

# The 5<sup>th</sup> Annual Canadian Arthritis Research Conference:

## Advancing Arthritis Research: Team Science for Greater Impact

**April 3 & 4, 2024**

Day 1 - 11:30am - 16:30pm EDT

Day 2 - 11:30am - 16:40pm EDT

## Agenda

	<b>DAY1 - April 3, 2024 (Wednesday)</b>
<b>TIME</b>	<b>Welcome to CARC + Land Acknowledgement</b>
11:30-11:45 EDT 8:30-8:45 PDT	<b>Opening Remarks:</b> Dr. Mohit Kapoor, Dr. Hetty Mulhall, Laurie Proulx, and John Yan <b>Housekeeping + Introduction to Keynote Session</b>
11:45-12:25 EDT 8:45-9:25 PDT	<b>KEYNOTE SESSION:</b> The successes in the pain community from the work of the Canadian Pain Taskforce by Linda Wilhelm & A top-down/bottom-up approach to identifying and addressing pain priorities by Jean-Francois Leroux <i>In collaboration with:</i> Maria Hudspith (35 mins + 5 min Q&A) <i>Moderator:</i> Laurie Proulx
12:25-12:30 EDT 9:25-9:30 PDT	<b>HEALTH BREAK</b>
12:30-13:30 EDT 9:30-10:30 PDT	<b>Symposium Topic Day 1:</b> Early Diagnosis and Biomechanics in Arthritis <i>Moderator:</i> Natalie Boivin
12:30-12:45 EDT 9:30-9:45 PDT	<b>Speaker 1: Dr. Sahil Koppikar</b> (15 minutes) Yes, We Can! A "hub-and-spoke" model of care for Northern Ontario
12:45-13:00 EDT 9:45-10:00 PDT	<b>Speaker 2: Dr. Vinod Chandran</b> (15 minutes) Omic Strategies in Early Detection of Arthritis
13:00-13:15 EDT 10:00-10:15 PDT	<b>Speaker 3: Dr. Jesse Charlton</b> (15 minutes) The Biomechanical Fingerprint of Osteoarthritis
13:15-13:30 EDT 10:15-10:30 PDT	<b>PANEL: ASK ME ANYTHING</b>
13:30-14:00 EDT 10:30-11:00 PDT	<b>LUNCH</b>
14:00-15:00 EDT 11:00-12:00 PDT	<b>Best Research Presentations</b> <i>Moderator:</i> Dr. David Hart  <b>14:00-14:15: Laurie Proulx and Linda Roy</b> (10 min + 5 Q&A) Building Capacity for Patient Partnership: A Grassroots Initiative by and for the Community  <b>14:15-14:30: Dr. Noah Fine</b> (10 min + 5 Q&A) Candidate Epigenetic Polygenic Risk Score (E-PRS) to Predict Pain Response Following Surgical Intervention for Lumbar Spinal Stenosis due to Spine Osteoarthritis Intervention  <b>14:30-14:45: Megan Thomas</b> (10 min + 5 Q&A) Equity, Diversity, and Inclusion in Canadian Arthritis Research: A Template Analysis of Researchers' Perspectives and Experiences  <b>14:45-15:00: Dr. Madhu Baghel</b> (10 min + 5 Q&A) Microna-Sequencing in Liquid Biopsies from Individuals with Early Osteoarthritis and Early Rheumatoid Arthritis
15:00-15:05 EDT 12:00-12:05 PDT	<b>HEALTH BREAK</b>
15:05-16:00 EDT 12:05-13:00 PDT	<b>Panel Discussion</b> (55 minutes) <i>Moderator:</i> Anna Samson and Laurie Proulx <b>Focus/Theme:</b> Subtheme 1 – Patient Engagement in Arthritis Research <b>Panelists:</b> Dr. Katie Birnie, Marcia Bruce, Dr. Elena Lopatina, Carley Ouellette, and Tracy Wasylak
16:00-16:30 EDT 13:00-13:30 PDT	<b>NETWORKING SESSION</b> Topic: Patient Engagement: A Deeper Dive into the Future <i>Moderators:</i> Dr. Sian Bevan and Laurie Proulx

