

The 15th Scientific Congress of the Association of Pharmacy Colleges in the Arab World
&
The 3rd International Conference of The Faculty of Pharmacy / The University of Jordan

“Recent Trends and Advances in Pharmacy”

Amman – Jordan (October 9th-11th, 2012)

Scientific Program

First Day (Tuesday - Oct 9th, 2012)

08:00-09:00 Registration

09:00-09:45 Opening Ceremony

09:45-11:00 Opening of the Exhibition and Coffee Break

Session 1: 11:00-13:00 Moderators: Prof. Fatma Afifi & Dr. Amal Al-Bakri

Day 1/PL-1 11:00-11:45 Polyphosphate and bacterial survival.

Presenter: Prof. Emer. Michael Brown - University of London, United Kingdom

Day 1/PL-2 11:45-12:15 Pharmacognosy in the 21st century – an identity crisis?

Presenter: Prof. Emer. Peter Houghton - Kings College London, United Kingdom

Day 1/PL-3 12:15-13:00 Oral drug delivery: Solubility & dissolution rate, oral absorption, and approaches to overcome the limitations to enable a successful drug product.

Presenter: Dr. Munir Hussain - Bristol-Meyers Squibb Co., United States

13:00-14:30 Lunch Break

Session 2: 14:30-15:45 Moderators: Dr. Nailya Boulatova & Dr. Mutasim Al-Ghazawi

Day 1/SL-1 14:30-14:45 The protective effect of histamine during the acute phase of hepatic ischemia / reperfusion injury.

Presenter: Prof. Alaa Eldin Elsisy - Tanta University, Egypt

Day 1/SL-2 14:45-15:00 The effect of β_3 -adrenoceptor agonist (BRL37344) on carbachol and EFS-evoked contractions of isolated ovine detrusor muscle strip.

Presenter: Dr. Majid Lafi - University of Al-Anbar, Iraq

Day 1/SL-3 15:00-15:15 Effect of sildenafil citrate on behavior and excitatory and inhibitory amino acids levels in Albino rat's brain.

Presenter: Prof. Suhera Aburawi - Tripoli University, Libya

Day 1/SL-4 15:15-15:30 Renoprotective effect of aliskiren-pentoxifylline combination vs other renin-angiotensin system inhibitors in hypertensive-diabetic type 2 patients with diabetic nephropathy.

Presenter: Dr. Amin Hamed - Al-Azhar University, Palestine

Day 1/SL-5 15:30-15:45 Pharmacological modulation of AMP-activated protein kinase as a novel strategy for the treatment of inflammatory bowel diseases.

Presenter: Dr. Oriana Awwad - University of Jordan, Jordan

15:45-16:15 Coffee Break

Session 3: 16:15-17:30 Moderators: Dr. Rana Abu-Dahab & Dr. Al-Motassem Fahmi

Day 1/SL-6 16:15-16:30 Treatment related problems for outpatients with chronic diseases in Jordan.

Presenter: Dr. Iman Basheti - Applied Science University, Jordan

Day 1/SL-7 16:30-16:45 Impact of academic stress on the immune response.

Presenter: Dr. Areej Assaf - University of Jordan, Jordan

Day 1/SL-8 16:45-17:00 Hepatic histological alterations induced by sildenafil overdoses.

Presenter: Prof. Bashir Jarrar - AL-Jouf University, Saudi Arabia

Day 1/SL-9 17:00-17:15 Predicted and measured amikacin levels in critically ill Kuwaiti patients

Presenter: Dr. Kamal Matar - Kuwait University, Kuwait

Day 1/SL-10 17:15-17:30 The diabetic obese chronic obstructive pulmonary disease patient in pulmonary rehabilitation programme: New challenges and opportunities for pharmacists.

Presenter: Dr. Mohammed Shamssain - Ajman University, United Arab Emirates

17:30-19:30 Poster Session I (Posters 1-15)

Second Day (Wednesday - Oct 10th, 2012)

