

ANNUAL VIRTUAL CONGRESS 2022 & YOUNG INVESTIGATOR FORUM

HOSTED BY:  Hypertension
CANADA



MAY 5-6, 2022



LETTER FROM OUR PRESIDENT:

Dear Colleagues:

Welcome to the 2022 Canadian Hypertension Congress and Young Investigator Forum. Here's hoping this is our last virtual congress!

Our congress co-chairs, Drs. Kristen Terenzi and Dylan Burger and the CHC Program Committee have put together a great program covering the spectrum of hypertension and cardiovascular risk, from primary care to discovery sciences.

I would also like to welcome our participants to the Young Investigator Forum. If this is your first Hypertension Canada event, I think you'll find us abnormally friendly and collaborative – don't hesitate to reach out to anyone. Many thanks to our YI Forum Chair Dr. Dylan Burger, who has assembled a super program for you.

Please enjoy the congress and know that you can access all of the presentations that you missed or want to review again for the next 3 months.

See you in person next year – we have something special in the works for 2023 (I promise...)

Cheers,

Ross

Ross T. Tsuyuki, BSc(Pharm), PharmD, MSc, FCSHP, FACC, FCAHS, ISHF President, Hypertension Canada

Professor and Chair, Department of Pharmacology
Professor of Medicine (Cardiology)
and Director, EPICORE Centre Faculty of Medicine and Dentistry University of Alberta



LETTER FROM OUR EXECUTIVE DIRECTOR:

Dear Hypertension Canada members and guests:

On behalf of the team at Hypertension Canada, I would like to welcome everyone to our 2022 Virtual Congress and YI Forum. We were hoping to host this year's Congress in-person, but unfortunately, that wasn't possible. Having said that, we're in a far better place compared to last year where we can be optimistic about the future.

Building on the success of our previous Congress, the theme for 2022 is Hypertension and Cardiovascular Prevention. We have an excellent lineup of sessions for you which we hope you'll enjoy over the two days of the Congress where we showcase cutting-edge research abstracts, address knowledge gaps head-on, and inspire innovation through an open exchange to drive improved health outcomes for people living with hypertension and cardiovascular risks.

Putting together this Congress was no easy task. I'd like to thank the CHC committee, all our volunteers, our partner Buksa and their team and my own team for working so hard to put this event together for you. A special thank you to our partners, the Institute of Circulatory and Respiratory Health (CIHR), Boehringer Ingelheim/Eli Lilly and Company and Auto Control Medical for their financial support. Lastly, I'd like to thank all the Congress attendees. I hope that you will have a productive and fun-filled time at the Congress. I look forward to seeing you next year in-person.

