**

Sayed H Seif el-Din, Theodor Bilharz Research Institute, Egypt

Networking & Refreshment Break 15:40-16:00 @ La Plaza

16:00-16:20 **Phytochemical screening, proximate analysis, lethality studies and anti-tumor potential of *Annona muricata* L. (Soursop) fruit extract in *Rattus norvegicus***

Abbah Okpachi Christopher, Kogi State University, Nigeria

16:20-16:40 **Role of organic cation transporter 3 (OCT3) in adipogenesis and novel OCT3 isoforms with internalized subcellular localization**

Ligong Chen, Tsinghua University School of Medicine, China

16:40-17:00 **Targeted deliveries of Tocotrienol and Statin accelerate healing of osteoporotic fracture**

Ahmad Nazrun Shuid, Universiti Kebangsaan Malaysia, Malaysia

Panel Discussion

Keynote Forum

- 10:00-10:30 **Development of novel antiangiogenic agents for the treatment of retinal neovascularization**
Young-Ger Suh, Seoul National University, Korea
- 10:30-11:00 **Latest approaches to patient counselling in the pharmacies!**
Aref Alabed, International Medical Training Academy Limited, UK

Networking & Refreshment Break 11:00-11:20 @ La Plaza

Track 1: Regulatory Affairs
Track 13: Clinical Pharmacy
Track 14: Hospital Pharmacy
Track 15: Pharma Compliance

Session Chair: **Abdelmoneim Ismail Awad**, Kuwait University, Kuwait
Session Co-chair: **Aref Alabed**, International Medical Training Academy Limited, UK

Session Introduction

- 11:20-11:40 **Antimicrobial stewardship: Implementation of local antibiotic policy in health care facilities**
Mervat Ismail Ahmed El-Borhamy, Misr International University, Egypt
- 11:40-12:00 **Advanced clinical pharmacy system in a reformed hospital in China**
Christina Yuen Ki Leung, University of Hong Kong, China
- 12:00-12:20 **10-year risk estimation for Type 2 Diabetes and coronary heart disease in Kuwait: A cross-sectional population-based study**
Abdelmoneim Ismail Awad, Kuwait University, Kuwait
- 12:20-12:40 **Data transparency and clinical trial disclosure: A medical communicator's perspective**
Namrata Singh, Turacoz Healthcare Solutions, India
- 12:40-13:00 **Lungs alveolar targeted drug delivery: Formulation & evaluation of Isoniazid mucoadhesive, nanospheres embedded micro particulates inhalable dry powder**
Gnanaprakash, P Rami Reddy Memorial College of Pharmacy, India

Lunch Break 13:00-13:40 @ La Plaza

- 13:40-14:00 **Soft skills needed for pharmacists. How can we gain these skills!**
Aref Alabed, International Medical Training Academy Limited, UK
- 14:00-14:20 **Synthesis and antibacterial activity of 1-[(1H-benzo[D]imidazole-1-yl) (4-substituted phenyl) methylene]-2-[4- substituted benzylidene] hydrazine derivatives**
Gopal Natesan, MAHSA University, Malaysia
- 14:20-14:40 **Finding drug discovery clues from the informatics analysis of traditional medicines**
Yu Zong Chen, National University of Singapore, Singapore

Young Researchers Forum

- 14:40-15:00 **Sensitive and selective polyaniline nanofibre based voltammetric sensor for the quantification of Tinidazole**
Priyanka Karolia, Jiwaji University, India
- 15:00-15:20 **Inhalable anti tubercular therapy: Formulation & evaluation of Rifampicin loaded nanospheres embedded micro particulate based dry powder inhaler**
Vishnu Vardhan Reddy Beeram, Vignan's University, India
- 15:20-15:40 **Cefpodoxime proxetil microsphere: Physicochemical characterization and enhanced *in-vitro* release efficiency**
Abdul Hafeez, The Global University, India
- 15:40-16:00 **Therapeutic effect of *Cornus mas* fruits extract against methotrexate-induced oxidative stress damage in liver and kidney of rats**
Hassan Saeiahan, University of Tabriz, Iran

Networking & Refreshment Break 16:00-16:20 @ La Plaza

Poster Presentations @ 16:00-18:00

- APP001 **Cancer immunotherapy using antigenic peptides of tumor-associated antigen L6**
Yuh-Pyng Sher, China Medical University, Taiwan
- APP002 ***In-vivo* analgesic activity of different organic extracts of *Rhizophora stylosa* leaf**
Gopal Natesan, MAHSA University, Malaysia

