The Canadian Association for Population Therapeutics/
Association Canadienne pour la Thérapeutiques des Populations
Presents:

Patient Engagement and Outcomes:
Taking it to the Next Level

PROGRAM

October 23rd – 24th, 2017
MaRS Discovery District
101 College Street
Toronto, Ontario
CAPT-ACTP MISSION & VISION

The CAPT-ACTP Mission is to advance population-based research of therapeutic interventions to improve the health outcomes of Canadians by:

- Bringing together diverse perspectives
- Facilitating open exchange of ideas and collaboration, and
- Influencing policy and practice

The CAPT-ACTP Vision is to become the recognized Canadian leader for linking population-based therapeutic research, policy and practice to optimize health outcomes.

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CAPT-ACTP 2017: Patient Engagement and Outcomes: Taking it to the Next Level

Message from the President

Welcome and bienvenue to the 2017 Canadian Association for Population Therapeutics (CAPT)-Association Canadienne pour la Thérapeutique des Populations (ACTP) annual conference! CAPT-ACTP continues its mission of advancing population-based research of therapeutic interventions to improve the health outcomes of Canadians as evident by this year’s conference theme “Patient Engagement and Outcomes: Taking it to the Next Level.” Many of us have been patients ourselves or have had loved ones become patients who maneuvered through a complex healthcare system, learn about patient outcomes, and ultimately become engaged in their own health and want to improve access, quality and sustainability of Canada’s own healthcare. The CAPT-ACTP Scientific Program Committee have ensured that the patient voice is heard on sessions such as the alignment of HTA and regulatory processes, harnessing the power of health data, the impact of patient input in HTA in oncology, a critical review of patient engagement in HTA, patient oriented research, patient-centricity to diabetes medication access, and our closing session that will incorporate perspectives from Ontario’s Patient Ombudsman.

For new and returning CAPT-ACTP members, we are excited to offer you the opportunity to participate in two stimulating workshops: precision health innovations and updates to novel methods to control for unmeasured confounding. Also, there have been two well-attended webinars earlier this year, thanks to the hard work of our CAPT-ACTP student representative. We hope all our student members are able to participate in Monday’s lunch networking event and student social.

The success of CAPT-ACTP’s Partnership Committee allows new and returning partners to interact with our members from academia, government, industry, patient groups and private payers, resulting in an important exchange of interesting and thought-provoking ideas. Our Monday evening poster presentation session showcases the research accomplishments of CAPT-ACTP members and we look forward to seeing everyone there. On Tuesday, there will be a “sneak peek” presentation of the new CAPT-ACTP website at the Annual General Meeting.

On behalf of the CAPT-ACTP board and members, I would like to thank all our speakers for their contribution in making this year’s conference a success. Please take the time to complete our daily surveys so that we can find out what you like and how we can do better. Consider becoming more actively involved by joining the board, and always stay connected (follow us on Twitter @CAPT_ACTP). Live, learn, lead.

Soo Jin Seung
CAPT-ACTP President
CAPT-ACTP 2017: Conference Overview

Consistent with CAPT-ACPT’s Mission, the Scientific Program Committee (SPC) has put together a two-day program that brings together a diverse array of speakers from across the country, including patients, payers, policy-makers, industry representatives, academics and even Ontario’s Patient Ombudsman. This year’s conference features the usual CAPT-ACTP issues of therapeutics related policy and population-based research, specifically through the lens of patient-centricity and patient outcomes. Given this patient focus, the SPC was expanded to include not only CAPT-ACPT Board Members, but also a passionate and experienced patient advocate, Maureen Smith of the Canadian Organization for Rare Diseases (CORD). Maureen’s guidance and input identified appropriate topics and speakers, as well as guidance on relevant patient perspectives. The rest of the SPC members used her valuable input in the co-ordination of each session to ensure the conference achieves its objective of focusing on patient centricity.

