

	A	B	C	D	E	F
1	<b>WEDNESDAY POSTER PRESENTATIONS</b>					
2	<b>Presenter Last</b>	<b>Presenter First</b>	<b>Abstract ID #</b>	<b>Abstract Title</b>	<b>Category</b>	<b>Pres'n Date</b>
3	Al Lawati	Hanan	989	Pharmacokinetics and biodistribution of traceable poly(ethylene oxide)-block-poly(ester) based micellar formulations of diclofenac: the effect of poly(ester) structure	Drug Delivery and Pharmaceutical Technology	WED
4	Al Nebaihi	Hamdah Mohammed	1103	The impact of diet induced obesity on the microsomal glucuronidation of propofol in rats	Pharmacokinetics and Pharmacodynamics	WED
5	Alam	Camille	1009	Upregulation of reduced folate carrier (RFC) by vitamin D enhances folate uptake at the blood-brain barrier (BBB)	Biomedical Sciences	WED
6	Alharbi	Abdulsalam	1079	Development of Novel Polymeric Micellar DACHPT for Enhanced Platinum Based Chemotherapy in Colorectal Cancer	Drug Delivery and Pharmaceutical Technology	WED
7	Alqahtani	Zuhair	936	Aspirin and Other Non-Steroidal Anti-Inflammatory Drugs Interactions: A Systematic Review	Clinical Sciences & Pharmacy Practice	WED
8	Baldwin	Emily	1085	Protein-triggered sustained release of FITC-dextran from microspheres modified with aptamer-containing DNA oligomers	Drug Delivery and Pharmaceutical Technology	WED
9	Bhatti	Masood	1064	The quantitative analysis of Titanium Dioxide in commonly used sunscreen cosmetics by ultraviolet-visible spectroscopy	Pharmaceutical & Analytical Chemistry	WED
10	Callender	Shannon	1045	Microemulsions: A Cure for All Ills?	Drug Delivery and Pharmaceutical Technology	WED
11	Chelle	Pierre	1038	Comparison of population PK and non-compartmental analyses for tailoring PK in hemophilia A with limited sampling	Pharmacokinetics and Pharmacodynamics	WED
12	Cho	Tiffany	1122	Using PD-1 knockout mice to test the potential of green tea extract and (-)-epigallocatechin-3-gallate (EGCG) to cause idiosyncratic drug-induced liver injury	Biomedical Sciences	WED
13	Cuddihy	Grace	939	Cytotoxicity Profiles of Lanthanide Compounds within Human Kidney (HEK-293), Liver (HEPG2), and Osteoblast (HOb) Cells in addition to Murine Pre-osteoclast (RAW 264.7) Cells	Drug Delivery and Pharmaceutical Technology	WED
14	De Jong	Stephanie	1237	Effect of Female Sex Hormones and Their Derivatives on Amyloid Beta Aggregation	Biomedical Sciences	WED
15	Gilabert-Oriol	Roger	1032	Fluorescence de-quenching and albumin-induced fluorescence enhancement assays to measure liposomal drug release of camptothecins and protein kinase inhibitors	Drug Delivery and Pharmaceutical Technology	WED
16	Hamza	Amel	1239	Bisphosphonate Drug Alveola Bone Burden in Osteoporosis	Drug Delivery and Pharmaceutical Technology	WED
17	Karimian Pour	Navaz	1040	Impact of Inflammation on the Expression of Renal Drug Transporters in Pregnancy	Pharmacokinetics and Pharmacodynamics	WED
18	Khalid	Mohamed Nabil	1036	Pilot scale-up and evaluation of starch-based spray dried microcapsules as controlled drug delivery and taste masking device	Drug Delivery and Pharmaceutical Technology	WED
19	Kitselman	Kayla	1005	Alpha-2C Adrenergic Receptor Expression in Rat Caudal Tail Arteries	Biomedical Sciences	WED
20	Lefebvre	Francis	1035	Investigating the Role of the IKK $\beta$ Protein Kinase in Vascular Remodeling Events	Biomedical Sciences	WED
21	Loebenberg	Raimar	960	Preparation and solidification of esculetin nanocrystal: towards an innovative approach for hyperuricemia	Drug Delivery and Pharmaceutical Technology	WED
