

Schedule of Events

THURSDAY, APRIL 28

(Central Daylight Time)

5:00–7:00 PM **Welcome Reception and Abstract Poster Hall**

FRIDAY, APRIL 29

(Central Daylight Time)

8:00–8:15 AM **Welcome** **Judith Smith, MD, PhD**
SPARTAN Chair
University of Wisconsin, Madison

8:15–8:20 AM **2022 Research Career Achievement Award Presentation to James Rosenbaum, MD**

8:20–9:30 AM **Year in Review**
Moderators: Atul Deodhar, MD and Mohamad Bittar, MD

<p>Basic Science</p> <p>Clinical Research Non-trial</p> <p>Clinical Trials</p>	<p>Joerg Ermann, MD Brigham and Women's Hospital, Boston</p> <p>Mark Hwang, MD, MS The University of Texas Health Science Center Houston</p> <p>Marina Magrey, MD University Hospitals Cleveland Medical Center Cleveland</p>
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9:30–9:40 PM BREAK

Scientific Session: Pain

Moderators: Philip Mease, MD and Jessica Walsh, MD

<p>9:40–10:50 AM</p> <p>Mechanistic Studies in Pain</p> <p>Central Pain Sensitization in axSpA</p> <p>Inflammatory Back Pain (A Critical Look at the Concept and Utility)</p>	<p>Anne-Marie Malfait, MD, PhD Rush University, Chicago</p> <p>Yvonne Lee, MD, MMSc Northwestern University, Chicago</p> <p>Karl Gaffney, MB, BCh, BAO Hons, FRCPI, FRCP The Norfolk & Norwich University Hospital Norwich, UK</p>
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10:50–11:00 AM Q & A

11:00–11:10 AM BREAK

Scientific Session: Immunology and Genetics

Moderators: Judith Smith, MD, PhD and Tejpal Gill, MD

11:10 AM–
12:25 PM

Mechanism of JAK Inhibitor in axSpA;
Beyond IL-17/IL-23
Genetic Risk Score and Potential Application
as a Diagnostic Tool for ax SpA in Back Pain Patients
Novel Therapeutic Targets in AS

Dirk Elewaut, MD, PhD
Ghent University Hospital, Ghent, Belgium

Matthew Brown, MD
King's College, London, UK

Akihiro Nakamura, MD
University Health Network, Toronto

12:25–12:45 PM Q & A

12:45–1:30 PM LUNCH

Scientific Session: Imaging

Moderator: Walter Maksymowych, MD

1:30–3:10 PM

Synthetic CT
Implementation and Role of Low Dose CT
in Clinical Practice
Axial SpA MRI Findings in Pediatric Patients
PET-CT in Diagnosis of AxSpA

John Carrino, MD, MPH
Hospital for Special Surgery, New York

Jonathan Chan, MD
University of British Columbia, Vancouver

Pam Weiss, MD, MSCE
Children's Hospital of Philadelphia

Siba Raychaudhuri, MBBS, MD
University of California Davis
VA Medical Center Sacramento

3:10–3:30 PM Q & A

3:30–4:00 PM BREAK

Grant Recipient and Abstract Presentations

Moderator: John Reveille, MD

4:00–6:00 PM

Seed Grants for Junior Faculty

Elucidating a Role for Neutrophils in Th17 Immunity
and Disease in Ankylosing Spondylitis

Significance and Outcome of Magnetic Resonance Enterography
Revealing Sacroiliitis in Crohn's Disease: A Pilot Study

Functional Genomics to Identify Key Cellular Drivers in Ankylosing Spondylitis

The Impact of Tumor Necrosis Factor Inhibitor Use on Cardiovascular Events
in Ankylosing Spondylitis

Ruth Napier, PhD
Oregon Health & Science University, Portland

Fardina Malik, MD
NYU Langone School of Medicine, New York

Maria Gutierrez-Arcelus, PhD
Boston Children's Hospital, Boston

Jean Liew, MD
Boston University, Boston

Fellowship Grants for Pilot Projects

Effect of Biologics in Subgroups of Axial Spondyloarthritis Based on
MRI and CRP: A Subgroup Analysis by Objective Signs of Inflammation

Paras Karmacharya, MD
Vanderbilt University, Nashville

Oral Abstracts

Polyfunctional IL-17A+ MAIT Cells are Expanded in the Peripheral
Blood of Patients with HLA-B27+ Axial Spondyloarthritis

Micah Lefton, MSc
Brigham and Women's Hospital
Boston

Impact of Characteristic Inflammatory and Structural Imaging Lesions on Clinical Expert Classification of Juvenile Spondyloarthritis

Adam Mayer, MD
Children's Hospital of Philadelphia
Philadelphia

Trends in Fracture Rates among Veterans with Ankylosing Spondylitis

Sali Merjanah, MD
Boston University, Boston

6:30-9:00 PM **Dinner at the Madison Museum of Contemporary Art**

Studying Color, Line and Composition from Artists with Arthritis – Renoir, Toulouse Lautrec, Klee, Khan and Rasnens

James Louie, MD

SATURDAY, APRIL 30

(Central Daylight Time)

8:00-8:40 AM **Keynote Address**
IL-17D and its Potential Role in SpA

Ellen Gravallese, MD
Brigham and Women's Hospital
Boston

8:40-9:10 AM **SPARTAN Project Updates**

CLASSIC

Walter Maksymowych, MD
University of Alberta, Edmonton

EIDA

Dax Rumsey, MD
University of Alberta, Edmonton

BASIS

Kristi Kuhn, MD, PhD
University of Colorado School of Medicine
Denver

9:10-9:20 AM BREAK

9:20-11:20 AM **SPARTAN Referral Recommendations Project**
Moderators: Liron Caplan, MD, PhD and Tiffany Lin, MD
Panelists: Maureen Dubreuil, MD; Atul Deodhar, MD; Abhijeet Danve, MD

11:20-11:30 AM BREAK

11:30-12:15 PM **Debate**
A single diagnosis of 'axial spondyloarthritis' should replace the separate diagnoses of radiographic (AS) and non-radiographic axial spondyloarthritis.
Moderator: Michael Weisman, MD

PRO **Walter Maksymowych, MD**
University of Alberta, Edmonton

CON **Michael Ward, MD, MPH**
The National Institutes of Health, Bethesda

12:15-1:00 PM LUNCH

www.spartangroup.org/2022-spartan-annual-meeting/