

10th Annual Concussion Research Symposium

Update on Research and Care for the Concussion Spectrum of Disorders

Friday, April 21, 2023 | Hybrid: BMO Education & Conference Centre and Zoom

PROGRAM AGENDA

Times are in Eastern Daylight Time (EDT)

7:00 – 8:00	Registration and Breakfast
8:00 – 8:10	Canadian Concussion Centre Conference: Opening Remarks Dr. Charles H. Tator, Director
	Co-Chair: Dr. Carmela Tartaglia
8:10 – 8:50	Invited Speaker: Dr. Ann McKee, Neuropathologist, Boston University, Boston, USA Title: The Inconvenient Truth about CTE
8:50 – 9:10	Invited Speaker: Dr. Gabor G. Kovacs, Professor of Pathobiology at the University of Toronto Title: Exploring the Non-CTE Brain Pathologies in Repetitive Mild Traumatic Head Injury
9:10 – 9:25	Invited Speaker: Dr. Katherine Possin, Clinical Psychology, University of California, San Francisco, USA Title: Race-Based Norms for Athletes with Concussion
9:25 – 9:40	Podium Presentation: <i>Prashanth S Velayudhan</i> , Sh. Pai, E. Nishat, S. Stojanovski, S. Ameis, K. Yeates, A.L. Wheeler; The Hospital for Sick Children, Toronto Title: Biopsychosocial Subtypes of Paediatric Concussion Predict Behavioural Impairment
9:40 – 10:00	POSTER SESSION: Rapid Podium Presentations – (3 min/poster) Posters 1, 3, 4, 5, 6 presenting
10:00 – 10:30	Morning Break and Poster Viewing
10:30 – 10:50	Speaker: Dr. Carmela Tartaglia, Associate Professor of Neurology and Concussion Chair Title: WSIB Progress Report- Risk Stratification Tool for Concussed Workers
10:50 – 11:05	Podium Presentation: <i>Maryam Shahzad</i> ; University of Toronto Title: Supporting Return to Work (RTW) Outcomes Among Adults with a Concussion: A Scoping Review
11:05 – 11:20	Speaker: <i>Anna Vasilevskaya</i> , V. Sumra, C. Anastassiadis, S. Thapa, F. Taghdiri, N. Multani, M. Ozzoude, A. Tarazi, M. Khodadadi, A. Mushtaque, R. Wennberg, P. Rusjan, S. Houle, R. Green, B. Colella, J. Chad, O. Pasternak, J. Chen, K. Blennow, H. Zetterberg, T. Karikari, D. Mikulis, K. D. Davis, Charles Tator, Carmela Tartaglia; Canadian Concussion Centre Title: 18F-Flortaucipir (AV1451) Imaging in Retired Athletes
11:20 – 11:35	Podium Presentation: <i>Laurie-Ann Corbin-Berrigan</i> , É. Wagnac, S.A. Vinet, C. Charlebois-Plante, S.I. Guay, L. De Beaumont; University of Quebec at Trois-Rivières

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Title: A Canadian Exploratory Study of Head Impact Telemetry in Football Athletes

11:35 – 11:50 **Speaker:** Dr. Charles Tator, Director, Canadian Concussion Centre

Title: Concussions in Occupants of Motor Vehicle Crashes: Risk Related to Gender and Direction of Impact

12:00 – 1:00 **Lunch Break and Poster Viewing**

Co-Chair: Dr. Robin Green

1:00 – 1:40 **Keynote Speakers:** Dr. Javier Cardenas, Vice-Chair- NFL Head, Neck & Spine Committee, USA

Title: The NFL Concussion Protocol

1:40 – 1:55 **Podium Presentation:** *Goldin Joghataie*, A. Dilliot, A. Frank, A. Lang, A. Roberts, A. Troyer, B. Levine, S.R. Arnott, B. Tan, C. Fischer, C. Marras, D. Kwan, D. Munoz, D. Tang-Wai, E. Finger, E. Rogaeva, J. Orange, J. Ramirez, K. Sunderland, L. Zinman, M. Binns, M. Borrie, M. Masellis, M. Freedman, M.I. Montero Odasso, M. Ozzoude, R. Bartha, R. Swartz, A. Abrahao, B. McIlroy, M. Strong, ONDRI'S Investigators, M.C. Tartaglia; CRND

Title: Assessing the Impact of Falls on Neuropsychiatric Symptoms in Patients with Neurodegenerative Disease

1:55 – 2:10 **Speaker:** Swapna Mylabathula and Dr. Charles Tator; Canadian Concussion Centre

Title: Concussions in Ontario Elementary and High Schools Before and After Introduction of a Concussion Policy

2:10 – 2:30 **POSTER SESSION: Rapid Podium Presentations – (3 min/poster)**

Posters 2, 7, 8, 9, 10 and 11 presenting

2:30 – 3:00 **Afternoon Break and Poster Viewing**

3:00 – 3:15 **Invited Speaker:** Katherine Snedaker, Executive Director and Founder of PINK Concussions, Norwalk, USA

Title: Sex/Gender Differences in Brain Injury and Why it Matters!

