



## Agenda

### THURSDAY, MAY 14

7:00–8:00 AM Breakfast

#### SPONDYLOARTHRTIS IMAGING WORKSHOP

8:00–8:15 AM	Welcome and Introduction to Interactive Imaging Workshop	Denis Poddubnyy, MD, PhD University of Toronto
8:15–9:00 AM	Approach to Radiography in axSpA	Nigil Haroon, MD, PhD University of Toronto
9:00–10:00 AM	Imaging of Peripheral SpA	Rakesh Mohankumar, FRCPC University of Toronto
10:00–11:30 AM	MRI in axSpA	Denis Poddubnyy, MD, PhD University of Toronto
11:30–11:50 AM	AI in imaging of AxSpA	Keno Bressemer, MD Technical University Munich

12:00–1:00 PM Lunch

#### SPARTAN SCIENTIFIC MEETING

1:00–1:30 PM	Welcome to SPARTAN Annual Meeting	Matthew Stoll, MD, PhD and Nigil Haroon, MD, PhD
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#### Therapeutics in axSpA

1:30–2:00 PM	Therapeutics in axSpA, What Works	Carla Goncalves Medicina da Universidade de São Paulo, Brazil
2:00–2:30 PM	What Did Not Work	Atul Deodhar, MD Oregon Health & Science University
2:30–3:00 PM	Why Do Some Therapies Work and Some Don't, What is in the Pipeline	Akihiro Nakamura, MD, PhD Queen's University, Ontario
3:00–4:30 PM	Break with Posters and Poster Tour	

#### Gut-Joint Axis in SpA

4:30–4:50 PM	IBD: Recent Advances in our Understanding of Pathogenesis	John T. Chang, MD University of California San Diego
4:50–5:00 PM	Integrin Bridges: Linking Gut Inflammation to Joint Pathogenesis	Zoya Qaiyum, MSc Schroeder Arthritis Institute
5:00–5:20 PM	Gut Joint Axis (Host-Microbe Interactions and Key Cellular Responses: What Decides the Destiny of the Host?)	Kristi Kuhn, MD, PhD University of Colorado School of Medicine
5:20–5:30 PM	How does IBD Impact Clinical Presentation of axSpA Patients	Patricia Remalante-Rayco, MD University Health Network, Toronto
5:30–5:50 PM	IBD and SpA: Considerations for Managing Patients with IBD and SpA	Joerg Ermann, MD Brigham and Women's Hospital, Boston
5:50–6:00 PM	Questions & Discussion with Faculty	
7:00 PM	Dinner + Social Event	

## FRIDAY, MAY 15

7:00–8:00 AM Breakfast

### SPARTAN SCIENTIFIC MEETING

8:00–9:00 AM **Abstracts Session**

Axial spondyloarthritis monocytes display mitochondrial changes associated with inflammation (Courtney Cowan)

Mutated Nod2 enhances Th17 expansion and autoimmune uveitis in a T cell-dependent manner (Leah Huey)

Validation of MRI Structural Lesions Versus Computed Tomography in the Sacroiliac Joints of Patients with Axial Spondyloarthritis in the EchoSpA Inception Cohort (Natalya Horbal)

Radiographic Sacroiliitis Progression in Psoriatic Arthritis (Virginia Carrizo Abarza)

Effects of Sex and Race on the Genetic Association of CARD9 S12N on Axial Spondyloarthritis (Kofi Asare-Konadu)

### Personalized Medicine

9:00–9:30 AM Tissue Resident Memory T Cells: the Rookie with a Reputation Siba Raychaudhuri, MD  
University of California, Davis

9:30–10:00 AM Predicting Response to IL17 Inhibitors in axSpA Robert Inman, MD  
University of Toronto

10:00–10:30 AM Personalized Medicine in PsA, Where are We Currently? Vinod Chandran, MD, PhD  
University of Toronto

10:30–10:45 AM **Break**

### Advances in Imaging of axSpA

10:45–11:15 AM Imaging Advances in SpA, Low Dose CT, PET, Synthetic CT, Thinking Beyond MRI Denis Poddubnyy, MD, PhD  
University of Toronto

11:15–11:45 AM ASAS-SPARTAN Classification Criteria and New Directions Walter Maksymowych, MD, FRCP  
University of Alberta

