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Scientific Program

Pharma Middle East

November 02-04, 2015 Dubai, UAE



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Scientific Program

Day 1 November 02, 2015

08:00-09:00 Registrations

Conference Hall-1

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09:00- 09:20 Opening Ceremony

Keynote Forum

09:20-09:25	**Introduction**
09:25-09:50	**Anthony Serracino-Inglott** University of Malta, Malta
09:50-10:15	**Mohamed T Khayyal** Cairo University, Egypt
10:15-10:40	**Pardeep K Gupta** University of the Sciences in Philadelphia, USA

Networking & Refreshments 10:40-10:55 @ Foyer

Keynote Special Session

10:55-11:55	**V Ravi Chandran** Life Enhancing Technologies LLC., USA

Group Photo

Track 1: Pharmacological Sciences
Track 2: Bio-Pharmaceutical Sciences

Session Chair: Novotny L, Kuwait University, Kuwait
Session Co-Chair: Mohamed Zakaria Gad, The German University in Cairo, Egypt

Session Introduction

11:55-12:15	**Protection of neuron cells from apoptosis by Korean red ginseng via ERβ/PI3K signalling** **Dong-Kwon Rhee,** Sungkyunkwan University, Korea
12:15-12:35	**Resveratrol down-regulates Visfatin and improves hepatic dysfunction in Streptozotocin-induced diabetes** **Mehmet Bilgehan Pektas,** Afyon Kocatepe University, Turkey
12:35-12:55	**GC-MS analysis of active constituents of the herbal mixture used by diabetics in Phillipines and the Middle East** **Novotny L,** Kuwait University, Kuwait
12:55-13:15	**Targeting sphingosine kinase 1 and apoptosis by Metformin to decrease tumor resistance to Adriamycin** **Ahmed M Kabel,** Taif University, KSA

Lunch Break 13:15-13:45

13:45-14:05	**Superior anti-platelet drugs: Guerilla Innovation** **V Ravi Chandran,** Life Enhancing Technologies LLC., USA
14:05-14:25	**Key players of nitric oxide production as novel biomarkers for coronary artery disease** **Mohamed Zakaria Gad,** The German University in Cairo, Egypt
14:25-14:45	**Fibrinogen-based drug delivery as a novel therapeutic approach for leukemia and rheumatoid arthritis** **Mohamed Salah Omar,** Taif university, KSA
14:45-15:05	**Acute toxicity of alum to New Zealand rabbits** **Medani A B,** University of Medical Sciences and Technology, Sudan

Track 3: Pharmacognosy, Pharmaceutical Chemistry, Medicinal Chemistry and Phytochemistry

Session Chair: Novotny L, Kuwait University, Kuwait

Session Co-Chairs: Mohamed Zakaria Gad, The German University in Cairo, Egypt

15:05-15:25 **Chemical composition, antioxidant, anti-inflammatory and antimicrobial activities of essential oil from Citrus maxima (Burm.) Merr.**
Camilia George Michel, Cairo University, Egypt

15:25-16:25 **Workshop on The role of Stereochemistry in Pharmacy**
Salwa Elmeligie, Cairo University, Egypt

Networking & Refreshments 16:25-16:40 @ Foyer

16:40-17:00 **Evidence for the potential therapeutic usefulness of the multi-component herbal preparation, STW5, in protecting against radiation-induced intestinal mucositis**
Mohamed T Khayyal, Egyptian Society of Pharmacology and Experimental Therapeutics, Egypt

17:00-17:20 **Synthesis of some metal complexes of Fosfomycin**
Kadriye Benkli, Anadolu University, Turkey

17:20-17:40 **Novel chalcone derivatives: Synthesis, QSAR studies and evaluation of their anti-prostate cancer activities and Cathepsin B inhibition**
Dalia Hussein Soliman, Al-Azhar University, Egypt

17:40-18:00 **Gum arabic acacia for manufacturing of tablet & pellets coating materials**
Suad Yousif Abdalla Alkarib, University of Karary, Sudan

Panel Discussion

Day 2 November 03, 2015

Conference Hall-1

Special Session

08:45-09:00 **Hon. Minister Helena Dalli**
Government of Malta, Malta

Keynote Forum

09:00-09:25 **Yousef A Alomi**
Ministy of Health, KSA

09:25-09:50 **Ben Ajepe M P S N**
Today's Pharmaceuticals Ltd / B. Perazim Pharmaceuticals Ltd., Nigeria

Track 4: Nanotechnology

Session Chair: Derar Omari, Yarmouk University, Jordan

Session Co-Chair: Fathia El Sharkawi, Helwan University, Egypt

Session Introduction

09:50-10:10 **Targeted Drug Delivery System (TDDS): Encapsulating newly synthesized anti-cancer compounds-conjugated gold nanoparticles**
Khairia M Youssef, Future University, Egypt

10:10-10:30 **Fructose-assisted structure retention of boronic acid conjugated chitosan nanoparticles**
Nashiru Billa, University of Nottingham, Malaysia

10:30-10:50 **Applications of nano- and femtotechnology in Medicine and Pharmacy**
Nabil Mohie Abdel-Hamid, Kafrelsheikh University, Egypt

10:50-11:10 **The effect of PTEN and TRAIL genes loaded on nanoparticles on hepatocellular carcinoma**
Fathia El Sharkawi and **Shaimaa Ewais,** Helwan University, Egypt

Networking & Refreshments 11:10-11:25 @ Foyer

11:25-12:25 **Workshop on Toxinology for safer drug industry**
Amna Beshir Medani Ahmed, University of Medical Sciences and Technology, Sudan

Track 5: Drugs and Regulations
Track 11: Clinical Pharmacy and Pharmacotherapeutics
Track 12: Pharmaceutical Microbiology and Biotechnology

12:25-12:45 **Medication use for chronic health conditions in Saudi adults: findings from a national household survey**
Maziar Moradi-Lakeh, University of Washington, USA

12:45-13:05	**Innovations in Clinical Pharmacy education and research** **Lilian M Azzopardi,** University of Malta, Malta
	Lunch Break 13:05-13:35
13:35-13:55	**Antimicrobial stewardship program in KSA: Experiences and vision future** **Yousef A Alomi,** Ministy of Health, KSA
13:55-14:15	**Green chromatographic analysis: Application on Pharmaceutical ternary mixture** **Heba Moustafa Mohamed,** Cairo University, Egypt
14:15-14:35	**Azole antifungals: A prophylactic therapy in hematological patients** **Dalia A Hamdy,** Alexandria University, Egypt
14:35-15:35	**Workshop on Ancient Egyptian Medicine** **Nabil Mohie Abdel-Hamid,** Kafrelsheikh University, Egypt
15:35-15:55	**Supergenerics: Esomeprazole minitablets as a model** **Derar Omari,** Yarmouk University, Jordan
15:55-16:15	**A clinical trial on optimization of the heparin utilization in coronary angiography** **Hanaa Alghonimy,** Ain Shams University, Egypt
	Networking & Refreshments 16:15-16:30 @ Foyer
	Poster Presentations 15:00-16:00 PME 001 - PME 015 **Poster Presentations 16:00-17:00 PME 015 - PME 029**
PME-001	**A novel C - prenylated benzo-lactone possessing antimicrobial activity from the rhizome of Cissus cornifolia** **Aliyu M Musa,** Ahmadu Bello University, Nigeria
PME-002	**Protective effect of adenosine A1 agonists against pentylenetetrazole- induced convulsions** **Mohammed Meshal almutairi, Abdulmajeed Farhan Alenazi, Ahmed Badah Alanazi, Khalifa Ahmed Alanazi & Yazen Talal Alanazi,** Northern Border University, KSA
PME-003	**Effect of adenosine receptors modulation on neurological actions of Theophylline in rats** **Helal Alnassr & Waleed Ahmed Alanazi,** Northern Border University, KSA
PME-004	**Investigation of the anti-inflammatory effects of Rolipram in a rat model of rheumatoid arthritis** **Nawaf Farhan Alrawili & Meshal Odhayb Alanazi,** Northern Border University, KSA
PME-005	**Design, Synthesis, Pharmacological and toxicity evaluation of N3-substituted oxazolidinones as anti-inflammatory agents** **Richie R Bhandare,** Shobhaben Pratapbhai Patel School of Pharmacy and Technology Management, India
PME-006	**Neuroprotective effects of saxagliptin against scopolamine-induced alzheimer's-like pathology in rats** **Rofida A Saleh,** Cairo University, Egypt
PME-007	**Assessment of monocyte chemoattractant protein-1 (MCP-1) in type 2 diabetic patients with nephropathy** **Doha E Ellakwa,** Al Azhar University, Egypt
PME-008	**Epicatechin and a new flavonoid as part of the flavonoid pattern of the stem bark of Commiphora pedunculata (Kotschy & Peyr.) Engl.** **Nasir Tajuddeen,** Ahmadu Bello University, Nigeria
PME-009	**MAO inhibitory and antidepressant activities of novel 2-pyrazoline derivatives** **Nesrin Gökhan-Kelekçi,** Hacettepe University, Turkey
PME-010	**Novel triazole-based condensed derivatives as putative anticancer agents** **Birsen Tozkoparan,** Hacettepe University, Turkey
PME-011	**Design, synthesis and evaluation of novel levodopa pro-drugs for the treatment of Parkinson's disease** **Monique Hoon,** North-West University, South Africa
PME-012	**The biological properties of synthetic methylene blue analogues** **Anzelle Delport,** North-West University,South Africa
PME-013	**Glutamine synthetase enzyme-linked immunosorbent (ELISA)-based assay for diagnosis of Mycobacterium tuberculosis from sputum specimens** **Ghada Refaat Ahmed Abdellatif,** October University of Modern Arts & Science, Egypt
PME-014	**Effect of omega 3 fatty acids on cardiac necrosis biomarkers creatine kinase-MB and troponin-I in chronic kidney disease patients undergoing percutaneous coronary intervention** **Maryam Forouzmehr,** Shiraz University of Medical Sciences, Iran
PME-015	**Evaluation of phenolic content and antioxidant activity of a traditional medicinal drink consisting of Ginger *(Zingiber officinalis)* and peel of pomegranate *(Punica granatum)*** **Sabrina Hamri-Zeghichi,** University of Bejaia, Algeria
PME-016	**Morphological characteristics of two endemic subspecies of *Clinopodium troodi* (Post) Govaerts growing in Turkey**