TIME	DAY 2 - April 4, 2024 (Thursday)
11:30-11:40 EDT 8:30-8:40 PDT	<b>Housekeeping + Introduction to Keynote Sessions</b> Dr. Mohit Kapoor & Dr. Hetty Mulhall
11:40-12:10 EDT 8:40-9:10 PDT	<b>KEYNOTE SESSION 2</b> <b>Dr. Marie Hudson</b> (25 mins + 5 min Q&A) Moderator: Lucy Kovalova-Woods <b>Topic (Subtheme 2):</b> Living Well with Arthritis: Update on Treatment Options
12:10-12:40 EDT 9:10-9:40 PDT	<b>KEYNOTE SESSION 3</b> <b>Dr. Glen Hazelwood</b> (25 mins + 5 min Q&A) Moderator: Lucy Kovalova-Woods <b>Topic (Subtheme 3):</b> Patient Preferences in the Continuum of Evidence
12:40-12:45 EDT 9:40-9:45 PDT	<b>HEALTH BREAK</b>
12:45-13:45 EDT 9:45-10:45 PDT	<b>Symposium Topic (Subtheme 3):</b> Optimal Care Moderator: Dr. Carter Thorne
12:45-13:00 EDT 9:45-10:00 PDT	<b>Speaker 1: Dr. Jessica Widdifield</b> (15 minutes) The Value of Rheumatology Care on Improving Health System Sustainability
13:00-13:15 EDT 10:00-10:15 PDT	<b>Speaker 2: Dr. Anna Gagliardi</b> (15 minutes) Equitable, Person-Centered Osteoarthritis Care for Diverse Women
13:15-13:30 EDT 10:15-10:30 PDT	<b>Speaker 3: Naomi Abrahams and Dr. Karine Toupin-April</b> (15 minutes) Engaging Young People in Rheumatology Care and Research: Challenges and Opportunities
13:30-13:45 EDT 10:30-10:45 PDT	<b>PANEL: ASK ME ANYTHING</b>
13:45-14:15 EDT 10:45-11:15 PDT	<b>LUNCH</b>
14:15-15:15 EDT 11:15-12:15 PDT	<b>Best Research Presentations</b> Moderator: Dr. Sian Bevan  <b>14:15-14:30: Saber Ghazizadeh Darband</b> (10 min + 5 Q&A) Regenerative Approaches to Treat Disc Degeneration and Low Back Pain <b>14:30-14:45: Dr. Carolina Munoz Grajales</b> (10 min + 5 Q&A) Elevated Serum Levels of S100A8/A9 Discriminate Systemic Lupus Erythematosus Patients with Cognitive Impairment from Patients without Impairment <b>14:45-15:00: Anca Maglaviceanu</b> (10 min + 5 Q&A) Oral Delivery of Delta-9-Tetrahydrocannabinol Provides Symptom and Disease Modification in Mouse Models of Knee Osteoarthritis <b>15:00-15:15: Dr. Anthony Perruccio</b> (10 min + 5 Q&A) The Influence of Pre-Surgery Factors on Pain and Disability Following Total Joint Arthroplasty for Osteoarthritis: A Sex-Specific Investigation
15:15-15:20 EDT 12:15-12:20 PDT	<b>HEALTH BREAK</b>
15:20-16:00 EDT 12:20-13:00 PDT	<b>Panel Discussion</b> (40 minutes) Moderator: Dr. Clare Ardern <b>Focus/Theme:</b> Digital Health and Equity <b>Panelists:</b> Alex Haagaard, Dr. Kendall Ho, and Dr. Jacob Jaremko
16:00-16:10 EDT 13:00-13:10 PDT	<b>CONFERENCE CLOSING REMARKS</b> Dr. Mohit Kapoor, Laurie Proulx, and John Yan
16:10-16:40 EDT 13:10-13:40 PDT	<b>NETWORKING SESSION</b> Topic: Trainees and Mentorship Moderators: Dr. Mohit Kapoor and John Yan