Thank you,
Asif

PROGRAM OVERVIEW

Thursday, May 5, 2022

Time	Primary Care	Clinical/Pop Science	Basic Science
10:00 – 10:45 am ET	<p align="center">Opening Plenary Hypertension and Covid-19 Speaker: Dr. Ernesto Schiffrin</p>		
10:45 – 11:00 am ET	<p align="center">Poster Exhibits</p>		
11:00 – 12:00 am ET	<p>Topic #1: Guidelines and targets by population (including case studies)</p> <p>Speaker: Dr. Sheldon Tobe</p> <p>Topic #2: The Community Pharmacy Blood Pressure Checks Programme in England</p> <p>Speaker: Dr. Helen Williams</p>	<p>Hypertension and cardiovascular risk factors in people with severe mental illness: what are the implications?</p> <p>Speaker: Dr. Ahmed Jérôme (30 mins)</p> <p>Abstracts <i>Olivier Chenette-Stewart</i> (15 mins) <i>Jason Chung</i> (15 mins)</p>	<p>Spatiotemporal and Functional Selectivity of G Protein-Coupled Receptors Signaling; Impact in drug discovery</p> <p>Speaker: Dr. Michel Bouvier (30 mins)</p> <p>Abstracts <i>Francois Rios</i> (15 mins) <i>Tyler Roswell</i> (15 mins)</p>
12:00 – 12:15 pm ET	<p align="center">Break</p>		
12:15 – 1:15 pm ET	<p>Topic #1: Central Blood Pressure and Arterial Stiffness.</p> <p>Speaker: Dr. Ray Townsend</p>	<p>Treatment of Heart Failure with Preserved Ejection Fraction (SGLT2 inhibitors)</p> <p>Speaker: Dr. Shelley Zieroth (30 mins)</p> <p>Abstracts <i>Victoria Giammattei</i> (15 mins)</p>	<p>Mechanistic insights into the benefits of exercise for hypertensive disorders of pregnancy</p> <p>Speaker: Dr. Kristi Adamo (30 mins)</p> <p>Abstracts <i>Kayla Nist</i> (15 mins) <i>Claudia Holody</i> (15 mins)</p>
1:15 – 1:45 pm	<p align="center">Poster Exhibits</p>		
1:45 – 2:45 pm ET	<p>Hypertension Complications - CKD, Ophthalmology, Dementia and Stroke</p> <p>Speakers: Drs. Philip McFarlane, Jason Andrade, John Chen</p>	<p>Renal denervation update</p> <p>Speaker: Dr. Ray Townsend (30 mins)</p> <p>Abstracts <i>Hanieh Mohammadi</i> (15 mins) <i>Raveenie Rajasingham</i> (15 mins)</p>	<p>Local microvascular blood flow regulation</p> <p>Speaker: Dr. Graham Fraser (30 mins)</p> <p>Abstracts <i>Augusto Montezano</i> (15 mins) <i>Eric Fernandes</i> (15 mins)</p>
2:45 – 3:00 pm ET	<p align="center">Poster Exhibits</p>		
3:00 – 4:15 pm ET	<p align="center">Rapid Fire Session – Optimizing HFrEF treatment: from 'triple therapy' to the 'fantastic four.' Dr. Shelley Zieroth Presented by Boehringer Ingelheim and Eli Lilly and Company (20 mins)</p>		

PROGRAM OVERVIEW

Thursday, May 5, 2022

	Poster Exhibits
4:15 – 4:30 pm ET	Break
4:30 – 6:30 pm ET	<p>Young Investigator Forum presented in partnership with CIHR Institute of Circulatory and Respiratory</p> <p>Title of the Session: "The New Normal? Mentorship and Graduate Work Trends in the Post-COVID world"</p> <p>What I learned from COVID-19. (20 minutes) Speaker: Dr. Augusto Montezano</p> <p>How to network to build your career during and after COVID. (20 minutes) Speaker: Dr. Richard Wainford, (USA)</p> <p>COVID work trends and building relationships with your mentor (20 minutes) Speaker: Dr. Dylan Burger</p> <p>Open discussion and Kahoot Trivia Social (Host: Dr. Dylan Burger)</p>

PROGRAM OVERVIEW

Friday May 6, 2022

Time	Primary Care/Clinical/Pop Science	Basic Science
10:00 – 10:45 am ET	Plenary Obesity Management: Role of Lifestyle Modification on Cardiometabolic Health Speaker : <i>Dr. Jean-Pierre Desprès</i>	
10:45 – 11:00 am ET	Poster Exhibits	
11:00 am – 12:00 pm ET	Using an Intersectional Lifespan-based Framework to Care for Women with Hypertension Speakers: <i>Drs. Paula Harvey, Stella Daskalopoulou, Colleen Norris</i>	Comprehensive assessment of plant bioactives for cardiometabolic disorders Speaker: <i>Dr. Pierre Haddad</i> (30 mins) Abstracts <i>Brandon Shokoples</i> (15 mins) <i>Xue Mei</i> (15 mins)
12:00 – 12:15 pm ET	Break	
12:15 – 12:45 pm ET	SGLT2 INHIBITORS. New tool in the treatment of hypertension? Speaker: <i>Dr. Brendon Neuen</i>	
1:45 – 1:15 pm ET	Poster Exhibits	
1:15 – 2:15 pm ET	Innovations in Blood Pressure Measurements (cuffless devices) Speaker: <i>Dr. Daichi Shimbo</i> (30 mins) Abstracts <i>Emy Philibert</i> (15 mins) <i>Karen Tran</i> (15 mins)	Updates on vascular complications in preeclampsia. Speaker: <i>Dr. Sandra Davidge</i> (30 mins) Abstracts <i>Robert Myette</i> (15 mins) <i>Mandy Turner</i> (15 mins)
2:15 – 2:45 pm ET	Break	
2:45 – 3:45 pm ET	Finerenone & Kidney and Heart Protection Speaker: <i>Dr. Rajiv Agarwal</i> (30 mins) Abstracts <i>Alexander Ah-Chi Leung</i> (15 mins) <i>Michael Wu</i> (15 mins)	Urinary biomarkers of Mineralocorticoid activation Speaker: <i>Dr. J. Matt Luther</i> (30 mins) Abstracts <i>Olga Berillo</i> (15 mins) <i>Jithin Kuriakose</i> (15 mins)
3:45 – 4:00 pm ET	Exhibit Booth	
4:00 – 6:00 pm ET	Young Investigator Forum is presented in partnership with CIHR Institute of Circulatory and Respiratory Health Title of the session: Writing the Best Resume for Your Dream Job Speaker: <i>Dr. Nana Lee</i> , Director of Graduate Professional Development & Mentorship, Temerty Faculty of Medicine, Previous Director of Application Science, Biotech Industry	