22	Sarfraz	Muhammad	970	The enhancement of the poor oral bio-availability of cefotaxime sodium using nano-mixed micelles formulation.	Drug Delivery and Pharmaceutical Technology	WED
23	Majcher	Michael	1119	Injectable, Covalently In Situ-Gelling Block Copolymers for the Improved Loading and Prolonged Release of Hydrophilic Drugs	Biomedical Sciences	WED

Poster Presentation Day Assignments

	A	B	C	D	E	F
24	<b>Mann</b>	Kelsey	1083	Nocturnal Hypoglycemia Associated with Bedtime Insulin Mixture Administration in Hospitalized Patients	Clinical Sciences & Pharmacy Practice	<b>WED</b>
25	<b>Mirbagheri</b>	Marziye	981	Wrinkled microparticles as new microcarriers for cell culture applications in vaccine production	Biomedical Sciences	<b>WED</b>
26	<b>Mohammed</b>	Munawar	1027	Development of mycophenolate mofetil (MMF) immunosuppressant as sustained release oral nanoparticles	Drug Delivery and Pharmaceutical Technology	<b>WED</b>
27	<b>Neuman</b>	Manuela	1029	Vascular endothelial growth factor a diagnostic test for POEMS Syndrome	Biomedical Sciences	<b>WED</b>
28	<b>Nguyen</b>	Anne	1206	Modulating Physicochemical Properties of a Small Peptide Drug by Chemical Conjugation	Drug Delivery and Pharmaceutical Technology	<b>WED</b>
29	<b>Omeragic</b>	Amila	1024	Role of Peroxisome Proliferator-activated Receptor-gamma (PPAR-gamma) in regulating inflammatory signalling in acute and chronic rodent models of HIV-1 associated brain inflammation	Biomedical Sciences	<b>WED</b>
30	<b>Orlowski</b>	Tatiana	1043	Determination of the effect of patient posture and fasting state on digital pulse wave features using a novel computational technique, Non Invasive Vascular Risk Prediction System (NIVAR), and potential application for assessment of Raynaud Phenomenon	Drug Delivery and Pharmaceutical Technology	<b>WED</b>
31	<b>Poudel</b>	Asmita	965	Lipid based liposomal formulation of phytosterols and tocopherols into functional food	Pharmaceutical & Analytical Chemistry	<b>WED</b>
32	<b>Rahmouni</b>	Miloud	1234	Application of design of experiments for optimizing critical quality attributes of scored controlled released tablet	Drug Delivery and Pharmaceutical Technology	<b>WED</b>
33	<b>Rong</b>	Yan	988	Effects of Tacrolimus on Mycophenolic Acid Exposure in de novo, Steroid-Free Adult Kidney Transplant Patients	Pharmacokinetics and Pharmacodynamics	<b>WED</b>
34	<b>Said</b>	Somiraa	966	Repetitive On-demand Drug Delivery by External Triggering of Injectable Magnetic Hydrogels Incorporated with Glass Transition (Tg) Switchable Nanoparticles	Drug Delivery and Pharmaceutical Technology	<b>WED</b>
35	<b>Shen</b>	Yen Ting	1072	Quantitative and Qualitative Analysis of a Bioluminescent BRCA Deficient Model of Serous Ovarian Cancer	Biomedical Sciences	<b>WED</b>
36	<b>Shoieb</b>	Sherif	984	S-Enantiomer of 19-Hydroxyeicosatetraenoic Acid Preferentially Protects Against Angiotensin II-Induced Cardiac Hypertrophy	Biomedical Sciences	<b>WED</b>
37	<b>Shortall</b>	Samantha	1124	Striking a Balance: Interactions of Pluronic and Gemini Surfactants for Gene Therapy Nanoparticles	Drug Delivery and Pharmaceutical Technology	<b>WED</b>
38	<b>Siu</b>	Wendy	1010	Examining the Cholesterol Synthetic Pathway in the Search for New Druggable Targets for Glioblastoma	Biomedical Sciences	<b>WED</b>
39	<b>Soleymani Abyaneh</b>	Hoda	967	Dynamic PEGylation Reduces the Viscosity of Concentrated Protein Solutions	Drug Delivery and Pharmaceutical Technology	<b>WED</b>
