

From Base to Summit: Pharmacology at its Peak

Preliminary Conference Agenda

Wednesday, June 12, 2019					
07:00 to 15:30	Registration Desk Open				
07:30 to 08:30	Breakfast				
08:30 to 17:30	Posters and Exhibits Open				
08:30 to 08:40	Conference Welcome Address				
08:40 to 10:00	<p>The Ontogeny of Drug Metabolism and Pharmacokinetics: Basic Mechanisms and Clinical Implications</p> <p><u>Moderator:</u> Dr. Abby Collier (UBC)</p> <ul style="list-style-type: none"> • <i>Saskia N de Wildt (Radboud University)</i> – Safe and Effective Drug Use in Children • <i>Lauren Aleksunes (Rutgers University)</i> – Developmental regulation of transporters 				
10:00 to 10:30	Break, Poster Viewing, Exhibits				
10:30 to 12:00	<p>The Ontogeny of Drug Metabolism and Pharmacokinetics: Basic Mechanisms and Clinical Implications</p> <table border="1"> <thead> <tr> <th>BASIC TRACK</th> <th>CLINICAL TRACK</th> </tr> </thead> <tbody> <tr> <td> <p><u>Moderator:</u> Abby Collier (UBC)</p> <p><u>Presentations:</u></p> <ul style="list-style-type: none"> • <i>Ryan Takahashi (Genentech)</i> - <i>in vitro</i> approaches to pediatric DM assessment and prediction • <i>Micheline Piquette-Miller (University of Toronto)</i> - Developmental pharmacology: pregnancy and the placenta • <i>Abby Collier (UBC)</i> - interspecies models for DM/PK in pregnancy and paediatrics </td> <td> <p><u>Moderator:</u> Thomas Velonosi (NIH)</p> <p><u>Presentations:</u></p> <ul style="list-style-type: none"> • <i>Michael Rieder (UWO)</i> - Transporters and clinical outcomes in children • <i>Colin Ross (UBC)</i> - Paediatric adverse reactions in oncology • <i>David Johnson (UCalgary)</i> - Pediatric toxicology: overdose in toddlers and children </td> </tr> </tbody> </table>	BASIC TRACK	CLINICAL TRACK	<p><u>Moderator:</u> Abby Collier (UBC)</p> <p><u>Presentations:</u></p> <ul style="list-style-type: none"> • <i>Ryan Takahashi (Genentech)</i> - <i>in vitro</i> approaches to pediatric DM assessment and prediction • <i>Micheline Piquette-Miller (University of Toronto)</i> - Developmental pharmacology: pregnancy and the placenta • <i>Abby Collier (UBC)</i> - interspecies models for DM/PK in pregnancy and paediatrics 	<p><u>Moderator:</u> Thomas Velonosi (NIH)</p> <p><u>Presentations:</u></p> <ul style="list-style-type: none"> • <i>Michael Rieder (UWO)</i> - Transporters and clinical outcomes in children • <i>Colin Ross (UBC)</i> - Paediatric adverse reactions in oncology • <i>David Johnson (UCalgary)</i> - Pediatric toxicology: overdose in toddlers and children
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12:00 to 13:00	Lunch, Poster Viewing, Exhibits				
13:00-13:30	Award Presentation				
13:30 to 15:00	<p>Pain and Inflammation: Basic Mechanisms and Clinical Management</p> <p><u>Moderator:</u> Tuan Trang (UCalgary)</p> <ul style="list-style-type: none"> • <i>Isaac Chiu (Harvard University)</i>- Neuro-immune interactions in host defense and inflammation • <i>Luda Diatchenko (McGill University)</i> – Genetic pathways that mediate pain states 				