3:15 – 3:30 **Speaker:** Samantha Hudson

Title: Igniting HOPE Within: A Guide for Concussion Practitioners from a Patient Perspective

3:30 – 3:45 **Podium Presentation:** *Eman Nishat*, S. Scratch, S. H Ameis, A.L Wheeler; The Hospital for Sick Children, Toronto

Title: Contribution of White Matter Disruption to Behavioural Problems After Concussion in Children

3:45 – 4:00 **Podium Presentation:** *Laura Langer*, J. Gargaro, A. Ali, M. Bayley; Toronto Rehabilitation Institute, University Health Network

Title: Re-examining the Care Pathways for Older Adults with Concussion: Are We Seeing These Injuries? Toronto Rehabilitation Institute, UHN

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4:00 -4:15	<p>Podium Presentation: <i>Miracle Ozzoude</i>, D. Gorbet, N. Smeha, M. H. Ashmoony, M. Wojtowicz, L. E. Sergio; York University</p> <p>Title: Brain Structure and Network Function are Related to Impaired Cognitive-Motor Integration in Working-aged Adults with Persistent Symptoms After Concussion</p>
4:15 – 4:30	<p>Podium Presentation: <i>Brenda Colella</i>, L.A. Meusel, M. Panozo, E. Jeffay, L. Ruttan, N. Bou-Chamoun, M. Boulos, K. Johns, R. Green; Toronto Rehabilitation Institute, University Health Network</p> <p>Title: Preliminary Efficacy and Predictors of Response to a Symptom Self-Management Program for Individuals with Persistent Symptoms After Concussion</p>
4:30- 4:45	<p>Podium Presentation: <i>Cole J Kennedy</i>, M.A. Garcia-Barrera; University of Victoria</p> <p>Title: Clinical Management of Concussion in Sport: Lessons Learned from Athletes' Experiences</p>
4:45	<p>Closing Remarks</p> <p>Dr. Charles H. Tator</p>

Poster Presentation	
Poster #	Title
1	<p>A Competency-Based Concussion Curriculum for Primary Care Residents: Benefits, Challenges and Future Directions</p> <p>Ching-Lung Huang, George Zhao, Alyson Summers, Fatima Khan, Aisha Husain, Joyce Nyhof-Young, Nicolas Fernandez, Denyse Richardson, Alice Kam</p>
2	<p>Facilitating Concussion Research Participation: A Qualitative Study Exploring the Patient Perspective</p> <p>Maryam Fereig, Sarah Diaz</p>
3	<p>Assessing Eye-Movements Performance and Executive Functioning After Concussion</p> <p>Emma Pownall</p>
4	<p>Nanoporous Carbon Immunosensor for Highly Accurate and Sensitive Clinical Detection of Glial Fibrillary Acidic Protein in Traumatic Brain Injury, Stroke, and Spinal Cord Injury</p> <p>Sultan Khetani, Razieh Salahandish, Jason B. Tabor, Matthew Chilvers, Sean Dukelow, Chester Ho, Christina Campbell, Arindom Sen, Chantel T. Debert, Amir Sanati-Nezhad</p>
5	<p>Females and The Injured Brain: New Information, New Interventions</p> <p>Eden Dales</p>
6	<p>A Novel Soccer Headgear Design to Reduce Concussion Risk in Head-to Head Collisions</p> <p>Minhong Kim</p>
7	<p>Remote Versus In-Person Follow-up in Acute Concussion Care: Examining Recovery in Pre-</p>

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	and Intra-Pandemic Cohorts Evan Foster, Tharshini Chandra, Paul Comper, Alan Tam, Alice Kam, David Lawrence, Mark Bayley
8	Factors that Influence Athletes Neurotracker Performance on Preseason Tests in Mild TBI Context Jean-Michel Acquin, Yannick Desjardins, Alexandre Deschamps, Céline Carel, Ellyne Braeunig, Étienne Fallu, Philippe Fait, Laurie-Ann Corbin-Berrigan
9	Preliminary findings: An MRI Study Tracking Post-Concussion Brain Recovery Ethan Danielli
10	Rehabilitation Interventions for Oculomotor Deficits in Adults with Concussion or Mild Traumatic Brain Injury: A Systematic Review Melissa Biscardi, Zane Grossinger, Mark Bayley, Angela Colantonio, Tatyana Mollayeva
11	The Power of Images: Using Infographics to Promote Patient and Family Understanding of Sex and Gender Effects in Traumatic Brain Injury Thaisa Tyliniski Sant'Ana, Tatyana Mollayeva