



**FINAL PROGRAM**

**December 11, 2006 (Monday)**

8:00 to 9:00	Registration
9:00 to 9:45	Opening Ceremony Venue: HSC New Building, First Floor, Conference Hall A
9:45 to 10:15	Coffee Venue: HSC New Building, Ground Floor, Lounge A
10:15 to 12:00	<b>Open Session: Pharmaceutical Education</b> Venue: HSC New Building, First Floor, Conference Hall A Chairman: Dr. Abdulla Al-Bekairi, Dean, King Saud University, KSA. Co-chairman: Prof. L. Novotny, Acting Dean, Faculty of Pharmacy, Kuwait University, Kuwait. PE-OS-1: Faculty of Pharmacy at Kuwait University- the Present and the Future, <u>L. Novotny L, A. Al-Khars</u> , Faculty of Pharmacy, Kuwait University, Kuwait. PE-OS-2: B.Sc. in Pharmacy to Pharm.D., Why?, <u>H.A. Mosli</u> , Dean and Professor of Medicinal Chemistry, Faculty of Pharmacy, King Abdulaziz University, PO Box 80260, Jeddah 21589, Saudi Arabia PE-OS-3: Planning a Post B.S. Doctor of Pharmacy Program at Kuwait University, <u>M. Waheedi, M. Qaddoumi</u> , Faculty of Pharmacy, Kuwait University, Kuwait.

12:00 to 14:00	Prayer Display of posters (Venue: HSC New Building, Ground Floor, Lounge B) Lunch (Venue: HSC Cafeteria)
14:00 to 16:00	Deans Meeting Venue: HSC New Building, First Floor, Conference Hall A
16:00 to 17:00	<b>Plenary Lecture-I: "Pharmacists as Community Health Professionals- A preSCRIPTION for success"</b> Venue: HSC New Building, First Floor, Conference Hall A Speaker: Prof. Ross T. Tsuyuki, Department of Medicine, Division of Cardiology, University of Alberta, Edmonton, Canada Chairman: Dr. Wandikayi Matowe, Department of Pharmacy Practice, Faculty of Pharmacy, Kuwait University, Kuwait. Co-chairman: Dr. Phillip Capps, Department of Pharmacy Practice, Faculty of Pharmacy, Kuwait University, Kuwait.
17:00 to 17:30	Prayer Coffee (Venue: HSC New Building, Ground Floor, Lounge A)
17:30 to 18:30	<b>Plenary Lecture-II: "Optimization of anti-invasive and anti-metastatic marine natural product leads"</b> Venue: HSC New Building, First Floor, Conference Hall A Speaker: Prof. Khalid A. El Sayed, School of Pharmacy, University of Louisiana at Monroe, Louisiana, USA Chairman: Dr. Khaled Orabi, Faculty of Pharmacy, Kuwait University, Kuwait Co-chairman: Dr. Alicia Catabay, Faculty of Pharmacy, Kuwait University, Kuwait
18:30 to 19:00	Prayer

	Coffee (Venue: HSC New Building, Ground Floor, Lounge A)
19:00 to 20:00	<b>Plenary Lecture-III: "In situ forming biodegradable Drug delivery systems"</b> Venue: HSC New Building, First Floor, Conference Hall A Speaker: Prof. Ronald Bodmeier, College of Pharmacy, Freie Universität Berlin, Berlin, Germany. Chairman: Dr. Y.S.R. Krishnaiah, Department of Pharmaceutics, Faculty of Pharmacy, Kuwait University, Kuwait. Co-chairman: Dr. Abdelazim Zaghoul, Department of Pharmaceutics, Faculty of Pharmacy, Kuwait University, Kuwait
20:00 to 22.00	Dinner Venue: Kuwait Hotel Crowne Plaza Hotel, Wedding Hall, Farwania, Kuwait

**December 12, 2006 (Tuesday)**

8:15 to 9:45	<b>Scientific Session-I: <i>Pharmaceutical Care</i></b> <i>Venue:</i> HSC New Building, Ground Floor, Conference Hall A <i>Chairman:</i> Dr. Mirghani Yousif, Dean, Jazeera University, Sudan. <i>Co-chairman:</i> Dr. Ivan Edafiogho, Department of Pharmacy Practice, Faculty of Pharmacy, Kuwait University, Kuwait.	<b>Scientific Session-II: <i>Therapeutic Drug Monitoring &amp; Inborn Errors of Metabolism</i></b> <i>Venue:</i> HSC New Building, Ground Floor, Conference Hall B <i>Chairman:</i> Dr. Mohamad Nukhailan, Assistant Undersecretary, Ministry of Health, Kuwait. <i>Co-chairman:</i> Dr. Samuel Kombian, Department of Applied Therapeutics, Faculty of Pharmacy, Kuwait University, Kuwait.
	PC-O-1: Physicians' perceptions and expectations	TDM-O-1: Pharmacokinetic comparisons of

