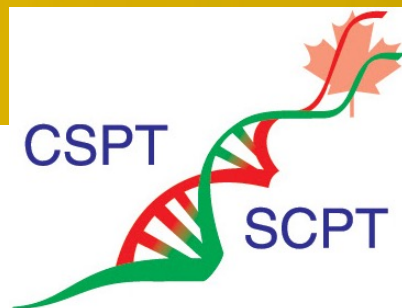


Fall Newsletter

Submitted by Kerry Goralski, Antonios Diab, Jill Rourke

Annual Meeting 2023

ONLINE



The 2023 Annual Meeting of Canadian Society of Pharmacology and Therapeutics (CSPT) was held on June 7th and 8th (PharmacologyCanada.org/2023) virtually over Zoom. The virtual meeting provided an opportunity for our trainees to present their work, engage with the membership, and get feedback; for the CSPT to recognize our 2022 CSPT Research Award winners; and to hold our Annual General Meeting. The meeting was well attended given that our 2022 meeting was held in September 2022 and many members were planning to attend the ASPET 2023 and WCP 2023 conferences. There were 72 registrants including 44 trainees and 28 regular members. Forty-three abstracts were accepted for presentation and publication in an upcoming issue of the Canadian Journal of Physiology and Pharmacology. Thanks to the generous support from ASPET, we were able to provide free registration for trainees with accepted abstracts. We were also thrilled to have Carol Beck (incoming ASPET President Elect) represent ASPET at our annual Chapter meeting.

Professional Development

On June 6th, we held a pre-meeting workshop, The CJPP Author Guide: How to successfully improve your chances of getting published. The workshop was put on by Josephine Sciortino, Editorial Director, Canadian Science Publishing, and Tracy Fegan, Journal Development Specialist, Canadian Journal of Physiology and Pharmacology. The workshop focused on how to prepare scientific papers for publication. Additionally, pre-recorded poster presentations (max 5-minutes each) were made available to all registrants via our meeting website.

Trainee Research Showcase

On June 7th, the meeting was launched with a welcome address from the CSPT President, Bruce Carleton followed by our Top 10 Trainee Abstract Oral Presentations. The session was moderated by Tamorah Lewis, Division Head for Clinical Pharmacology and Toxicology, SickKids Hospital. Rapid-Fire Presentations moderated by Antonios Diab, Postdoctoral Fellow, CSPT & Dalhousie University. The Rapid-Fire presentation session gave poster presenters an opportunity to present their posters live (3-minute presentations + questions).

Trainee

CSPT
SCPT



Awards

We are proud to announce the TRAINEE award recipients

Poster

Presentation Awards

Nicole Sidor (Western University) is the recipient of the 2023 Rhoderic Reiffenstein Trainee Presentation Award for the presentation, "Characterization of N,N,N-Trimethyl-L-Alanyl-L-Proline betaine (TMAP) as a Candidate Biomarker of Kidney Function."

CSPT-ASPET travel award to ASPET 2024, Arlington, VA.

Asna Latif (University of Alberta) is the recipient of the 2023 Peter Dresel Trainee Presentation Award for the presentation, "Variation of the TLR4 locus influences susceptibility to cisplatin-induced hearing loss in cancer patients."

CAREER NETWORKING PANEL

Our 2023 career networking panel featured:
Carol Beck, Associate Professor & Associate Dean, Thomas Jefferson University
Incoming President-Elect of ASPET
Hayley Price, Senior Scientist Bioanalysis, Meadowhawk Biolabs
Meagan McKenna, Senior Research Manager, Agada Biosciences
Mike Knauer, Clinical Biochemist, London Health Sciences Centre.

Platform

Presentation Awards

Spencer James Anderson (University of British Columbia) is the recipient of the 2023 Ken Piasfsky Trainee Presentation Award for the presentation, "Polygenic Risk Score associated with increased risk of L-asparaginase induced hypersensitivity."

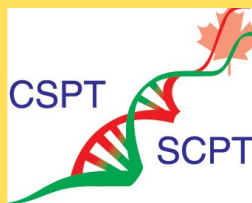
CSPT-ASPET travel award to ASPET 2024, Arlington, VA.