40	<b>Tabatabaei Dakhili</b>	Seyed Amirhossein	1120	Effect of Synthesis Conditions on the Properties of Bone-Targeting Bisphosphonate- Conjugated Superparamagnetic Iron Oxide Nanoparticles (BP-SPIOs)	Drug Delivery and Pharmaceutical Technology	<b>WED</b>
41	<b>Tabatabaei Dakhili</b>	Seyed Amirhossein	1102	FOXO1 inhibitors: A structural activity relationship study	Pharmaceutical & Analytical Chemistry	<b>WED</b>
42	<b>Tanha</b>	Shima	976	In vivo wound healing Effect of G-CSF loaded nanofiber/nanoparticle composite	Drug Delivery and Pharmaceutical Technology	<b>WED</b>
43	<b>Thompson</b>	Michael	962	Core-Shell Spray Dried Dry Powder Vaccines for Controlled Enteric Delivery	Drug Delivery and Pharmaceutical Technology	<b>WED</b>
44	<b>Thomson</b>	Jonathon	1059	Needs Assessment and Online Program for Physiotherapists in Alberta Regarding Physical Function and Drugs	Clinical Sciences & Pharmacy Practice	<b>WED</b>

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45	Traore	Yannick	979	Segmented Intravaginal Ring for dual delivery of siRNA-encapsulated Nanoparticles and Hydroxychloroquine as a prevention strategy for HIV infection	Drug Delivery and Pharmaceutical Technology	WED
46	Vassileva	Vessela	1128	Combining statins with radioimmunotherapy as a novel therapeutic strategy for colorectal cancer	Biomedical Sciences	WED
47	Ward	Rachel	1002	Potential neuroprotective effects of wild blueberries: a pilot study	Biomedical Sciences	WED
48	Wasan	Kishor	973	A mucoadhesive lipidic delivery system of the adjuvant innate defense regulator (IDR)-1002	Drug Delivery and Pharmaceutical Technology	WED
49	Yeung	Pollen	972	Assessing cardiovascular toxicity of doxorubicin and isoproterenol by hemodynamics and in vivo catabolism of adenosine 5'-triphosphate	Pharmacokinetics and Pharmacodynamics	WED
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51	<b>THURSDAY POSTER PRESENTATIONS</b>					
52	<b>Presenter Last</b>	<b>Presenter First</b>	<b>Abstract ID #</b>	<b>Abstract Title</b>	<b>Category</b>	<b>Pres'n Date</b>
53	Adibnia	Vahid	1053	Macro- and micro-fabrication of chitosan hydrogels with anisotropic pores for biomedical applications	Biomedical Sciences	THURS
54	Al Maayah	Zaid	1004	DOX-Vit D, a novel doxorubicin derivative, inhibits human osteosarcoma cell proliferation by inducing apoptosis while inhibiting Akt and mTOR signaling pathways	Biomedical Sciences	THURS
55	Alammari	Ahmad	985	Fluconazole Protects Against Angiotensin II-induced Cellular Hypertrophy through Inhibiting Cytochrome P450 1B1 and its Associated Arachidonic Acid Metabolites in the Heart	Biomedical Sciences	THURS
56	Alrushaid	Samaa	937	In silico, in vitro and in vivo Pharmaceutical Investigations of a Novel Skeletal Muscle Regenerator	Pharmacokinetics and Pharmacodynamics	THURS
57	Alshikhey	Areej	1238	Microemulsion-based System for Transdermal Drug Delivery of Methimazole in Cats	Drug Delivery and Pharmaceutical Technology	THURS
58	Amaral Silva	Daniela	934	Are Excipients Inert? Phenytoin: A follow-up half a century later with new incompatibility insights	Drug Delivery and Pharmaceutical Technology	THURS
59	Chang	Hao Han	1121	Optimization of a New pH-Responsive Pore Former for Controlled Release Coating	Drug Delivery and Pharmaceutical Technology	THURS
60	Cohn	Iris	1236	Implementing Pharmacogenomics Testing in Paediatric Care	Clinical Sciences & Pharmacy Practice	THURS
61	De Silva	Franklyn	1003	Molecular Mechanisms of Mammalian Lignan Enterolactone in Modulating Cellular Lipid Homeostasis	Biomedical Sciences	THURS
62	Di	Yunyun	929	Scavenger Receptor Class B Type I (SR-BI) mediates the cellular uptake of Vyxeos <sup>TM</sup> into K562 leukaemia cells	Biomedical Sciences	THURS
63	Dojo Soeandy	Chesarahmia	1084	Apoptotic vs. necroptotic cell death analysis in an endothelin-1 model of cerebral ischemia	Biomedical Sciences	THURS
64	Dunne	Michael	1068	Heat-activated release and thermal enhancement of synergistic chemotherapies	Drug Delivery and Pharmaceutical Technology	THURS
65	Dunne	Michael	1067	Hyperthermia-mediated drug delivery increases cisplatin sensitivity and accumulation resulting in improved efficacy in triple negative breast cancer	Drug Delivery and Pharmaceutical Technology	THURS
66	Feng	Tianhua	986	Modeling the dynamic gating mechanism and small-molecule binding in the CaV1.2 channel	Biomedical Sciences	THURS
67	Greschner	Andrea A.	982	Precise orientation of thermally-sensitive biomolecules using DNA nanostructures: An exploration of non-thermal techniques for controlling DNA nanoassemblies	Drug Delivery and Pharmaceutical Technology	THURS
68	Han	Yi Rang	1013	Use of Confocal Fluorescence Imaging Techniques to Understand Phase Separation Behaviour during Dissolution of Amorphous Solid Dispersions	Pharmaceutical & Analytical Chemistry	THURS

Poster Presentation Day Assignments

	A	B	C	D	E	F
69	Hoang	Monica	983	Effects of diet-induced diabetes on $\beta$ -cell specific aryl hydrocarbon receptor nuclear translocator/hypoxia-inducible factor-1 $\beta$ (ARNT/HIF-1 $\beta$ ) knockout mice	Biomedical Sciences	THURS
70	Houdaihed	Loujin	997	Delivery of Paclitaxel and Everolimus in Dual-Targeted Polymeric Nanoparticles to Breast Cancer Cells	Drug Delivery and Pharmaceutical Technology	THURS
71	Huang	Jiahao	1001	Investigating the Correlation between Miscibility and Physical Stability of Solid Phospholipid Dispersions Using Fluorescence-Based Techniques	Pharmaceutical & Analytical Chemistry	THURS
72	Kelly	Erin	1048	Effect of polyphenols on markers of neurodegenerative disease	Biomedical Sciences	THURS
73	Khan	Salman	1106	Identification and Evaluation of the Prevalence of the Practice of Drugs and Opioids Abuse in Community Pharmacy	Clinical Sciences & Pharmacy Practice	THURS
74	Kojovic	Dea	1086	Role of elevated sFLT-1 on the regulation of placental transporters in women with pre-eclampsia.	Pharmacokinetics and Pharmacodynamics	THURS
75	Lamont	Matthew	1174	Binge Drinking During Adolescence Causes Persistent Behavioral Impairments and Elevated Pro-Inflammatory Proteins in a Rodent Model	Biomedical Sciences	THURS
76	Leclair	Marie-Eve	992	Biomimetic vector (BMVTM): an innovative skin delivery system	Drug Delivery and Pharmaceutical Technology	THURS
77	Lip	Ho Yin	1081	Modulation of the tumor microenvironment with manganese dioxide nanoparticles to re-educate macrophages and enhance doxorubicin efficacy	Clinical Sciences & Pharmacy Practice	THURS
78	Liu	Yuejian	1049	Correlating protein expression of human hepatic uridine diphosphate glucuronosyltransferases (UGTs): implications for UGT protein co-regulation.	Pharmacokinetics and Pharmacodynamics	THURS
79	Sarfraz	Muhammad	969	Nano-sized Droplets of Self-emulsifying System for Enhancing Oral Bio-availability of Etoposide in Rats	Drug Delivery and Pharmaceutical Technology	THURS
80	Magomedova	Lilia	1241	Arginine and Glutamate Rich 1 Knockdown is Protective Against High-fat Diet Induced Obesity and Metabolic Dysfunction	Biomedical Sciences	THURS