The Hypertension Canada Professional Certification Program is Here!



The Hypertension Canada Professional Certification Program is designed to arm pharmacists with the knowledge and confidence to identify and manage patients with hypertension. Through online learning modules and practical application learning through your own practice, this comprehensive certification program provides the opportunity to examine and execute the core competencies of hypertension management to improve patient care.

Learning objectives:

- Provide the knowledge and confidence to identify and manage patients with hypertension
- Use practical application and skill-building to implement hypertension management strategies at the pharmacy level
- Provide evidence-based learning with a goal to improve guidelines adoption and adherence

Course overview

- 4 self-paced online learning modules
- Comprehension testing
- Demonstration of blood pressure measurement technique
- Use of a hypertension registry to assist in patient management
- Submission of three patient cases for evaluation and feedback by hypertension experts

Time commitment:

Approximately 30-35 hours of self-paced learning (~3 hours per week). Pharmacists will have 10 weeks to complete the program

Competencies:

1. Demonstrates a sound knowledge of the epidemiology of hypertension
2. Demonstrates a substantial understanding of the pathophysiology of hypertension
3. Is knowledgeable in hypertension prevention strategies
4. Is able to demonstrate the proper technique when measuring blood pressure
5. Demonstrates an understanding of the validation process for blood pressure devices
6. Demonstrates an ability to screen for and identify individual patient cases for hypertension
7. Demonstrates the ability to appropriately diagnose hypertension
8. Demonstrate a knowledge of common comorbidities in hypertension and how they affect diagnosis and management
9. Demonstrates the ability to assess risk factors for cardiovascular disease and calculate a risk score for cardiovascular events

Demonstrate a knowledge of the end-organ effects of hypertension and how it is identified and prevented

10. Has a working knowledge of diet and lifestyle measures for hypertension
11. Demonstrates exemplary decision-making with respect to the pharmacologic management of hypertension
12. Can identify adherence support strategies for antihypertensive therapy
13. Can Implement appropriate follow-up strategies
14. Is able to identify patients who require referral to other healthcare professionals.



Strategic Plan 2022-2025

Vision:

Healthy blood pressure for every Canadian.

Mission:

Advancing the health of Canadians by enabling the detection, prevention and control of high blood pressure and its complications.

Strategic Objectives – 2022-2025:

1. Be the trusted voice for hypertension and cardiovascular risk.

Make HC's website the single, authoritative point of contact for health care professionals and the general public, to get guidance and information about hypertension.

Build partnerships with like-minded organizations (e.g., Heart and Stroke Foundation, Canadian Cardiovascular Society) such that HC provides all of their hypertension content in return for attribution

2. Obtain baseline data on blood pressure health in Canada and develop a tracking system to monitor trends over time.

BLOOD PRESSURE MEASUREMENT MONTH

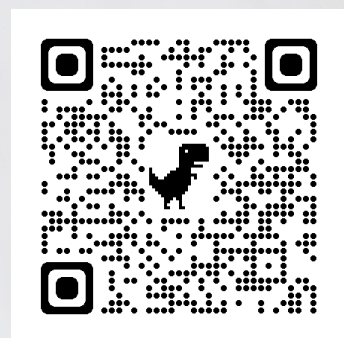


**Check your
blood pressure at home.**

Ask your pharmacist how.

Track your numbers [here](#)

#CanadaUnderPressure
#MayMeasurementMonth



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Thank you to our partners:

