

OARSI 2026 WORLD CONGRESS PRELIMINARY PROGRAM



THURSDAY, APRIL 23, 2026

8:00 AM - 10:30 AM

**Pre-Congress Workshop A:
OA Data Bank: The Opportunity to Share Worldwide Collected OA Data**

Moderators:

8:00 AM - 8:30 AM

Leading by Example: The OA Trial Bank
Marienke van Middelkoop

8:30 AM – 9:00 AM

Leading by Example: The FNIH Biomarker Consortium
David Hunter

10:00 AM – 10:30 AM

PROBE (Patient Relevant Osteoarthritis endpoints using Big data Evaluation)
Sita Bierma-Zeinstra

8:00 AM - 10:30 AM

**Pre-Congress Workshop B:
It's All about OA Pain**

Moderators:

8:50 AM - 9:20 AM

All About Quantitative Sensory Testing in OA
Ida Haugen

9:50 AM – 10:30 AM

Cellular and Molecular Biomarkers of Pain

Sylvain Mathieu

8:00 AM - 10:30 AM **Pre-Congress Workshop C: Designing Research with People, Not for People: Introduction to Co-Design**
Organized By the Early Career Investigators

Moderators:

8:30 AM – 9:00 AM **What is Co Design?**
Clodagh Toomey

9:00 AM – 9:30 AM **Co-Design in Action: Real World Exemplars**
Daniel O'Brien, Peter van der Kraan

11:00 AM - 12:30 PM **OAC & OACO Journal Session**
Organized by the OAC & OACO Journal

2:00 PM - 3:20 PM **Plenary Session 1**
Opening Ceremony

Moderators:

2:00 PM - 2:40 PM **Presidential Address**
Martin Englund

2:40 PM - 3:00 PM **Basic Award Winner - Presentation**

3:00 PM - 3:20 PM **Clinical Award Winner - Presentation**

3:20 PM – 3:40 PM Break

3:40 PM - 5:10 PM **Plenary Session 2:**
Highest Rated Abstracts by Early Career Investigators

Moderators:

3:40 PM – 3:50 PM Rising Star Basic Award Abstract Presentation

3:50 PM - 4:00 PM Rising Star Clinical Award Abstract Presentation

4:00 PM - 4:10 PM Award Ceremony

4:10 PM - 4:20 PM Oral Abstract Presentation

4:20 PM - 4:30 PM Oral Abstract Presentation

4:30 PM – 4:40 PM Oral Abstract Presentation
4:40 PM – 4:50 PM Oral Abstract Presentation
4:50 PM - 5:00 PM Oral Abstract Presentation
5:00 PM - 5:10 PM Oral Abstract Presentation

5:10 PM – 5:30 PM Break

5:30 PM – 6:50 PM **Plenary Session 3: How Evolution Shapes Osteoarthritis**

Moderators:

5:30 PM – 6:10 PM How Evolution Shapes Osteoarthritis
Terrance Cappelini

6:10 PM – 6:20 PM Oral Abstract Presentation

6:20 PM – 6:30 PM Oral Abstract Presentation

6:30 PM – 6:40 PM Oral Abstract Presentation

6:40 PM – 6:50 PM Oral Abstract Presentation

6:50 PM – 7:20 PM **Plenary Session 4: Lifetime Achievement Award**

Moderators:

6:50 PM – 6:55 PM Introduction

6:55 PM – 7:15 PM Lifetime Achievement Award Winner Talk

7:15 PM – 7:20 PM Q&A

7:30 PM - 9:00 PM Opening Reception with Exhibitors

END OF DAY 1

Friday, April 24, 2026

7:30 AM - 8:30 AM **Breakfast Workshop A: Multiple Uses for Inertial Measurement Units, Artificial Intelligence, and Deep Learning in OA Research**

Moderators:

7:30 AM – 7:50 AM **Opportunities and Challenges of Measuring Biomechanics in the Wild**
Ryan McGinnis

7:50 AM – 8:10 AM **Using Artificial Intelligence and Deep Learning to Develop and Explain Relationships Between Physical Activity and Knee OA**
Kerry Costello

8:10 AM – 8:30 AM **Redefining Knee Osteoarthritis through Imaging Biomarkers and AI**
Ro Du Hyun

7:30 AM - 8:30 AM **Breakfast Workshop B: Assessing Inflammation in Clinical Trials, How to Do it?**

Moderators:

7:30 AM – 8:00 AM **Clinical and Biomarker Assessment of Inflammation in Knee Osteoarthritis and Implications for Clinical Trials**
Francis Berenbaum