Ayla Kaya, Anadolu University, Turkey

PME-017 **Morpho-anatomical investigations on two relict endemic species: *Ajuga postii* Briq and *Ajuga relicta P. H. Davis* (Lamiaceae) from Turkey**

Emel Sönmez, Anadolu University, Turkey

PME-018 **Investigation of the suitability of species which are sold under the names of Yarrow in the herbalists in Turkey with the European Pharmacopoeia**

U Gokcen, Anadolu University, Turkey

PME-019 **Design and synthesis of some new Arylphthalazine containing derivatives as possible cytotoxic agents**

Salwa Elmeligie, Cairo University, Egypt

PME-020 **Enhancement of Gum Acacia solubility by single process of humidification and drying (granulation)**

Waddah F Nour, University of Karary, Sudan

PME-021 **Novel gut barrier modulatory effect of Vildagliptin in amelioration of bacterial translocation in cholestatic rats: Role of IGF-1**

Doaa A Zaky, Cairo University, Egypt

PME-022 **Assessment of physicians' response to text alerts in patients with reduced renal function by using a text message alerting system**

Aida Sefidani Forough, Shahid Beheshti University of Medical Sciences, Iran

PME-023 **Synthesis, evaluation and docking studies of some novel 1,2,4-triazine derivatives bearing five member heterocyclic moiety as potential anti-inflammatory and analgesic agents**

Anupam G Banerjee, Banaras Hindu University, India

PME-024 **Lipid and safety profile assessment of atorvastatin calcium loaded oral biodegradable polymeric nanoparticles in rats**

Nagendra Kumar, Banaras Hindu University, India

PME-025 **Design, synthesis, preliminary pharmacological screening of some indolizine derivatives for anti-inflammatory activity**

Pavan Srivastava, Banaras Hindu University, India

PME-026 **Simple, reproducible & robust bioassays in cryopreserved ready-to-assay format**

Nadia Tagnaouti, DiscoveRx Corporation Ltd., UK

PME-027 **Development of simple, robust bioassays for biosimilar & biobetter development**

Nadia Tagnaouti, DiscoveRx Corporation Ltd., UK

PME-028 **A study on quantitative structure - activity relationship and molecular docking of Hsp90 inhibitors based on 3, 4-isoxazolediamide scaffold**

Maryam Abbasi, Isfahan University of Medical Sciences, Iran

PME-029 **Terpenoids and sterols from the red sea soft coral *Sinularia terspilli***

Rabab Mohamed, Beni Suef University, Egypt

Panel Discussion

Day 3 November 04, 2015

Conference Hall-1

Keynote Forum

09:00-09:25 **Sridevi Chigurupati**
Asian Institute of Medicine, Science & Technology, Malaysia