	of pharmacists' professional duties in government hospitals in Kuwait, <i>N. Al-Saffar, E.A. Abahussain, L. Matowe, S.M. Bihzad, A. Al-Foraih, A.A. Al-Kandery</i>	Jordanian Arabs with other populations, <i>S. Shilbayeh, M.F. Tutunji</i>
PC-O-2: Safe, Therapeutic and economic pharmaceutical selection (STEPS) model for drug formulary inclusion, <i>I. Al-Abbadi</i>		TDM-O-2: Using clinical data to estimate gentamicin initial dosing parameters in adults, <i>Y. Al-Lanqawi, K. Abudmalek, K. Al-anezi, A. Thusu, P. Sharma, P. Capps</i>
PC-O-3: Attitudes to drug promotion among pharmacy faculty at Kuwait University, <i>D.E. Ball</i>		TDM-O-3: Analysis of antibiotic utilization in hospitalized pediatric patients: <i>J. Kolar, R. Vachova</i>
PC-O-4: A survey of the general public's view of the professional role of the community pharmacist, over-the-counter (OTC) drugs and community-based pharmaceutical services, <i>M. Wazaify, A. Al-Bsoul-Younes, E. Abu-Gharbieh, L. Tahayneh</i>		TDM-O-4: Prediction of fibrosis cirrhosis among Egyptian patients with chronic hepatitis C virus (HCV) using noninvasive index, <i>F.A. Badria, S. Gabr</i>
PC-O-5: Accidental poisoning among children in Kuwait with pharmaceutical and chemical agents, <i>E.A. Abahussain, D.E. Ball</i>		TDM-O-5: Preliminary experience with screening for inherited metabolic disorders in Kuwaiti newborns and infants, <i>M.E. Abdel-Hamid, K.</i>

		of oral single dose amoxicillin trihydrate capsule formulations (Shamoxil and Amoxil®) in healthy volunteers, <i>H.O. Alkadi, A. M.A. Noman, A. Altayeb, A. Noman, N. Zawia, A. Alsolwi, A. Alhakami</i>
DD-O-3: <i>In vitro</i> testing of novel anticonvulsant compounds, <i>S.B. Kombian, I.O. Edafiogho, K.V.V. Ananthalakshmi</i>		DDS-O-3: Comparative bioavailability of norfloxacin tablets based on blood and urine Data, <i>A.H. Nada, M.A. Sharaf, Z.A. El Gholmy, N.M. Khalafallah</i>
DD-O-4: Quinolones Resistance in <i>Staphylococcus aureus</i> Mediated by NorA Efflux Pump, <i>A. Abdelaziz, R.A. El-Domany</i>		DDS-O-4: Bioavailability assessment of vitamin A self nano emulsified drug delivery systems (SNEDDS) in rats: A comparative study, <i>A. Zaghloul, E. Taha, D. Ghorab</i>

	DD-O-5: Isolation of ginkgolides A and B and bilobalide from <i>Ginkgo biloba</i> extract and their microbial metabolism, <u>H.G. Sary, K.Y. Orabi</u>	DDS-O-5: Bioequivalence study of two formulations of ketoconazole tablet in healthy volunteers, <u>M. Hassanzadeh-Khayyat, H.R. Sadeghnia</u>
	DD-O-6: Extended spectrum $\beta$ -lactamase production by Gram negative bacterial isolates, <u>F.I. Sonbol, M.S. Ashour, Z.N.</u>	DDS-O-6: The effect of colloidal silicon dioxide on the rate of dissolution of some drugs, <u>N. Khalili, S. Zand-</u>