Session 4: 09:30-11:00 Moderators: Prof. Sulaiman Al-Khalil & Prof. Yusuf Al-Hiari		
Day 2/PL-1	09:30-10:15	Molecular targets of natural drug substances: Idiosyncrasies and preferences. <i>Presenter: Prof. Peter Imming - Martin-Luther-University Halle-Wittenberg, Germany</i>
Day 2/PL-2	10:15-11:00	The design, synthesis, characterization and biological screening evaluation of 1-adamantyl chalcones as potential breast cancer agents. <i>Presenter: Prof. Tawfeeq Kaimari - Al-Khalil University, Palestine</i>
11:00-11:15 Coffee Break		
Session 5: 11:15-13:00 Moderators: Prof. Enam Khalil & Dr. Randa Haddadin		
Day 2/PL-3	11:15-12:00	Resistance and tolerance to biocides: Can we learn our lessons from antibiotics resistance? <i>Presenter: Dr. Phillip Collier - University of Abertay Dundee, United Kingdom</i>
Day 2/SL-1	12:00-12:15	Phenytoin: Is it genotoxic in isolated cultured human lymphocytes without metabolic activation? <i>Presenter: Prof. Mohamed Abdel-Aziz - Salman Bin Abdulaziz University, Saudi Arabia</i>
Day 2/SL-2	12:15-12:30	Saliva versus plasma pharmacokinetics, theory and application of a salivary excretion classification system. <i>Presenter: Prof. Nasir Idkaidek - Petra University, Jordan</i>
Day 2/SL-3	12:30-12:45	Pushing pharmacy towards public health and evidence-based practice: The impact of clinical knowledge. <i>Presenter: Dr. Abdulmulla Abduelkarem - Ajman University, United Arab Emirates</i>
Day 2/SL-4	12:45-13:00	Formulation and process for the preparation of modafinil. <i>Presenter: Prof. AlSayed Sallam - STD, Jordan</i>
13:00-14:30 Lunch Break		
14:30-17:30 Workshop I: Clinical Skills Workshop		
Session 6: 14:30-15:45 Moderators: Dr. Bashar Al-Khalidi & Dr. Dina El-Sabawi		
Day 2/SL-5	14:30-14:45	Novel biodegradable elastomers for preserving therapeutic IL-2 stability and bioactivity. <i>Presenter: Dr. Husam Younes - Qatar University, Qatar</i>
Day 2/SL-6	14:45-15:00	Recent advances in pharmaceutical coating: Solventless coating techniques: Dry powder, electrostatic powder and photocurable coating: processes and their application. <i>Presenter: Dr. Derar Omari - Jordan</i>
Day 2/SL-7	15:00-15:15	Evaluation of the suspending properties of <i>Abelmoschus esculentus</i> (okra) and sodium sesquicarbonate (trona) on metronidazole suspensions. <i>Presenter: Dr. Olusola Aremu - Olabisi Onabanjo University, Nigeria</i>
Day 2/SL-8	15:15-15:30	Preparation and characterization of biodegradable paclitaxel loaded chitosan microparticles. <i>Presenter: Dr. Ramadan Al-shdefat - Salman Bin Abdulaziz University, Saudi Arabia</i>
Day 2/SL-9	15:30-15:45	Nanomedicine for cancer therapy. <i>Presenter: Dr. Samer Abulateefeh - University of Jordan, Jordan</i>
15:45-16:15 Coffee Break		
Session 7: 16:15-17:30 Moderators: Dr. Mohammad Hudaib & Dr. Bassam Amro		
Day 2/SL-10	16:15-16:30	Biomedical applications of gold nanotechnology. <i>Presenter: Dr. Alaaldin Alkilany - University of Jordan, Jordan</i>
Day 2/SL-11	16:30-16:45	Screening for bromocriptine effect on spontaneous motor activity using albino mice. <i>Presenter: Dr. Madiha Al-Gdamsi - Tripoli University, Libya</i>
Day 2/SL-12	16:45-17:00	Minimizing the influence of pH variations on loratadine release using liquisolid compacts technique. <i>Presenter: Dr. Mazen El-Hammadi - International University for Science and Technology, Syria</i>
Day 2/SL-13	17:00-17:15	Molecular detection of MecA and FemA genes in methicillin resistance <i>Staphylococcus aureus</i> isolated from patients with skin infections. <i>Presenter: Dr. Mushtak Al-Ouqaili - University of Al-Anbar, Iraq</i>
Day 2/SL-14	17:15-17:30	A bacteriological compare between a normal and an inflamed appendix. <i>Presenter: Dr. Yasser Al-Janabi - University of Al-Anbar, Iraq</i>
17:30-19:30 Poster Session II (Posters 16-30)		
17:30-19:30 Meeting of the deans of the "Association of the Faculties of Pharmacy in the Arab World"		
20:30 Gala Dinner		

Third Day (Thursday - Oct 11th, 2012)