8:00 AM – 8:30 AM **State of the Art Imaging Assessment of Inflammation in Knee Osteoarthritis**
Ali Guermazi

7:30 AM - 8:30 AM **Breakfast Workshop C: ICRS Meets OARSI: Early OA Knee: From Nano Repair to Surgical Repair**

Moderators:

7:50 AM – 8:10 AM **Extracellular Vesicles and Their Mimetics for Joint Repair**
Wei Seong Toh

*Additional ticketed fee required

8:30 AM - 8:45 AM Break

8:45 AM - 10:15 AM

**Concurrent Session 1:
OA in Primary Care**

Moderators:

8:45 AM - 9:25 AM

Osteoarthritis in Primary Health Care: Early Detection and Patient-Centered Management

Aleksei Pashchenko

9:25 AM - 9:35 AM

Oral Abstract Presentation

9:35 AM - 9:45 AM

Oral Abstract Presentation

9:45 AM - 9:55 AM

Oral Abstract Presentation

9:55 AM - 10:05 AM

Oral Abstract Presentation

10:05 AM - 10:06 AM

Flash Talk

10:06 AM - 10:07 AM

Flash Talk

10:07 AM - 10:08 AM

Flash Talk

10:08 AM - 10:09 AM

Flash Talk

10:09 AM - 10:10 AM

Flash Talk

10:10 AM – 10:15 AM

Q&A

8:45 AM - 10:15 AM

**Concurrent Session 2:
Systemic Factors & Comorbidities**

Moderators:

8:45 AM - 9:25 AM

Metabolic Players in the Musculoskeletal System
Clifford Rosen

9:25 AM - 9:35 AM

Oral Abstract Presentation

9:35 AM - 9:45 AM

Oral Abstract Presentation

9:45 AM - 9:55 AM

Oral Abstract Presentation

9:55 AM - 10:05 AM

Oral Abstract Presentation

10:05 AM - 10:06 AM

Flash Talk

10:06 AM - 10:07 AM

Flash Talk

10:07 AM - 10:08 AM

Flash Talk

10:08 AM - 10:09 AM

Flash Talk

10:09 AM - 10:10 AM

Flash Talk

10:10 AM – 10:15 AM

Q&A

10:15 AM - 10:45 AM

Coffee Break in Exhibit Hall

10:45 AM - 12:15 PM

Concurrent Session 3: Mechanistic Studies of OA

Moderators:

10:45 AM - 11:25 AM

The World of Lipids in OA
Rik Lories

11:25 AM - 11:35 AM

Oral Abstract Presentation

11:35 AM - 11:45 AM

Oral Abstract Presentation

11:45 AM - 11:55 AM

Oral Abstract Presentation

11:55 AM - 12:05 PM

Oral Abstract Presentation

12:05 AM - 12:06 PM

Flash Talk

12:06 PM - 12:07 PM

Flash Talk

12:07 PM - 12:08 PM

Flash Talk

12:08 PM - 12:09 PM Flash Talk

12:09 PM - 12:10 PM Flash Talk

12:10 PM – 12:15 PM Q&A

10:45 AM – 12:15 PM **Concurrent Session 4:
Pain: From Mechanistic to Clinical Aspects**

Moderators:

10:45 AM - 11:25 AM **Neuroinflammatory Mechanisms of Pain in Osteoarthritis**
Anne-Marie Malfait

11:25 AM - 11:35 AM Oral Abstract Presentation

11:35 AM - 11:45 AM Oral Abstract Presentation

11:45 AM - 11:55 AM Oral Abstract Presentation

11:55 AM - 12:05 PM Oral Abstract Presentation

12:05 AM - 12:06 PM Flash Talk

12:06 PM - 12:07 PM Flash Talk

12:07 PM - 12:08 PM Flash Talk

12:08 PM - 12:09 PM Flash Talk

12:09 PM - 12:10 PM Flash Talk

12:10 PM – 12:15 PM Q&A

10:45 AM – 1:45 PM **Clinical Trials Symposium**

12:15 PM – 1:45 PM **Lunch on Own**

2:00 PM - 3:30 PM **Plenary Session 5:
Pharmacological Innovations**

Moderators:

2:00 PM - 2:40 PM **GLP1 Inhibitors and OA**
Henning Bliddal

2:40 PM - 2:50 PM Oral Abstract Presentation

2:50 PM - 3:00 PM Oral Abstract Presentation

3:00 PM - 3:10 PM	Oral Abstract Presentation
3:20 PM - 3:21 PM	Flash Talk
3:21 PM - 3:22 PM	Flash Talk
3:22 PM - 3:23 PM	Flash Talk
3:23 PM - 3:24 PM	Flash Talk
3:24 PM - 3:25 PM	Flash Talk
3:25 PM - 3:26 PM	Flash Talk
3:26 PM - 3:27 PM	Flash Talk
3:27 PM - 3:28 PM	Flash Talk
3:28 PM - 3:29 PM	Flash Talk
3:29 PM - 3:30 PM	Flash Talk

3:30 PM - 5:00 PM **Poster Session 1 in Exhibit Hall**

3:30 PM - 4:15 PM	Odd Numbers
4:15 PM - 5:00 PM	Even Numbers

5:00 PM - 6:30 PM **Concurrent Session 5:
Multi-Omics in OA**

Moderators:

5:00 PM - 5:40 PM	The Role of the Gut Microbiome: Dysbiosis and Leaky Gut in OA <i>Michael Zuscik</i>
5:40 PM - 5:50 PM	Oral Abstract Presentation
5:50 PM - 6:00 PM	Oral Abstract Presentation
6:00 PM - 6:10 PM	Oral Abstract Presentation
6:10 PM - 6:20 PM	Oral Abstract Presentation
6:20 PM - 6:21 PM	Flash Talk
6:21 PM - 6:22 PM	Flash Talk
6:22 PM - 6:23 PM	Flash Talk
6:23 PM - 6:24 PM	Flash Talk
6:24 PM - 6:25 PM	Flash Talk

6:25 PM – 6:30 PM Q&A

5:00 PM - 6:30 PM **Concurrent Session 6:
Innovative Therapeutics**

Moderators:

5:00 PM - 5:40 PM **Advances in Cell-Specific Targeting Strategies for the Treatment of Osteoarthritis**
Ambika Bajpayee

5:40 PM - 5:50 PM Oral Abstract Presentation

5:50 PM - 6:00 PM Oral Abstract Presentation

6:00 PM - 6:10 PM Oral Abstract Presentation

6:10 PM - 6:20 PM Oral Abstract Presentation

6:20 PM - 6:21 PM Flash Talk

6:21 PM - 6:22 PM Flash Talk

6:22 PM - 6:23 PM Flash Talk

6:23 PM - 6:24 PM Flash Talk

6:24 PM - 6:25 PM Flash Talk

6:25 PM – 6:30 PM Q&A

6:45 PM - 8:00 PM **Early Career Investigators Mentorship Session***
Followed by Offsite After Party

*** Registration is required**

End of Day 2

Saturday, April 25, 2026

7:30 AM - 8:30 AM **Breakfast Workshop D: Identifying Effective Interventions for Osteoarthritis: Is it Time to Move Beyond Statistical Significance**

Moderators:

7:30 AM – 7:50 AM **Pitfalls and Limitations of Relying on P Values**
Elena Losina

7:50 AM – 8:10 AM **Potential Alternative Approaches to Analyze and Translate Clinical Data in OA**
Robin Christensen

8:10 AM – 8:30 AM **The Smallest Worthwhile Effect of Interventions: When, How and Why?**
Manuela Ferreira

7:30 AM - 8:30 AM **Breakfast Workshop E: Getting to Know the Osteoarthritis Initiative Knowledgebase: A New Resource for New and Experienced Investigators**

Moderators:

7:30 AM – 7:50 AM **Overview of the OAI and Knowledgebase**
Julieann Patarini

7:50 AM – 8:10 AM **Knowledgebase Engagement Services**
Shao-Hsien Liu

8:10 AM – 8:30 AM **Knowledgebase Resource Library**
Grace Lo

7:30 AM - 8:30 AM **Breakfast Workshop F: ESCEO Meets OARSI: New Therapeutic Approaches for the Management of OA**

Moderators:

7:30 AM – 8:00 AM **GLP1 Analogs and Joint: Friends or Foes?**
Francis Berenbaum

8:00 AM – 8:30 AM **Cell-based Therapy and Gene Therapy in OA: Where do we Stand and Where are we Going to?**
Ali Mobasher

7:30 AM - 8:30 AM **Breakfast Workshop G: ASMBR Meets OARSI: Roles of Bone in OA**

Moderators:

7:30 AM – 8:00 AM **Subchondral Bone in Human OA**

Edward Guo

***Additional ticketed fee required**

8:30 AM - 8:45 AM Break

**8:45 AM - 10:15 AM Concurrent Session 7:
Joint Related Tissues**

Moderators:

8:45 AM - 9:25 AM **Inflammatory and Mechanistic Changes in Synovium and Bone**
Carla Scnazello

9:25 AM - 9:35 AM Oral Abstract Presentation

9:35 AM - 9:45 AM Oral Abstract Presentation

9:45 AM - 9:55 AM Oral Abstract Presentation

9:55 AM - 10:05 AM Oral Abstract Presentation

10:05 AM - 10:06 AM Flash Talk

10:06 AM - 10:07 AM Flash Talk

10:07 AM - 10:08 AM Flash Talk

10:08 AM - 10:09 AM Flash Talk

10:09 AM - 10:10 AM Flash Talk

10:10 AM – 10:15 AM Q&A

8:45 AM - 10:15 AM **Concurrent Session 8:
Imaging**

Moderators:

8:45 AM - 9:25 AM **Seeing Beneath the Surface: Novel Imaging and Insights into
Subchondral Bone's Role in OA**
Edwin Oei

9:25 AM - 9:35 AM Oral Abstract Presentation

9:35 AM - 9:45 AM Oral Abstract Presentation

9:45 AM - 9:55 AM Oral Abstract Presentation

9:55 AM - 10:05 AM Oral Abstract Presentation

10:05 AM - 10:06 AM Flash Talk

10:06 AM - 10:07 AM Flash Talk

10:07 AM - 10:08 AM Flash Talk

10:08 AM - 10:09 AM Flash Talk

10:09 AM - 10:10 AM Flash Talk

10:10 AM – 10:15 AM Q&A

10:15 AM - 10:45 AM Coffee Break in the Exhibit Hall

10:45 AM - 12:15 PM **Concurrent Session 9:
OA in the Spine and Other Joints**

Moderators:

10:45 AM - 11:25 AM **Spine OA Classifications – OARSI Initiative Announcement and
Update**
Manuela Ferreira

11:25 AM - 11:35 AM Oral Abstract Presentation

11:35 AM - 11:45 AM Oral Abstract Presentation

11:45 AM - 11:55 AM Oral Abstract Presentation

11:55 AM - 12:05 PM Oral Abstract Presentation

12:05 AM - 12:06 PM Flash Talk

12:06 PM - 12:07 PM Flash Talk

12:07 PM - 12:08 PM Flash Talk
12:08 PM - 12:09 PM Flash Talk
12:09 PM - 12:10 PM Flash Talk
12:10 PM – 12:15 PM Q&A

**10:45 AM - 12:15 AM Concurrent Session 10:
Cartilage Regeneration**

Moderators:

10:45 AM - 11:25 AM **Chondroprogenitors Sense Mechanical Stimuli to Govern Articular Cartilage Maintenance and Regeneration**
Rui Yue

11:25 AM - 11:35 AM Oral Abstract Presentation
11:35 AM - 11:45 AM Oral Abstract Presentation
11:45 AM - 11:55 AM Oral Abstract Presentation
11:55 AM - 12:05 PM Oral Abstract Presentation
12:05 AM - 12:06 PM Flash Talk
12:06 PM - 12:07 PM Flash Talk
12:07 PM - 12:08 PM Flash Talk
12:08 PM - 12:09 PM Flash Talk
12:09 PM - 12:10 PM Flash Talk
12:10 PM – 12:15 PM Q&A

12:15 PM – 1:45 PM Lunch on Own

12:15 PM – 1:45 PM Early Career Investigator Luncheon Workshop

**2:00 PM - 3:30 PM Plenary Session 6:
Functional Genomics**

Moderators:

2:00 PM - 2:40 PM **Identifying Novel Biological Mechanisms and Drug Targets**
Eleftheria Zeggini

2:40 PM - 2:50 PM	Oral Abstract Presentation
2:50 PM - 3:00 PM	Oral Abstract Presentation
3:00 PM - 3:10 PM	Oral Abstract Presentation
3:10 PM - 3:20 PM	Oral Abstract Presentation
3:20 PM - 3:21 PM	Flash Talk
3:21 PM - 3:22 PM	Flash Talk
3:22 PM - 3:23 PM	Flash Talk
3:23 PM - 3:24 PM	Flash Talk
3:24 PM - 3:25 PM	Flash Talk
3:25 PM - 3:26 PM	Flash Talk
3:26 PM - 3:27 PM	Flash Talk
3:27 PM - 3:28 PM	Flash Talk
3:28 PM - 3:29 PM	Flash Talk
3:29 PM - 3:30 PM	Flash Talk

