

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

## Schedule of Events

### 2024 Canadian Arthritis Research Conference Research Presentation Days

#### Register for Day 3:

[https://zoom.us/webinar/register/WN\\_EnENaDUzQrqi6WxcxR4Dpw#/registration](https://zoom.us/webinar/register/WN_EnENaDUzQrqi6WxcxR4Dpw#/registration)

#### Day 3 Schedule: April 2, 2024

Time (EDT)	Speaker Name	Institution / Affiliated Organization	Title of Presentation
<b>12:00</b>	<b>Introduction</b>		
12:10	Antonella Scali & Catherine Stratton	Canadian Psoriasis Network	Overburdened: A Report on the Burden of Psoriatic Disease in Canada
12:20	Archita Srinath	University Health Network/University of Toronto	The Role of the Deubiquitinase ZRANB1/TRABID in Inflammation and Bone Formation in Axial Spondyloarthritis
12:30	Brad Gardea	University Health Network	Maximizing quality and overcoming challenges of 2-dimensional versus 3-dimensional deep learning model predictions for fully-automated thigh muscle segmentation
12:40	Darshana Seeburruth	University of Toronto	Work Productivity and its Relationship to Clinical Features of Psoriatic Arthritis
12:50	Jeffrey Hutchinson	Western University	Investigating the role of sex hormones in the intervertebral disc
13:00	Lamia Khan	University of Alberta	Impaired DNA repair response activates a novel FOXO1-dependent metabolic remodelling in patients with progressive systemic sclerosis
13:10	Maria Fernandes	Laval University	The discovery of a novel autoantigen in rheumatoid arthritis.
13:20	Motahareh Karimijashni	University of Ottawa	Which functional activities matter most to the patients after hip or knee arthroplasty due to osteoarthritis?
13:30	Nathan Neeteson	University of Calgary	Deep learning and atlas-based segmentation automates quantitative analysis of bone quality in knee HR-pQCT
13:40	Reshani Abayasekara	University of Toronto	A data-driven approach to understanding physical activity levels and their association with osteoarthritis
13:50	Nejat Hassen	Arthritis Research Canada	Determinants of health-related quality of life in adults living with rheumatoid arthritis: a systematic review
<b>14:00</b>	<b>Break</b>		

<b>Time (EDT)</b>	<b>Speaker Name</b>	<b>Institution / Affiliated Organization</b>	<b>Title of Presentation</b>
14:10	Samantha Gross	University of Saskatchewan	Improving Musculoskeletal Care Service Delivery in Remote First Nations Communities Through Evaluation of Community Needs and Preferences
14:20	Sarah Costa	University Health Network	Knee osteoarthritis patients' weaker participation in sports and recreational activities is impacted by thigh fat distribution
14:30	Sarah Costa	University Health Network	An analysis workflow for segmentation and correction of thigh muscle fat streaks within T1-weighted MRI scans
14:40	Shaghayegh Foroozan Boroojeni	University Health Network	Macrophage migration inhibitory factor may help maintain tight junctions in the gut by enhancing occludin expression
14:50	Emily Collett	Schroeder Arthritis Institute	Multijoint involvement in patients undergoing joint arthroplasty for osteoarthritis is associated with increased risk of infection-related intra/post-operative adverse events
15:00	YV Raghava Neelapala	McMaster University	Latent Transition Analysis of Pain Phenotypes in People at Risk of Knee Osteoarthritis
15:10	Elsa-Lynn Nassar	McGill University	Telehealth Experiences during COVID-19 and Post-COVID-19 Preferences: A Cross-sectional Study from the Scleroderma Patient-centered Intervention Network (SPIN) COVID-19 Cohort
15:20	Zackary Willson	University Health Network	A Double Threat of Osteoporosis and Osteoarthritis on Higher Hip Bone Metabolism
<b>15:30</b>	<b>Closing Remarks</b>		