CAPT-ACTP is excited to have entered into an important partnership with the Institute for Health Economics (IHE) in order to provide a pre-conference workshop on Precision Health to all registered CAPT-ACTP members. In addition, speakers from CAN-AIM and CNODES will be conducting a methodological workshop on the last day of the CAPT-ACTP conference. Thank you to all the organizers and speakers involved with these two workshops.

It has been my privilege to work with the SPC to bring this conference together, and we all look forward to participating with all of CAPT-ACTP’s new and returning members in thoughtful, meaningful, and diverse conversations on all the session topics.

Kimberly Robinson
CAPT-ACTP Scientific Program Committee Chair
### Sunday, October 22, 2017

**Pre-Conference Activities**

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<th>Time</th>
<th>Activity</th>
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<tr>
<td>12:00 – 13:00</td>
<td><strong>Registration</strong>&lt;br&gt;Location: Rossetti Room, Third Floor, Chelsea Hotel</td>
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<td>13:00 – 17:00</td>
<td><strong>CAPT-ACTP/Institute of Health Economics (IHE) Precision Health Workshop</strong>&lt;br&gt;(Sponsor: Merck Canada Inc. and Hoffman-La Roche)&lt;br&gt;Open to all CAPT-ACTP conference attendees (no additional fee)&lt;br&gt;Location: Rossetti Room, Third Floor, Chelsea Hotel&lt;br&gt;Facilitators: Dan Palfrey, IHE&lt;br&gt;Judith Glennie, J. L. Glennie Consulting Inc.&lt;br&gt;Speakers: Katherine Bonter, McGill University/Clementia Pharmaceuticals&lt;br&gt;Kelly Robinson, Health Canada&lt;br&gt;Jennifer Pillay, University of Alberta&lt;br&gt;Panelists: Louise Binder, Health Policy Consultant&lt;br&gt;Judy McPhee, formerly Nova Scotia Pharmacare&lt;br&gt;Jim Slater, Government of Manitoba</td>
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**Overview:** Precision health has the potential to provide a wide range of solutions such as enhanced R&D efficiency, earlier diagnosis and time to treatment, guided patient and physician treatment decisions and improved patient outcomes. The Canadian healthcare system cannot capitalize on these benefits unless the policies and systems evolve to keep pace with the rapid rate of change in science and technology. The workshop will evaluate what gaps currently exist in the Canadian framework and how this is impacting patients. The workshop also aims to profile international case studies and how other jurisdictions are embracing data and technology changes to move to a more individualized treatment approach.

**Objectives:**

i. To review the concept of precision health and its potential contribution;

ii. To share examples/case studies of precision health innovations and how they have been introduced into various health systems;

iii. Obtain insights from key stakeholders on the gaps/challenges, implications, and potential solutions (i.e., policy, health system changes, etc.) to enable the integration of precision health innovations into the Canadian health system.
Monday, October 23, 2017

07:00 – 08:45  Registration / Breakfast *(Sponsor: AbbVie)*  
Location: Lower Concourse Auditorium Foyer

08:45 – 09:00  Welcome to Day 1  
Location: Lower Concourse Auditorium  
Speaker: Soo Jin Seung, HOPE Research Centre

09:00 – 10:15  Session 1: Skating to Where the Puck is Going: How Evaluations and Reimbursement of Cancer Treatments Can Lead the Way *(Sponsor: Merck Canada Inc.)*  
Moderator: Elizabeth Hamilton-Niekelski, Merck Global  
Speakers: Kelly Robinson, Health Canada  
Louise Binder, Save Your Skin  
Suzanne McGurn, Ontario Public Drug Programs ODP  
Mona Sabharwal, Independent

**Overview:** This session seeks to address the challenges and strengths associated with oncology products at the regulatory and reimbursement levels in Canada as well as how patient stakeholders can plan to improve their input during the reimbursement process. The session speakers will take on a solutions-based approach and share potential models of success for HTA and reimbursement modifications.