		<i>Tisocki</i>
	PC-O-6: Evaluating Antimicrobial Resistance in the Neonatal Intensive Care Unit at King Khalid University Hospital in Riyadh, <u>K.M. Alkharfy, H.S. AL-Addam, T.M. Alkharfy, A.M. Kambal</u>	
9:45 to 10:15	Coffee Venue: HSC New Building, Ground Floor, Lounge A	
10:15 to 12:00	<b>Scientific Session-III: Drug Discovery</b> Venue: HSC New Building, First Floor, Conference Hall A Chairman: Dr. Ahmad Hassan, Dean, Damascus University, Syria Co-chairman: Dr. Abdulla Assad, Deputy Director, KSP, Kuwait	<b>Scientific Session-IV: Drug Delivery Systems</b> Venue: HSC New Building, First Floor, Conference Hall B Chairman: Dr. Ayman Obaidat, Dean, Jordanian University of Science & Technology, Jordan. Co-chairman: Dr. Aly Nada, Department of Pharmaceutics, Faculty of Pharmacy, Kuwait University, Kuwait
	DD-O-1: Global trends in natural products pharmacology research, <u>A.H. Gilani</u>	DDS-O-1: Ex vivo mucoadhesion and in vivo bioavailability assessment and correlation of ketoprofen tablet dosage form containing bioadhesives, <u>A. Zaghloul, E. Taha, I. Khattab</u>
	DD-O-2: The pharmacy of the sea, <u>K.Y. Orabi</u>	DDS-O-2: Randomization bioequivalence study

	<i>Ahmed, A.K. Abdulall</i>	<i>Pazandi, M. Ghaffari</i>
	DD-O-7: Fight & prevent hepatitis naturally, <u>M.A. El-Sakka</u>	DDS-O-7: A comparison study between the release of mebeverin hydrochloride from tablets using hydrophilic polymers and insoluble polymers, <u>A. Sijari, A. Al-Lahm, A. Hassan</u>
12:00 to 12:30	Prayer Coffee (Venue: HSC New Building, Ground Floor, Lounge A)	
12:30 to 13:00	<b>Author-attended Poster Sessions</b> Venue: HSC New Building, Ground Floor, Lounge-B Adjudicators: Dr. Khaled Orabi, Dr. Kamal Matar, Dr. Wandikayi Matowe, Dr. Y.S.R. Krishnaiah; Faculty of Pharmacy, Kuwait University, Kuwait	
	PC-P-1: Microbiology of diabetic foot infection and antimicrobial choice in Libyan patients, <u>S.I. El-Garssadi, O.S. Skarus, A.S. Saleem, N.A. Elmegrahi, A.A. Ghalbon</u>	
	PC-P-2: Risk factor model for developing postpartum diabetes mellitus in patients with Gestational Diabetes Mellitus (GDM), <u>J.C. McElnay, A.A. Elnour</u>	
	TDM-P-1: Therapeutic Drug Monitoring of high dose gentamicin in elderly patient- A case report, <u>Y.M. Al-Lanqawi, P. Capps, K. Abdulmalik</u>	
	TDM-P-2: Therapeutic Drug Monitoring of Gentamicin: Evaluation of five nomograms for initial dosing at Al-Amiri hospital in Kuwait, <u>Y.M. Al-lanqawi, P. Capps, M. Abdel-Hamid, K. Abdulmalek, O.A. Phillips, K. Matar, P. Sharma, A. Thusu</u>	
	DD-P-1: Effect of selected natural products, thioproline and pegasys on hepatic platelet activating	

	factor (PAF) on CCl <sub>4</sub> -induced liver fibrosis in rats, <i>F.A. Badria, H. Abou-ElFotouh</i>
DD-P-2:	Effect of the plant medicinal in the crystallization of calcium oxalate <i>in vitro</i> , <i>M. Beghalia, A. Mekhaldi, A. Marouf, M. Belkoudja, A. Mhammedi</i>
DD-P-3:	Spectrofluorimetric determination of the anticoagulant warfarin sodium using human serum albumin as fluorogenic reagent, <i>H.M. El-Fataty, A.A. Habib, M.M. Mabrouk, S.F. El-Malla</i>
DDS-P-1:	Randomization bioequivalence study of oral single dose ciprofloxacin hydrochloride tablet formulations (Ciproxe and Ciprobay <sup>®</sup> ) in healthy volunteers, <i>H.O. Alkadi, M.A. Noman, A. Noman, A. Altayeb, N. Zawia, A. Alsolwi, A. Alhakami</i>
DDS-P-2:	Interaction of pyridostigmine bromide and <i>N,N</i> -Diethyl- <i>m</i> -toluamide alone and in combination with P-glycoprotein expressed in <i>Escherichia coli</i> leaky mutant, <i>E.M. El-Masry, M.B. Abou-Donia</i>
DDS-P-3:	Transdermal delivery of trimetazidine across a membrane-moderated transdermal therapeutic system using nerodilol as penetration enhancer, <i>Y.S.R. Krishnaiah, S.M. Al-Saidan</i>
DDS-P-4:	Preparation and evaluation of clotrimazole emulgels using pemulen as polymeric emulsifier, <i>S.A. Abdelhady, N.D. Mortada, M.A. Gade, M.H. Kamel</i>
DDS-P-5:	Application of factorial design to improve solubility and <i>in-vitro</i> dissolution of Nisesulide hydrophilic polymer binary system, <i>I. Khattab, S. Al-Saidan, A. Nada, A. Zaghloul</i>
DDS-P-6:	Stimuli-responsive hydrogels as drug delivery systems, <i>H.M. Fathy</i>
DDS-P-7:	Evaluation of the release kinetics of a press-coated biconvex core with an impermeable coat, <i>A.M. Abraham, J.N. McMullen</i>
ND-P-1:	Tau 1 was reduced in brains of ovariectomized rats fed with young coconut-juice, <i>N. Radenahmad, K. Sawangjaroen, U. Vongvatcharanon, P. Subhadhirasakul W. Rundorn,</i>