3:30 PM - 5:00 PM **Poster Session 2**

3:30 PM - 4:15 PM	Odd Numbers
4:15 PM - 5:00 PM	Even Numbers

5:00 PM - 5:30 PM **Plenary Session 7: Highest Rated Late Breaking Abstracts**

Moderators:

5:00 PM – 5:30 PM **Highest Rated Late Breaking Abstracts**

5:30 PM - 6:30 PM **Plenary Session 8: DEBATE**

Moderators:

5:30 PM – 6:30 PM **Is it Better to be Better or to be Good? Selecting Outcomes for OA Clinical Trials**
Gillian Hawker and Philippa Nicolson

7:00 PM – 10:00 PM **Congress Dinner***
*Ticketed Event

End of Day 3

Sunday, April 26, 2026

7:30 AM - 8:30 AM **Breakfast Workshop H: ORS Meets OARSI: Spatial Multiomics**

Moderators:

7:35 AM – 8:00 AM **Imaging Mass Cytometry: A Cytomic/Proteomic Tool to Interrogate Synovial Cellular Spatial Dynamics**
Carla Scanzello

8:00 AM – 8:25 AM **Transcriptomics**
Kelsey Collins

7:30 AM - 8:30 AM **Breakfast Workshop I:
Tilting Against Papermills: Fraudulent Publications in Osteoarthritis**

Moderators:

7:30 AM – 8:00 AM **What Are Paper Mills, What Do They Produce and What Harm Do They Do?**
Cindy Boer

8:00 AM – 8:30 AM **Published Examples of Dubious Osteoarthritis Papers and How We Might Stop Them**
Ben Faber

7:30 AM - 8:30 AM **Breakfast Workshop J: Consequences of Inflammation: Synovial Fibrosis in OA***
*Collaboration of OARSI with other societies interested in OA (ESCEO, ICRS, ESSKA, TERMIS, KSCO)

Moderators:

7:30 AM – 7:50 AM **Detection and Consequences of Synovial Fibrosis in Patients With OA**
Garth Blackler

7:50 AM – 8:10 AM **Synovial Fibroblast Diversity and Function in Patients With OA**
Simon Jones

8:10 AM – 8:30 AM **Synovial Fibrosis in Animal Models of Osteoarthritis**
Robert Mauck

***Additional ticketed fee required**

8:30 AM - 8:45 AM Break

**8:45 AM - 10:15 AM Concurrent Session 11:
Double Feature: Clinical**

Moderators:

8:45 AM - 9:10 AM **Earlier Than Early OA: Pre-OA Illness as a Window for Intervention**
Jeffrey Driban

9:10 AM – 9:35 AM **Challenges of Surgical Intervention vs Rehab Trials**
Inger Mechlenburg

9:35 AM - 9:45 AM Oral Abstract Presentation

9:45 AM - 9:55 AM Oral Abstract Presentation

9:55 AM – 10:05 AM Oral Abstract Presentation

10:05 AM - 10:15 AM Oral Abstract Presentation

**8:45 AM - 10:15 AM Concurrent Session 12:
Double Feature: Basic Science**

Moderators:

8:45 AM - 9:10 AM **Mechanisms of Cartilage Calcification in Disease**
Abhishek Abhishek

9:10 AM – 9:35 AM **A Comprehensive Strategy for Osteoarthritis Modification Rooted in
Growth Plate Physiology: From Development to Disease**
Dae-Won Kim

9:35 AM - 9:45 AM Oral Abstract Presentation

9:45 AM - 9:55 AM Oral Abstract Presentation

9:55 AM – 10:05 AM Oral Abstract Presentation

10:05 AM - 10:15 AM Oral Abstract Presentation

10:15 AM - 10:45 AM Coffee Break in Prefunction Area

10:45 AM - 12:30 PM

**Plenary Session 9:
Year in Review**

Moderators:

Cindy Boer
Jessica Bertrand

10:30 AM – 10:45 AM

OA Clinical: Epidemiology and Therapy
Vicky Duong

10:45 AM – 11:00 AM

Biology
Andrea Schwab

11:00 AM – 11:15 AM

Genetics, Genomics, and Epigenetics
Sarah Rice

11:15 AM – 11:30 AM

Imaging
Takechi Fukuda

11:30 AM – 11:45 AM

Rehabilitation and Outcomes
Siyi Zhu

11:45 AM – 12:00 PM

Biomechanics and Gait
Ben Mentiplay

12:00 PM – 12:15 PM

Biomarkers
Augustin Latourte