Session 8:	09:30-11:00	Moderators: Prof. Abla Bsoul & Prof. Salah AbuRuz
Day 3/PL-1	09:30-10:15	Postgraduate pharmacy training: A focus on residencies and fellowships. <i>Presenter: Prof. Michael Jann - Mercer University, United States</i>
Day 3/PL-2	10:15-11:00	Selected flavonoid-rich plants from Jordan with pancreatic and extrapancreatic propensities. <i>Presenter: Prof. Fatma Afifi - The University of Jordan, Jordan</i>
11:00-11:30 Coffee Break		
11:00-18:00 Workshop II: Pharmacoeconomics Workshop (ISPOR – Jordan)		
Session 9:	11:30-13:00	Moderators: Prof. Rula Darwish & Prof. Imad Hamdan
Day 3/PL-3	11:30-12:15	The recent developments of pharmaceutical research in the Arab World. <i>Presenter: Dr. Adel AbuShofa - Libyan Society for Pharmaceutical Sciences, Libya</i>
Day 3/SL-1	12:15-12:30	Influence of seasons on the composition of brown and red algae growing on the Lebanese coast and the pharmaceutical, medical and agro-food applications of their isolated polysaccharides. <i>Presenter: Prof. Hussein Kanaan - Lebanese University, Lebanon</i>
Day 3/SL-2	12:30-12:45	Naproxen cromolyn as new glycogen synthase kinase 3 β inhibitors: By molecular modeling techniques and subsequent <i>in vitro/ in vivo</i> biochemical evaluation to be used in the treatment of diabetes and obesity. <i>Presenter: Prof. Tarek Motawi - University of Cairo, Egypt</i>
Day 3/SL-3	12:45-13:00	High performance liquid chromatography in determination of diclofenac sodium in plasma of the rat. <i>Presenter: Prof. Basil Mohammed - University of Mosul, Iraq</i>
13:00-14:30 Lunch Break		
Session 10:	14:30-15:45	Moderators: Dr. Mayyada Shehadeh & Dr. Khaled Tawaha
Day 3/SL-4	14:30-14:45	Pancreatic lipase inhibition activity of trilactone terpenes of <i>Ginkgo biloba</i> . <i>Presenter: Dr. Ihab Almasri - Al-Azhar University, Palestine</i>
Day 3/SL-5	14:45-15:00	Traditional uses and scientific evidence for a selected native medicinal plant from Jordan: a critical evaluation of <i>Sarcopoterium spinosum</i> . <i>Presenter: Dr. Violet Kasabri - University of Jordan, Jordan</i>
Day 3/SL-6	15:00-15:15	Synthesis and biological activities of new 9-cyclopropyl-4-fluoro-3-(4-substituted phenyl)-6-oxo-6,9-dihydro-3H-[1,2,3]triazolo[4,5-h]quinoline-7-carboxylic acid derivatives. <i>Presenter: Dr. Ashok Shakya - Al-Ahliyya Amman University, Jordan</i>
Day 3/SL-7	15:15-15:30	<i>In vivo</i> analgesic and anti-inflammatory activities of two Libyan medicinal plants- <i>Helianthemum lippii</i> and <i>Launaea residifolia</i> . <i>Presenter: Mr. Sami Alsabri - National Center for Medical Research, Libya</i>
Day 3/SL-8	15:30-15:45	Design, synthesis and biological evaluation of achiral thiolactomycin analogues as potentials anti-tubercular agents <i>Presenter: Mr. Salah Mohamed - National Center for Medical Research, Libya</i>
Day 3/SL-9	15:45-16:00	Synthesis and biological screening of some new sulfanilamides Schiff's base. <i>Presenter: Mr. Sofian Mohamed - National Center for Medical Research, Libya</i>
16:00-16:15 Coffee Break		
Session 11:	16:15-17:30	Moderators: Dr. Maysa Suyagh & Dr. Sawsan Abuhamdah
Day 3/SL-10	16:15-16:30	Drug prescribing trends in Libya (1991-2012): A vision for the future. <i>Presenter: Dr. Salma Bukhatwa - Benghazi University, Libya</i>
Day 3/SL-11	16:30-16:45	Methylene tetrahydrofolate reductase genotype correlation with the toxicity and response to methotrexate in rheumatoid arthritis patients at Jordan University Hospital. <i>Presenter: Ms. Mais Urabi Saleh - University of Jordan, Jordan</i>
Day 3/SL-12	16:45-17:00	Pharmaceutical care system using artificial neural network. <i>Presenter: Mr. Hamzah Mohammad - University of Jordan, Jordan</i>
Day 3/SL-13	17:00-17:15	Feasibility of a pharmacist-led diabetes disease management and education program for the Arabic-speaking patients in Australia. <i>Presenter: Mr. Sami Saqf el Hait - University of Sydney, Australia</i>
Day 3/SL-14	17:15-17:30	Treatment related problems associated with metabolic complications of chronic kidney disease in Jordanian hemodialysis patients. <i>Presenter: Ms. Leena Abdel Al - Palestine</i>
Session 12:	17:30-18:00	Moderators: Prof. Talal Aburjai & Prof. Khaled Al-Fawares
17:30-18:00 Closing Ceremony		