Karly E. Masse (Western University) is the recipient of the 2023 William Mahon Trainee Presentation Award for the presentation, "Activation of free fatty acid receptor 3 (FFA3) stimulates glucagon-like peptide-1 (GLP-1) release from enteroendocrine L-cells by non-canonical signaling mechanisms"

PRACTICAL PHARMACOLOGY

On June 8th, 2023, Angela Wu, Dr. Kathy Chang, Dr. Katrina Assen, and Dr. Bianca Rosa Del Pozzo-Magana presented clinical pharmacology case studies on various adverse drug reactions.

CSPT



Awards

Recognizing Excellence

Junior Investigator Award

Amit Bhavsar, University of Alberta



“PRRopelling insights into cisplatin-induced toxicity towards mitigation”

Senior Investigator Award

Bruno Giros, McGill University



“Deciphering the role of D1/D2 dopamine receptors co-expressing striatal neurons in motor control using intersectional genetics”

Postdoctoral Fellowship Award

Wasundara Fernando, Dalhousie University



Bioavailability, metabolism, and pharmacokinetics of a flavonoid derivative in mice”

Clinical Fellowship Award

David Maj, Western University

“The Cutting Edge: anti-prostate cancer drug interactions”



2024 CSPT Annual Scientific Meeting

Ottawa, Ontario

We thank everyone who participated in the 2023 virtual meeting and look forward to seeing you in person in Ottawa in 2024.

June 16th-19th, 2024

Publication



Awards



Annual Publication Award Recipient

Jonathan Zipursky, MD PhD FRCPC,
Sunnybrook Health Sciences & Temerty Faculty of Medicine,
University of Toronto & ICES & Sunnybrook Research Institute.

"Maternal opioid treatment after delivery and risk of adverse infant outcomes: population based cohort study"
<https://doi.org/10.1136/bmj-2022-074005>



Canadian Publication Award Recipient

Brendan McKeown, MSc. Dept of Pharmacology
Faculty of Medicine, Dalhousie University

"Pilot study of jadomycin B pharmacokinetics and anti-tumoral effects in zebrafish larvae and mouse breast cancer xenograft models"
<https://doi.org/10.1139/cjpp-2022-0152>

The meeting concluded with the Annual General Meeting, where we acknowledged our CSPT Research, Publication, and Trainee Presentation Award winners; ratified our 2023/2024 Board of Directors; had updates from our nine committee chairs; and presented the annual financial report. We thanked the outgoing Past-President, Dr. Kerry Goralski, for his six-years of service and contributions to the CSPT as President-Elect, President, and Past-President.

KAHOOTS TRIVIA

The 2023 Annual Meeting concluded with a Kahoots Trivia Social hosted by Dr. Michael Rieder, Chair, CSPT History Committee.

CSPT is a proud chapter of:



PUBLICATIONS

CJPP Editor's Choice – April to July

Anti-cancer potential of cannabis terpenes in a Taxol-resistant model of breast cancer

Andrea M. Tomko, Erin G. Whynot, Lauren F. O'Leary, and Denis J. Dupré
Department of Pharmacology, Dalhousie University, Halifax, NS, B3H 4R2, Canada
vol 100, issue 8: <https://doi.org/10.1139/cjpp-2021-0792>

Effect of high-intensity interval training and high-intensity resistance training on irisin and fibroblast growth factor 21 in men with overweight and obesity

Amir Hossein Haghighi,^a Morteza Hajinia,^a Roya Askari,^a Sadegh Abbasian,^b and Gary Goldfied^c

^aDepartment of Exercise Physiology, Faculty of Sport Sciences, Hakim Sabzevari University, Sabzevar, Iran

^bDepartment of Sport Sciences, Khavaran Institute of Higher Education, Mashhad, Iran

^cHealthy Active Living & Obesity Research Group, Children's Hospital of Eastern Ontario Research Institute, Ottawa, ON, Canada

Volume 100, issue 9: <https://doi.org/10.1139/cjpp-2021-0712>

Chronic cannabis use is associated with altered monocyte phenotype, immune response, and depression in physically active individuals

Jonathon K. Lisanoa, Jacob Kisioleka, Victoria Flores, Peter Smoaka, Nicholas A. Pullen^b, and Laura K. Stewart^a

^aDepartment of Kinesiology, Nutrition, and Dietetics, University of Northern Colorado, Greeley, CO, USA

^bSchool of Biological Sciences, University of Northern Colorado, Greeley, CO, USA
vol 101, issue 6: <https://doi.org/10.1139/cjpp-2022-0451>