10:15 – 10:45  Break *(Sponsor: Takeda Canada Inc.)*

10:45 – 12:00  Session 2: Methods for Engaging Patients in Research, Harnessing the Power of Health Data to Improve the Patient Experience  
Moderator: Deborah Marshall, University of Calgary  
Speakers: Lesley Moody, Cancer Care Ontario  
Michael Duong, Hoffman La-Roche  
Rodney Burns, Association of Ontario Health Centres

**Overview:** The objective of this session is to identify the current state of health data utilization to improve the patient experience and identify future directions in uses of health data, as well as barriers to harnessing health data.

12:00 – 13:00  Lunch *(Sponsor: Bayer Canada)*  
Location: Lower Concourse Auditorium Foyer

Student Networking  
Location: Lower Concourse Auditorium  
Organizer: Jennifer Donnan, Memorial University of Newfoundland

13:00 – 14:30  Session 3: Oral Presentations  
10 top-ranked posters  
Moderator: Kimberly Robinson, pharmaKARe Consulting

1. Serious Infections Associated with Tofacitinib in Rheumatoid Arthritis Patients Previously Treated with Methotrexate. (Marina Machado)
2. Canadian utility norms derived from the 2013-2014 Canadian Community Health Survey. (Jason Guertin)

3. The Impact of OnabotulinumtoxinA on Opioid and Triptan Use in Chronic Migraine: A Longitudinal Claims-based Analysis. (Behool Khan)

4. Profile of Canadian adults with type 2 diabetes mellitus (T2DM) and factors associated with diabetes-related complications. (Kimberley Castellano)

5. Non-vitamin K Antagonist Oral Anticoagulants and Gastrointestinal Bleeding: A Systematic Review and Meta-analysis. (Corey Miller)

6. Newborn blood spot screening for galactosemia (GALT), tyrosinemia type I (TYRI), homocystinuria (HCY), sickle cell anemia (Hb SS), sickle cell/beta-thalassemia (Hb S/β-thal), sickle cell/hemoglobin C disease (Hb SC), and severe combined immunodeficiency (SCID). (Charles Yan)

7. Outcomes associated with hospital admissions for accidental opioid overdose in British Columbia: a retrospective cohort study. (Richard Morrow)

8. The impact of metformin interaction with physical exercise on HbA1c, lipid profile, quality of life and functional capacity. (Sherif Eltonsy)

9. Cost-utility of novel tests after a negative prostate biopsy. (Alice Dragomir)


14:30 – 15:00 Break (Sponsor: Takeda Canada Inc.)

15:00 – 16:15 Session 4: The Impact of Patient Input in HTA and Decision Making in Oncology (Sponsor: Janssen Canada Inc.)
Moderator: Alexandra Chambers, CADTH pan-Canadian Oncology Review (pCODR)
Speakers: Maureen Trudeau, CADTH, pan-Canadian Oncology Review Expert Review Committee (pERC)
Robin Markowitz, Lymphoma Canada
Kathy Gesy, Saskatchewan Cancer Agency

Overview: The objective of this session is to share the patient experience in providing input into the pCODR process, including successes and opportunities, and to discuss how patient input impacts pCODR recommendations and access decision making in oncology.

16:15 – 16:45 Day 1 Summary and Kris Schindel Award Presentation
Speaker: Soo Jin Seung, HOPE Research Centre

17:00 – 19:00 Poster Presentation Session (Sponsor: Amgen Canada Inc.)
Location: Lower Concourse Auditorium Foyer

Drinks, Food Stations and Hors D’oeuvres
Location: Lower Concourse Auditorium Foyer
Tuesday, October 24, 2017

07:00 – 08:45  | **Registration / Breakfast** *(Sponsor: QuintilesIMS)*  
                Location: Lower Concourse Auditorium Foyer  

07:00 – 08:30  | **Breakfast Workshop**  
                Location: Lower Concourse Auditorium  

**Updates to Novel Methods to Control for Unmeasured Confounding**  
Presented by CAN-AIM/CNODES  
Speakers: Michal Abrahamowicz, McGill University/CAN-AIM  
          Dan Chateau, University of Manitoba/CNODES  

**Overview:** New method for imputing missing confounders, based on a small validation sample, in time-to-event analyses. Addressing confounding through extreme cohort restriction: a case study of the CNODES analysis of PPIs and pneumonia.