List of Posters

- P-01** Cytotoxicity study of some plants collected from eastern Libya.
Mr. Abdulmottalebi Zetrini - National Center for Medical Research, Libya
- P-02** Anti-inflammatory, antinociceptive and antipyretic activities of clove oil in mice.
Ms. Awatef Samud - Tripoli University, Libya
- P-03** Coexistence of autoimmune disease with type I Diabetes mellitus in Libyan patients.
Ms. Ebtesam Abosmaha - National Center for Medical Research, Libya
- P-04** Studying the effect of specific wave length light-activation of photosensitizer-pluronic® gel based topical formula against *Staphylococcus aureus* culture.
Ms. Eman Aqil - University of Jordan, Jordan
- P-05** Novel prehospital care system.
Mr. Hamzah Mohammad - University of Jordan, Jordan
- P-06** Electronic medication sheet.
Mr. Hamzah Mohammad - University of Jordan, Jordan
- P-07** Web-based public health education and pharmaceutical care delivery platform.
Mr. Hamzah Mohammad - University of Jordan, Jordan
- P-08** Studies on the stability of chloramphenicol ophthalmic solution.
Dr. Idris El-Mahdi - Benghazi University, Libya
- P-09** Effect of the novel inhaler-based reminder labels on inhaler technique education and asthma clinical outcomes.
Dr. Iman Basheti - Applied Science University, Jordan
- P-10** Undergraduate clinical course incorporating medication management reviews.
Dr. Iman Basheti - Applied Science University, Jordan
- P-11** Inhaler technique training and health care professionals: Effective long term resolution for a current dilemma.
Dr. Iman Basheti - Applied Science University, Jordan
- P-12** Patient perspective of the role of the Pharmacist and willingness to pay for Medication Review services in the Middle East: Jordan, Emirates and Iraq.
Dr. Iman Basheti - Applied Science University, Jordan
- P-13**
- P-14** Anti-inflammatory evaluations of some Libyan traditional plant.
Mr. Khaled Aburas - National Center for Medical Research, Libya
- P-15** Beet as promising natural source of food and cosmetic coloring agents.
Ms. Marwa Dlim - National Center for Medical Research, Libya
- P-16** Antifungal activity of an herbal formulation for treating ovine dermatophytosis due to *Trichophyton mentagrophytes*.
Dr. Michele Leonardi - University of Pisa, Italy
- P-17** Phytochemical studies and evaluation of Anti-Parkinson's disease of *Hyoscyamus muticus*
Dr. Mohamed Elnaas - Misurata University, Libya
- P-18** Prevalence and antimicrobial susceptibility profile of *Helicobacter pylori* clinical isolates of patients with chronic gastritis and peptic ulcer in Jordan.
Mr. Mohammad Abu-Sini - University of Jordan, Jordan
- P-19** Early detection of Chronic Obstructive Pulmonary Disease : The way forward for clinical pharmacists.
Dr. Mohammed Shamssain - Ajman University, UAE
- P-20** Extract and naphthoquinone derivatives from *in vitro* culture of an ascomycetous marine fungus with antibacterial activity.
Dr. Muftah Shushni - Benghazi University, Libya
- P-21** Identification of ferulenol and 4-hydroxycoumarin in *Ferula communis* samples collected in Jordan using different methods.
Dr. Mustafa Shdeifat - Royal Botanical Garden, Jordan
- P-22** Mucoadhesive Sental Paste: An attempt to treat periodontal Inflammation.
Ms. Nadeem Hasan - Luqman College of Pharmacy Gulbarga, India
- P-23** Evaluation of lipoprotein (a) levels in type 2 diabetic Jordanian patients.
Ms. Noor Barham - University of Jordan, Jordan
- P-24** Synthesis and EPR measurement of perchlorotriphenylmethyl radicals and their conjugates with biopolymers.
Prof. Peter Imming - Martin-Luther-Universitaet Halle-Wittenberg, Germany
- P-25** Trends of cardiovascular drug utilization and expenditures in Qatar (2007-2011).
Ms. Rajaa Al-Qudah - Qatar University, Qatar
- P-26** Role of clinical pharmacist in initiation and dose titration of oral hypoglycemic agents in patients with type 2 diabetes.
Ms. Ruba Wishah -, Jordan
- P-27** Antioxidant activity of eight Libyan medicinal plants extracted using the microwave technique.
Mr. Sami Alsabri - National Center for Medical Research, Libya
- P-28** Evaluation of adiponectin serum level in Jordanian type 2 diabetic patients.
Ms. Shereen Al-Eide - University of Jordan, Jordan
- P-29** Benzylpenicillin / procaine - benzylpenicillin induced serious adverse drug reactions in 54-years-old female patient.
Dr. Vesna Radović - STADA Hemofarm A.D., Serbia
- P-30** Clindamycin induced serious adverse drug reactions in 29-years-old male patients.
Dr. Vesna Radović - STADA Hemofarm A.D., Serbia