81	Malik	Paul	1028	A physiologically-based approach to the pharmacokinetics of anti-TNF agents in pediatrics	Pharmacokinetics and Pharmacodynamics	THURS
82	Meziadi	Ahlem	971	Microwave Enhanced Protein Folding	Drug Delivery and Pharmaceutical Technology	THURS
83	Neuman	Manuela	1031	Phytotherapy-induced hepatocytotoxicity	Clinical Sciences & Pharmacy Practice	THURS
84	Orlowski	Tatiana	1033	Investigation into the factors associated with anesthetic failure of hyperbaric bupivacaine, including the potential role of cold exposure on bupivacaine degradation	Pharmaceutical & Analytical Chemistry	THURS
85	Parmar	Manoj	968	Additive polyplexes as a non-viral delivery system for combinational siRNA therapy against CDC20 and survivin in breast cancer and non-malignant cells	Drug Delivery and Pharmaceutical Technology	THURS
86	Pawar	Grishma	963	Transnasal Mucosal Delivery of Brain-Derived Neurotrophic Factor Antagonists in Rat Brain using Cationic Liposomal Formulation	Drug Delivery and Pharmaceutical Technology	THURS
87	Rachid	Ousama	1113	Stimuli-sensitive Theranostic Nanoparticles for Targeted Imaging-Guided Drug Delivery	Drug Delivery and Pharmaceutical Technology	THURS
88	Rai	Raj	964	Engineering functionalized diamond nanoparticles for drug/gene delivery: biodistribution studies	Drug Delivery and Pharmaceutical Technology	THURS
89	Sachdeva	Robin	1030	Loss of cation channels of the TRPC family protects against the development of retinopathy in the STZ model and accumulation of reactive metabolites.	Biomedical Sciences	THURS
90	Saikali	Michael	1077	Developing an assay to quantify nuclear receptors by mass spectrometry	Pharmaceutical & Analytical Chemistry	THURS
91	Siyam	Tasneem	975	Developing and evaluating a patient decision aid for managing surgical menopause: The story behind the "SheEmpowers" patient decision aid (PDA)	Clinical Sciences & Pharmacy Practice	THURS

Poster Presentation Day Assignments

	A	B	C	D	E	F
92	<b>Smith</b>	Alexander	1051	In silico homology modeling of human UDP-glucuronosyltransferase 1A6 (UGT1A6) reveals new insights into structural folding and binding of substrate and co-substrate	Pharmacokinetics and Pharmacodynamics	<b>THURS</b>
93	<b>Tam</b>	Vivienne	1008	Photocleavable Hydrogel-Coated Upconverting Nanoparticles for On-Demand Drug Delivery of Ultra-small Gold-Doxorubicin Conjugates	Drug Delivery and Pharmaceutical Technology	<b>THURS</b>
94	<b>Tanha</b>	Shima	977	Phenylbutyrate loaded solid lipid nanoparticles could improve cognition in Alzheimer's disease induced animal model	Drug Delivery and Pharmaceutical Technology	<b>THURS</b>
95	<b>Teal</b>	Carter	1240	Affinity Based Release of Protein Therapeutics to Treat Retinitis Pigmentosa	Drug Delivery and Pharmaceutical Technology	<b>THURS</b>
96	<b>Wang</b>	Lucy	1082	Liposomal Delivery of a Doxorubicin and Niraparib combination for the treatment of High Grade Serous Ovarian Cancer	Drug Delivery and Pharmaceutical Technology	<b>THURS</b>
97	<b>Wondie</b>	Gebremariam Birhar	957	Dexamethasone Loaded Multi-Layer Poly-L-Lactic Acid/Pluronic P123 Composite Electrospun Nanofiber Scaffolds for Bone Tissue Engineering and Drug Delivery	Drug Delivery and Pharmaceutical Technology	<b>THURS</b>
98	<b>Yadav</b>	Jayprakash	933	From Design to Deformation: Molecular Aspects and Implication of Structural Integrity in Binary Drug-Drug Eutectic Systems	Drug Delivery and Pharmaceutical Technology	<b>THURS</b>