	B. Withyachumnarnkul, J.R. Connor
ND-P-2:	Effect of nitric oxide, vitamin E and selenium on experimental diabetes mellitus in rats, <i>M.M. Nader, L.A. Eissa, N.M. Gamil, E.M. Ammar</i>
ND-P-3:	Aquaticoside A-E, New Cytotoxic Triterpenoidal saponin glycosides acylated with two monoterpenic acid from <i>Gleditsia aquatica</i> , <i>H.A. Kadry, M. Hosny, E.A. Ragab</i>
ND-P-4:	Anxiolytic effect of <i>Euphorbia dendroides</i> L., <i>F.A. Al-Shammaki, A.A. Auzi, F.M. Sherif</i>
M-P-1:	Effect of biocides on the leakage of cellular pentose of <i>Escherichia coli</i> , <i>M.R. Al-Sagher, S.P. Denyer, R.M. Moman</i>
M-P-2:	Evaluation of microbial contamination of repackaged tablets in some of Tripoli city hospitals, <i>R.M. Moman, M.R. Al-Sagher, D.M. Rashid</i>
M-P-3:	Mapping the interaction surface of a membrane protein: Unveiling the conformational switch of phospholamban in calcium pump regulation, <i>J. Zamoan, F. Nitu, C. Karim, D.D. Thomas, G. Veglia</i>
13:00 to 14:00	Lunch Venue: HSC Cafeteria
14:00 to 16:00	Deans Meeting Venue: HSC New Building, First Floor, Conference Hall A
16:00 to 17:00	<b>Plenary Lecture-IV:</b> "New Developments in Population PK/PD Modeling, Multiple Model dosage design, and new methods of BAYESIAN updating of individual PK/PD models – Application to Clinical TDM" Venue: HSC New Building, First Floor, Conference Hall A Speaker: Prof. Roger W. Jelliffe, School of Medicine, University of Southern California, Los Angeles, USA. Chairman: Dr. Kamal M. Matar, Faculty of Pharmacy, Kuwait University, Kuwait

	<i>Co-chairman:</i> Dr. Abdelmoneim I. Awad, Faculty of Pharmacy, Kuwait University, Kuwait.
17:00 to 17:30	Prayer Coffee (Venue: HSC New Building, Ground Floor, Lounge A)
17:30 to 18:30	<b>Plenary Lecture-V:</b> "Newborn Screening for Metabolic and Endocrine Disorders: The Saudi Experience" <i>Venue:</i> HSC New Building, First Floor, Conference Hall A <i>Speaker:</i> Dr. Mohamed S. Rashed, Director, National Laboratory for Newborn Screening Research Centre, King Faisal Specialist Hospital & Research Centre, Saudi Arabia. <i>Chairman:</i> Dr. Mohammed Abdel Hamid, Faculty of Pharmacy, Kuwait University, Kuwait. <i>Co-chairman:</i> Dr. Mohamed G. Qaddoumi, Faculty of Pharmacy, Kuwait University, Kuwait
18:30 to 19:00	Prayer Coffee (Venue: HSC New Building, Ground Floor, Lounge A)
19:00 to 20:15	<b>Scientific Session-V: Novel Drugs</b> <i>Venue:</i> HSC New Building, First Floor, Conference Hall B <i>Chairman:</i> Dr. Ahmad Saada, Dean Cairo University, Egypt. <i>Co-chairman:</i> Dr. Oludotun Phillips, Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Kuwait University, Kuwait.
	ND-O-1: New nucleoside conjugates active in experimental leukemia, <i>L. Novotny, O.A. Phillips</i>
	ND-O-2: Benzylamino enamines as potential anticonvulsants, <i>I. Edafiogho, S.B. Kombian, K.V.V. Ananthalakshmi</i>
	ND-O-3: Structure-antibacterial activity of novel 5-triazolylmethyl oxazolidinones: <i>O.A. Phillips, E.E. Udo, S. Samuel</i>
	ND-O-4: Pyrrole derivatives as potential anti-inflammatory agents: <i>M.S. Mohammed, A.E. Rashad, M. Adbel-Monem, S.S. Fatahalla</i>
	ND-O-5: Insights in the mechanisms underlying the anti-ulcer activity of nicorandil <i>H.A.F. Ismail, M.M.A. Khalifa, M.H. Kassem, O.M. Ashour</i>
20:30 to 22:00	Dinner Venue: Safir International Hotel, Kuwait.