11:45 AM–12:30 PM **Lunch**

### Year in Review

12:30–1:00 PM Year in Review: Basic/Translational Matthew Stoll, MD, PhD, MSCS  
University of Alabama at Birmingham

1:00–1:30 PM Year in Review: Clinical Mohammed Bittar, MD  
Oregon Health & Science University

1:30–2:00 PM Year in Review: Clinical Trials Wilson Bautista Molano, MD, PhD  
University Hospital Fundación Santa Fe de Bogotá, Columbia

### AI in Medicine/Science

2:00–2:30 PM Promise & Peril: Navigating the GenAI Wave in Healthcare Muhammad Mamdani, PharmD, MA, MPH  
University of Toronto

2:30–3:00 PM AI and MI in Discovery Science for PsA and axSpA Igor Jurisica, PhD, University of Toronto

3:00–3:30 PM AI in SpA Imaging: the Promises and Pitfalls Keno Bressemer DHM at  
Technical University Munich

3:30–4:45 PM **Poster Tour — Break**

## FRIDAY, MAY 15 (continued)

4:45–5:45 PM	<b>Breakout Sessions</b>	
Clinical Group 1	<b>Clinical I:</b> Develop a SPARTAN Registry and Identifying Disease Endotypes in SpA (SPARTAN Project)	
Clinical Group 2	<b>Clinical II:</b> Collaborating on Imaging Studies in axSpA	
Basic Science Group	<b>Basic I:</b> Animal Studies, Human Translational Studies, Fundamental Research. Speed Dating Format <b>Basic II:</b> Developing a Collaborating Network for Translational Science in North America	
Education Group	<b>Education:</b> Tools for Screening, Outreach to APPs and Other Touch Points	

### The Great Debate

5:45–6:30 PM	Invert the Pyramid in Treatment of axSpA	Marina Magrey, MD, University Hospitals; Philip Mease, MD, Swedish Medical Center
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## SATURDAY, MAY 16

7:00–8:00 AM **Breakfast**

### SPARTAN MEMBER FORUM

8:00–9:00 AM	<b>Fellowship/Grants Session</b> Characterizing Nociceptive Pain in Axial Spondyloarthritis: a Prospective Longitudinal Study Sex Differences in Real World Treatment Patterns and Drug Adherence in Axial Spondyloarthritis: a Comprehensive Assessment from the RISE Registry and Medicare Claims Live Visualization of Neutrophil Infiltration in Early Stages of New Bone Formation in SpA A Joint Effort: Comparing Treatment Outcomes in Patients with IBD Associated axSpAx	Mohamad Bittar, MD Oregon Health & Science University Rachael Stovall, MD, MAS University of Washington Brian Wu, PhD Queen's University, Ontario Savannah Bowman, MD UTHealth Houston
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### SPARTAN Projects

9:00–9:15 AM	Spartan Research Policy Update: CLASSIC Data Sharing, Criteria for SPARTAN Project Endorsement	Jean Liew, MD Joerg Ermann, MD
9:15–9:30 AM	axSpA Treatment Guidelines	Liron Caplan, MD, PhD University of Colorado
9:30–9:45 AM	MRI: New Definitions for axSpA	Walter Maksymowych, MD University of Alberta
9:45–10:00 AM	Physiotherapy Knowledge / Practice Patterns Education Committee	Romy Schwabe, MSc Royal National Hospital for Rheumatic Diseases, Bath, UK
10:00–10:15 AM	BASIS Update	Sibel Aydin, MD, University of Ottawa
10:15–10:30 AM	<b>Break</b>	

### SpA Cohorts and Collaboration Opportunities

10:30–11:15 AM	SpA Cohorts across SPARTAN Introduction to cohorts by PI	UCSF Cohort (Gensler), PARC/NERDS (Walsh), PSOAS (Reveille/Hwang),	NIH Cohort (Lotfi-Emran), SPARCC (Inman), VA PULSAR (Caplan)
11:15 AM–12:00 PM	International Collaborator Connection Panel Discussion		PANLAR-ESPALDA (Wilson Bautista-Molano), Emirates SpA (Alnaqbi), Irish Registry (O'Shea)

12:00–1:00 PM **Lunch**

1:00 PM **Annual Meeting Concludes**