08:45 – 09:00  | **Welcome to Day 2**  
                Location: Lower Concourse Auditorium  
                Speaker: Soo Jin Seung, HOPE Research Centre  

09:00 – 10:15  | **Session 5: Critical Review of Patient Engagement in HTA** *(Sponsor: AstraZeneca Canada Inc.)*  
                Moderator: William (Bill) Evans, McMaster University  
                Speakers: Josephine Nanson, pERC Patient Member  
                       Seema Nagpal, Diabetes Canada  
                       Christina Sit, Lung Cancer Canada  

**Overview:** Patient engagement has become an important part of HTA submissions in Canada. However, HTA decision making bodies such as pCODR and CDR have different patient populations “at the table” and therefore, they may emphasize different patient outcomes or metrics. What are the similarities and differences between the pCODR and CDR processes? What are the best practices from both? How and when do patients want to be engaged in these processes? Are there learnings from other jurisdictions?

10:15 – 10:45  | **Break** *(Sponsor: Pivina Consulting Inc.)*

10:45 – 12:00  | **Session 6: Patient Oriented Research: Successes, Challenges, and Myths**  
                Moderator: Dean Eurich, University of Alberta  
                Speakers: Deborah Marshall, University of Calgary  
                       Holly Etchegary, Memorial University of Newfoundland  
                       Mike McCormick, Can-SOLVE CKD, National Patient Council  
                       Agnes Klein, Health Canada  

**Overview:** This session will: (i) Provide examples of integrating and engaging patients within research programs; (ii) Share potential models of “success” for patient oriented research studies; (iii) Provide examples of challenges in conducting patient oriented research and methods used to overcome challenges; (iv) Discuss perceived myths associated with patient oriented research; (v) Discuss how to better engage stakeholders, including patients and policy makers to ensure patient oriented research is achieving goal of generating knowledge.
12:00 – 13:00  **Lunch and Annual General Meeting**  
(Sponsor: Novartis)  
Location: Lower Concourse Auditorium  
Speaker: Soo Jin Seung on behalf of the CAPT Board

13:00 – 14:15  **Session 7: Bringing Patient-Centricity to Diabetes Medication Access in Canada**  
Moderator: Paul Oh, Toronto Rehabilitation Institute, UHN  
Speakers: Jan Hux, Diabetes Canada  
Judith Glennie, J.L. Glennie Consulting Inc.  
Katharina Kovacs Burns, University of Alberta  
Judy McPhee, formerly Nova Scotia Pharmacare  
Kim Hanson, Diabetes Canada  

**Overview:** Canada faces a burgeoning epidemic of Type II diabetes, and needs to move from "behind the 8-ball" to “ahead of the curve”. This will require holistic and proactive solutions. Improving access to medications is one tool for getting there, and a personalized approach to this is required.

14:15 – 14:45  **Break**  
(Sponsor: Pivina Consulting Inc.)

14:45 – 16:00  **Session 8: Conference Summary and Perspectives from Ontario’s Patient Ombudsman**  
Moderator: Ben Faienza, UCB Canada Inc.  
Speakers: Maureen Smith, Canadian Organization for Rare Diseases  
Paul Oh, Toronto Rehabilitation Institute, UHN  
Christine Elliott, Ontario’s Patient Ombudsman

16:00 – 16:30  **CAPT-ACTP Awards Ceremony / Closing Remarks**  
Location: Lower Concourse Auditorium  
Speaker: Kimberly Robinson, pharmaKARe Consulting

For any inquiries (abstracts, hotel, registration, etc.), please contact Ms. Peggy Kee (peggy.kee@sunnybrook.ca), or visit the CAPT-ACTP website at: [www.capt-actp.com](http://www.capt-actp.com).
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