Track 7: Genetics, Genetic Engineering and Biomedical Engineering
Track 8: Ethics in Pharmacy
Track 9: Pre Formulation Study & Techniques
Track 10: Green Chemistry in Pharmaceutical Industry

Session Chair: Salwa Elmeligie, Cairo University, Egypt
Session Co-Chair: Dalia A Hamdy, Alexandria University, Egypt

Session Introduction

09:25-09:45 **Assessing prescribing patterns for the prevention of chemotherapy-induced nausea and vomiting in the National Center for Cancer Care and Research**

Manal Zaidan, Hamad Medical Corporation, Qatar

09:45-10:05	**Design and synthesis of new 1,3,4-benzotriazepin-5-one derivatives and their biological evaluation as tubulin polymerase inhibitors** **Lamia W Mohamed**, Cairo University, Egypt
10:05-10:25	**Green Chemistry as a recent trend in Pharmacy education to afford Pharmaceutical products** **Salwa Elmeligie**, Cairo University, Egypt
Track 6: Industrial Pharmacy and Pharmacy Practice	
10:25-10:45	**Trends of elderly outpatients prescribing in a tertiary hospital in Dubai, United Arab Emirates** **Amina Mahdy**, Dubai Pharmacy College, UAE
Networking & Refreshments 10:45-11:00 @ Foyer	
Young Researchers Forum	
11:00-11:15	**Characterization of inclusion complex of Acyclovir with thiolated β-Cyclodextrin as mucoadhesive vaginal drug delivery system** **Muhammad Ijaz**, University of Innsbruck, Austria
11:15-11:30	**Preactivated thiomer for nasal delivery of Apomorphine: Synthesis and in vitro evaluation** **Kesinee Netsomboon**, University of Innsbruck, Austria
11:30-11:45	**Role of Malaria Control Program in Pakistan: A myth or reality?** **Malik M**, North-West University, South Africa
11:45-12:00	**Experimental design and optimization of Mesalazine film-coated tablets 500 mg** **Liljana Makraduli**, Replek Farm Ltd., Republic of Macedonia
12:00-12:15	**Study of some Indian medicinal plants for their dental care potential and development of oral gel for treatment of periodontal diseases** **Reenu Yadav**, Oriental College of Pharmacy, India
12:15-12:30	**Polymeric nanoparticles for CNS targeting: It is time to think about the nanotoxicological aspects** **Amira Sayed Mahmoud Hanafy**, Pharos University, Egypt
12:30-12:45	**The stability of injectable Oxytocin with respect to pH** **Ahmad F K Alzayadi**, Curtin University Perth, Australia
12:45-13:00	**Adhesion molecules and Arginase enzyme: promising therapeutic targets for human ulcerative colitis** **Abdel Aziz Elshemari**, Northern Borders University, KSA
13:00-13:15	**Vitamin B12 deficiency in Metformin-treated type 2 diabetes patients, prevalence and association with peripheral neuropathy** **Marwan Ahmed**, University of Pretoria, South Africa
13:15-13:35	**LPG-1, a novel anti-tumor prodrug-conjugate nanoparticle formulation overcoming severe side effects of existing treatment** **Matthias Steiert**, Los Gatos Pharmaceuticals, USA
Lunch Break 13:35-14:05	
14:05-14:25	**Introduction to Clinical Research** **Menyfah Q Alanazi**, Ministry of National Guard Health Affairs, KSA
14:25-14:45	**The protection of acetaminophen-induced hepatotoxicity by biologically based therapeutics in CAM** **Tawfik Mustafa Alhussainy**, University of Petra, Jordan
14:45-15:05	**Analytical and bioanalytical methods for Nanotechnology** **Basavaraj K Nanjwade**, Omer Al-Mukhtar University, Libya
15:05-15:25	**Development of self-nano emulsifying drug delivery systems for Olmesartan Medoxomil: A formulation by design approach** **Sreenivas Patro Sisinthy**, Taylors University, Malaysia
15:25-15:45	**Synthesis, cytotoxic activity, and tubulin polymerization inhibitory activity of novel 1-(naphthalen-1-yl)-N-phenyl-5-(aryl)-1H-1,2,4-triazole-3-carboxanilides** **Omar M Aly**, Minia University, Egypt
15:45-16:05	**Effect of obesity on serum level of Hepcidin in hemodialysis patients** **Ola Sayed Mohammed Ali**, Al Azhar University, Egypt
Panel Discussion	
Award ceremony	