**December 13, 2006 (Wednesday)**

<b>Workshop-I: Therapeutic Drug Monitoring and Optimal Individualized Drug Dosage</b>	
<i>Venue:</i> HSC Computer Center	
<i>Co-ordinator:</i> Dr. Kamal Matar, Faculty of Pharmacy, Kuwait University, Kuwait.	
<i>Instructor:</i> Prof. Roger W. Jelliffe, School of Medicine, University of Southern California, Los Angeles, USA.	
8:00 to 8:15	Registration
8:15 to 8:30	Welcome address by Dr. Kamal Matar, Faculty of Pharmacy, Kuwait University, Kuwait
8:30 to 8:45	Building Block 1- Evaluation of Renal Function in patients
8:45 to 9:15	Building Block 2- Defining the Assay Error Pattern
9:15 to 9:45	Building Block 3- The Best Times for doing TDM
9:45 to 10:15	Coffee
10:15 to 10:45	Introduction to Population Modeling
10:45 to 11:15	More on Population Modeling
11:15 to 11:45	Applications: "Multiple Model" Maximally Precise Dosage Design
11:45 to 12:15	Prayer
12:15 to 12:45	Applications: Four Bayesian Methods for Model Individualization. Outcomes

12:45 to 13:05	Clinical Applications: Aminoglycoside Therapy and TDM	
13:05 to 13:20	Clinical Applications: Vancomycin Therapy and TDM	
13:20 to 13:35	Clinical Applications: Digoxin Therapy and TDM	
14:15 to 15:00	Lunch	
<b>Workshop-II: Prescription interventions for the provision of pharmaceutical care</b>		
<i>Venue:</i> HSC New Building, First Floor, Conference Hall A		
<i>Co-ordinator:</i> Dr. Wandikayi Matowe, Faculty of Pharmacy, Kuwait University, Kuwait.		
13:30 to 14:00	Registration	
14:00 to 14:05	Welcome address by Dr. Ivan Edafiohgo, Faculty of Pharmacy, Kuwait University, Kuwait	
14:05 to 14:35	Impact of Pharmaceutical care interventions on patient outcomes: a review <i>Instructor:</i> Dr. Wandikayi Matowe, Faculty of Pharmacy, Kuwait University, Kuwait	
14:35 to 14:55	Pharmaceutical Care and Pharmacist Interventions: practical aspects <i>Instructor:</i> Dr. A. Awad, Faculty of Pharmacy, Kuwait University, Kuwait	
14:55 to 15:15	Barriers to making interventions <i>Instructor:</i> Dr. P. Capps, Faculty of Pharmacy, Kuwait University, Kuwait	
15:15 to 15:35	Coffee (HSC New Building, Ground Floor, Lounge A)	
15:35 to 15:55	Documenting Interventions <i>Instructor:</i> Ph. Reny Mathew, Faculty of Pharmacy, Kuwait University, Kuwait	
15:55 to 16:05	<i>Dispersal to seminar rooms for small group sessions</i>	
<b>Prescription Review: Scenarios and Exercises</b>		
16:05 to 17:05	<i>Group Leader:</i> Dr. A. Awad	<i>Group Leader:</i> Ph. Reny Matthew
	<i>Venue:</i> Seminar Room 5	<i>Venue:</i> Room No. 2-87

	<i>Group Leader:</i> Dr. P. Capps	<i>Group Leader:</i> Ph. Fatma Al Saleh
	<i>Venue:</i> Seminar Room 7	<i>Venue:</i> Room No. 4-04
	<i>Group Leader:</i> Ph. Sara Bihzad	<i>Group Leader:</i> Dr: Matowe
	<i>Venue:</i> Room No. 2-52	<i>Venue:</i> Room No. 4-72
17:05 to 17:30	Prayer	
17:30 to 18:00	<i>Round-up:</i> Prof. Ross T. Tsuyuki, Department of Medicine, Division of Cardiology, University of Alberta, Canada	
18:00 to 18:30	Prayer	
18:30 to 19:30	Closing Ceremony (HSC New Building, First Floor, Conference Hall A)	