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15:00 to 15:30	Break, Poster Viewing, Exhibits	
15:30 to 17:00	Pain and Inflammation	
	<p>BASIC TRACK</p> <p><u>Moderator:</u> Tuan Trang (UCalgary)</p> <p><u>Presentations:</u></p> <ul style="list-style-type: none"> • <i>Gerald Zamponi (UCalgary)</i>- A brain circuit for neuropathic pain • <i>Anna Taylor (U of A)</i> - Gut microbiome and neuro-immune interactions in pain and analgesia • <i>Mike Hildebrand (Carleton University)</i> - Determinants of spinal cord hyperexcitability: from rodent to human models of chronic pain 	<p>CLINICAL TRACK</p> <p><u>Moderator:</u>-A. Cribb or T. Pollak (tentative)</p> <p><u>Presentations:</u></p> <ul style="list-style-type: none"> • <i>Mark Swain (UCalgary)</i> - Clinical implications of brain-liver inflammation cross-talk • <i>E.T. Morgan (Emory University)</i>- Clinical relevance of drug metabolism-inflammation interactions • <i>Adrienne Lindblad (University of Alberta; ACFP)</i> - Evidence-based use of cannabinoids
18:00 to 19:30	<p>Welcome Reception</p> <p>Senate Room, Hotel Alma</p>	

Thursday, June 13, 2019

07:00 to 15:30	Registration Desk Open	
07:30 to 08:20	Breakfast	
08:20 to 08:30	Opening Remarks	
08:30 to 17:30	Posters and Exhibits Open	
08:30 to 10:00	<p>Clinical Toxicology I</p> <p><u>Moderator:</u> Cindy Woodland (University of Toronto)</p> <p>These sessions will cover important clinical toxicology of psychoactive drugs and have open times to discuss the important issues</p> <ul style="list-style-type: none"> • Misused substances – news from the streets • Toxicology of psychoactive drugs • Discussion on managing impact 	<p>Ion Channel Pharmacology</p> <p><u>Moderator:</u> Don Miller (University of Manitoba)</p> <p><u>Presentations:</u></p> <ul style="list-style-type: none"> • <i>Michael Jackson (Manitoba)</i> – Calcium channels in neurodegenerative disease • <i>Harley Kurata (Alberta)</i> – Potassium channels in epilepsy • <i>Christophe Altier (UCalgary)</i> – Transient receptor potential channels in peripheral sensitization
10:00 to 10:30	Break, Poster Viewing, Exhibits	

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10:30 to 12:00	<p>Clinical Toxicology II</p> <p><u>Moderator:</u> George Dresser (University of Western Ontario)</p> <ul style="list-style-type: none"> • Inhaled Cannabis Toxicities • Concerns about Cannabis Edibles • Cannabis Toxicities Discussion • Clinical Cases • Discussion and Next Steps
12:00 to 13:00	Lunch, Poster Viewing, Exhibits
13:00 to 14:00	Poster Judging
14:00 to 16:00	<p>PDF and Clinical Residency Award Presentations</p> <p>Trainee 10-minute Oral Platform Presentations</p> <p>The top-10 rated trainee abstracts will be selected to deliver 10-minute oral presentations.</p>
17:00 to 22:30	<p>CSPT Annual Dinner in Kananaskis</p> <p>Bus leaves at 5:00 pm</p> <p>Dinner at 7:00 pm</p> <p>Bus returns at 9:00 pm</p>

Friday, June 14, 2019

08:00 to 09:00	<p>CSPT Annual General Meeting and Breakfast</p> <p>Award Presentations</p>
09:00 to 9:45	<p>Diabetes and Vascular Disease: Targeting the endothelium</p> <p><u>Moderators:</u> Christopher Triggie / Morley Hollenberg</p> <ul style="list-style-type: none"> • <i>Christopher Triggie (U Qatar) – Myoendothelial communication</i> • <i>Todd Anderson (U Calgary) – Endothelial dysfunction and vascular disease: Where are we in the clinic?</i>
9:45 to 10:00	Morning Break
10:00 to 11:30	<p>Diabetes and Vascular Disease: Targeting the endothelium</p> <ul style="list-style-type: none"> • <i>Frances Plane (U Alberta) – Diabetes and endothelium: Targeting potassium channels and ROS production</i> • <i>Rithwik Ramachandran (Western) –Proteinases, signal transduction and vascular disease</i>

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	<ul style="list-style-type: none">• <i>Vivek Krishna Pulakazhi Venu (U Calgary) – Inhibiting SGLT2 corrects hyperglycemia-induced endothelial dysfunction</i>
11:30 to 12:15	Award Presentation Trainee Awards
12:15	Closing Remarks