- APP003 **Development, assessment and stability studies of Naloxone hydrochloride sublingual drug delivery system**
Abdelazim Zaghoul, Kuwait University, Kuwait
- APP004 **Molecular modeling studies for virtual screening of new TAK-1 inhibitors–ChemBridge library (Part 1)**
Doaa Boshra Farag, Misr International University, Egypt
- APP005 **Development and validation of a rapid derivative spectrophotometric method for simultaneous determination of Paracetamol, Ibuprofen and Caffeine in tablet dosage form**
Inas A Abdallah, Misr International University, Egypt
- APP006 **The impact of smart devices applications on the pharmaceutical care services: An observational, cross sectional study in Egypt**
Nada Hazem, Misr International University, Egypt
- APP007 **Chronic opioid therapy in elder patient with fibromyalgia syndrome-Case report**
Yun-Wei Lai, Taipei City Hospital, Taiwan
- APP008 **3D QSAR Pharmacophore and molecular docking studies for identification of New TAK-1 inhibitors–MayBridge library (Part 2)**
Doaa Boshra Farag, Misr International University, Egypt
- APP009 **Anti-allergic effect of *Clinacanthus nutans* aqueous extract: Protection against IgE-mediated passive systemic anaphylaxis?**
Audrey Kow, Universiti Putra Malaysia, Malaysia
- APP010 **Adulticidal activity determination of *Stemona collinsiae* root extract in blow fly (*Chrysomya megacephala*)**
Aurapa Sakulpanich, Mahidol University, Thailand
- APP011 **Hepatoprotective effect of ethanolic extract of *Lavandula officinalis* L. in Alloxan-induced diabetic rats**
Shokoufeh Ghavamian, University of Tabriz, Iran
- APP012 **Concise total synthesis of (-)-Protoemetinol**
Changjin Lim, Seoul National University, Republic of Korea
- APP013 **An eco-friendly direct injection HPLC method for the determination of Levodopa and Carbidopa in human serum using a single protein-coated column**
Samy Emara, Misr International University, Egypt
- APP014 **Pharmacophore and docking studies for virtual screening of new TAK-1 inhibitors–Princeton library (Part 3)**
Doaa Boshra Farag, Misr International University, Egypt
- APP015 **Simultaneous spectrophotometric determination of Paracetamol and Caffeine in pharmaceutical preparations**
Lobna Kormod, Misr International University, Egypt
- APP016 **Cytotoxic effects of new alkyl phloroglucinol derivatives from *Rhus trichocarpa* roots on human gastric adenocarcinoma cells**
Ki Yong Lee, Korea University, Republic of Korea
- APP017 **Novel Nrf2 activators based on mechanism-based approach**
Seyeon Hwang, Seoul National University, Republic of Korea
- APP018 **Galectin-1-exposed dermal and tumor-associated fibroblasts produce biologically active extracellular matrix which improves growth of endothelial cells *in vitro***
Lenka Varinska, Pavol Jozef Safárik University, Slovak Republic
- APP019 **An update on the registration of biosimilars in Malaysia**
Tien Yew TANG, Ministry of Health Malaysia, Malaysia
- APP020 **Role of KMUP-3 on diabetes-induced cardiomyocytes injury and its improvement effect on cardiac performance**
Erna Sulistyowati, Kaohsiung Medical University, Taiwan
- APP021 **Cell and organ drug targeting: Nano spheres embedded micro particulates dry powder as lungs targeting/lungs mediated drug delivery**
Vishnu Vardhan Reddy Beeram, Vignan's University, India

Room - 6

Track 8: Pharmaceutical Chemistry
Track 9: Pharmaceutical Analysis
Track 11: Pharmaceutical Biotechnology
Track 12: Biochemistry and Molecular Biology

Session Chair: **Shih-Jen Liu**, National Health Research Institutes, Taiwan
Session Co-chair: **K Subramanian**, Bannari Amman Institute of Technology, India

Session Introduction

- 09:30-09:50 **Recombinant lipoprotein-based immunotherapy against human papillomavirus-associated cancer**
Shih-Jen Liu, National Health Research Institutes, Taiwan
- 09:50-10:10 **Engineering of gelatin for controlled drug delivery applications**
K Subramanian, Bannari Amman Institute of Technology, India
- 10:10-10:30 **Biochemical production of fatty acid sugar-based biosurfactant (FASB) via green enzymatic route as potential application in pharmaceutical**
Uswatun Hasanah Zaidan, Universiti Putra Malaysia, Malaysia
- 10:30-10:50 **Bioethanol production from Banana pseudostem by recombinant yeast *Saccharomyces cerevisiae* as a sustainable energy**
S Rajkumar Immanuel, The American College, India

Networking & Refreshment Break 10:50-11:10 @ La Plaza

- 11:10-11:30 **Quality by design approach for development of stability indicating method for determination of Cefditoren pivoxil**
Sawsan Mohamed Amer, Cairo University, Egypt
- 11:30-11:50 **Microwave assisted synthesis and characterization of pyrazoline derivatives from chalcones and (4-fluorophenylthio) acetic acid hydrazide**
R M Ezhilarasi and S Mahalakshmi, Guru Nanak College, India
- 11:50-12:10 **Biochemical approaches for diabetic management**
Khalid Mohammed Khan, University of Karachi, Pakistan

Lunch Break 12:10... @ La Plaza

B2B Meetings & Award Ceremony



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