

# The 4<sup>th</sup> Annual Canadian Arthritis Research Conference: Arthritis across the lifespan



## Schedule of Events

### 2023 Canadian Arthritis Research Conference Research Presentation Days

Register for day 2: [https://ubc.zoom.us/webinar/register/WN\\_dQN5Q-XbR\\_WHiruhQMt-5w](https://ubc.zoom.us/webinar/register/WN_dQN5Q-XbR_WHiruhQMt-5w)

#### Day 2 Schedule: February 6, 2023

Time (EST)	Speaker Name & Institution / Affiliated Organization	Title of Presentation
11:00	Introduction / Welcome Remarks	
11:10	Tayah Zhang, University of Saskatchewan	Responsive methods of pain assessment in a northern Saskatchewan Indigenous community
11:20	Olivia Hendrikx, SickKids	Adverse Childhood Experiences: Prevalence and relationship to disease in childhood-onset lupus
11:30	Nathan J. Neeteson, University of Calgary	Automation of segmentation of trabecular and cortical compartments in HR-pQCT knee images using deep learning models pretrained on standard distal HR-pQCT images
11:40	Carolina Muñoz Grajales, University Health Network	Serum cytokine profiling reveals elevated levels of S100A8/A9 and MMP-9 in systemic lupus erythematosus patients with cognitive impairment independently of disease activity and inflammatory markers
11:50	Walid Maraqa, University of Toronto	A longitudinal multivariable clustering approach to improve phenotyping of knee osteoarthritis
12:00	Michael Tang, University Healthy Network	Deep immune profiling of cytotoxic T cells (CTLs) from patients with axial spondyloarthritis revealed a subset of CTLs that resists immune exhaustion
12:10	Anca Maglaviceanu, University of Toronto	Oral delivery of delta-9-tetrahydrocannabinol provides symptom and disease modification in a mouse model of knee osteoarthritis
12:20	Flávio Teixeira Vieira, University of Alberta	Measured versus predicted energy needs in individuals with obesity and advanced knee osteoarthritis

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12:30		Break
12:40	James Young, University Health Network	Profiles of patients with hip osteoarthritis receiving total hip arthroplasty compared to an education and exercise program
12:50	Y. Raja Rampersaud, University Health Network	Cost-utility analysis: Understanding the economic impact of surgical non-response in orthopaedic hip, knee and spine surgery for osteoarthritis
13:00	Amit Sandhu, University Health Network	Circulating miRNA signature after anterior cruciate ligament reconstruction surgery
13:10	Nafiza Anjum Haque, Memorial University of Newfoundland	Effects of arginine on osteoarthritis: A pilot clinical trial
13:20	Addison Pacheco, University Health Network	Reduced Frequency of RORyt+ Regulatory T Cells in Axial Spondyloarthritis: Effect of Secukinumab Treatment
13:30	Kabriya Thavaratnam, University of Toronto	Identification of distinct cellular populations in the synovium of early- and late-stage radiographic knee OA using single nucleus RNA sequencing
13:40	Brian Wu, University of Toronto	EphB4 signaling is a crucial mediator of tissue fibrosis
13:50	Zoya Qaiyum, University Health Network	Exploration of a non-linear relationship between diagnostic delay and axial spondyloarthritis quality-of-life measures
14:00	Bahaeddine Tilouche, The Ottawa Hospital Research Institute	Characterization of synovial joint stem cells in the mouse and human aging and arthritic joints
14:10		Closing Remarks