



Pharmacy Research Day

2022

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| 9:00 am | Welcome & Introduction (PHR 1004) | |
| 9:15 am | Pharmacy Practice (PHR 1008) <i>Peak Performance: Putting Type 1 Diabetes Management Recommendations on Athletes to the Test</i> by Bradley Grighmore | Pharmacokinetics (PHR 1004) <i>Human CRIP1a Binding Interactions with the Human CB1 Receptor</i> by Maya Petgrave |
| 9:45 am | <i>Management of Benign Prostate Hyperplasia by Combinatorial Approach Using Alpha-1-adrenergic Antagonists and 5-alpha-reductase Inhibitors</i> by Osama Zitoun | <i>Determining the Effects of Chronic Kidney Disease on OAT1/3 Transporter Activity Through Physiologically-Based Pharmacokinetic Modeling</i> by Samuel Dubinsky |
| 10:15 am | <i>The Role of Pharmacy Technicians in Vaccination Services: A Scoping Review</i> by Mathew DeMarco | |
| 10:45 am | Lunch & Coffee Break (PHR Lobby) | |
| | Faculty Mentorship—11:00 am Dr. Andrea Edginton (PHR 1004) Dr. J.M. Gamble (PHR 1008) | |
| 11:15 am | Poster Presentations (PHR Lobby) | |
| | <i>3D Printed Intra-Vaginal Rings by Fused Filament Fabrication Technology for the Delivery of Nanomedicine as a Strategy to prevent HIV Infection</i> By Nehil R Gopalakrishnan | |
| | <i>Machine Learning-facilitated Optimization of Nano-drug Formulations</i> By Sihan Dong | |
| | <i>Early Economic Evaluation of Gene Therapy for Hemophilia Patients</i> By Sam Hirniak | |
| | <i>Regulatory Body Disciplinary Action: What do Pharmacists, Dentists, & Nurse Practitioners Get in Trouble for?</i> By Ai-Leng Foong | |
| | <i>In vitro Determined Enzyme Contributions to Cannabidiol Clearance Demonstrate Utility in Adult and Pediatric Exposure Predictions</i> By Cindy Hoi Ting Yeung | |
| 12:15 pm | Miscellaneous (PHR 1008) <i>The Impact of New DAA Therapy on the Prevalence & Undiagnosed Proportion of Chronic Hepatitis C Infection in Ontario: A Model-Based Analysis</i> by Farinaz Forouzannia | Pharmaceutical Sciences (PHR 1004) <i>Design of a DNA-Encoded Human Papilloma Virus-Like Particle Displaying VGB4 for Characterization in Mammalian Cells</i> by Debbie Pushparajah |
| 12:45 pm | <i>Understanding Practice Readiness in Waterloo PharmD Students & New Graduates</i> By Ali Syed | <i>Investigating Novel Small Molecules as Potential Agents to Treat SARS-CoV-2 Infections</i> by Lilian Toma |
| 1:15 pm | Concluding Remarks (PHR 1004) | |