

SER **OARSI** **2023** SYMPOSIUM

**FROM BIOMARKERS
TO PRECISION MEDICINE
IN KNEE OSTEOARTHRITIS**

JUNE 22-23
A Coruña
Spain



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THURSDAY, JUNE 22nd

13.50-14.00 h WELCOME

PART I: BIOMARKERS IN OA

14.00-15.00 h **SESSION 1: Molecular biomarkers for the identification of endotypes in OA**

- ◇ 14.00-14.20 h **Genetics, Genomics and Epigenetics**
Juan Fernández
- ◇ 14.20-14.40 h **Proteomics, Metabolomics and Lipidomics**
Ali Mobasheri
- ◇ 14.40-15.00 h **Discussion and conclusions**

15.00-16.20 h **SESSION 2: Molecular biomarkers for the diagnosis and prognosis of OA phenotypes**

- ◇ 15.00-15.20 h **Genetics, Genomics and Epigenetics**
Sarah Rice
- ◇ 15.20-15.40 h **Mitochondrial genetics**
Alejandro Durán
- ◇ 15.40-16.00 h **Proteomics, Metabolomics and Lipidomics**
Valentina Calamia
- ◇ 16.00-16.20 h **Discussion and conclusions**

16.20-17.00 h **COFFEE BREAK & POSTERS**

17.00-19.00 h **SESSION 3: Clinical and imaging biomarkers**

- ◇ 17.00-17.20 h **OA Phenotypes defined by clinical biomarkers**
Margreet Kloppenburg
- ◇ 17.20-17.40 h **Regression to the mean and its importance for pain outcomes in OA clinical trials**
Martin Englund
- ◇ 17.40-18.00 h **Structural Fast Progression**
Wolfgang Wirth
- ◇ 18.00-18.20 h **The Knee Osteoarthritis Prediction (KNOAP2020) challenge**
Jukka Hirvasniemi
- ◇ 18.20-19.00 h **Discussion and conclusions**

20.00 h **GALA DINNER**

FRIDAY, JUNE 23rd

PART II: THERAPY IN OA

09.00-09.50 h **SESSION 4: Presentation of Oral Abstracts**

- ◇ 09.00-09.10 h **Abstract 1**
- ◇ 09.10-09.20 h **Abstract 2**
- ◇ 09.20-09.30 h **Abstract 3**
- ◇ 09.30-09.40 h **Abstract 4**
- ◇ 09.40-09.50 h **Abstract 5**

09.50-10.20 h **COFFEE BREAK AND POSTERS**

10.20-12.30 h **SESSION 5: Therapy in OA**

- ◇ 10.20-10.40 h **Senolytics, Senescence, Aging**
Martin Lotz
- ◇ 10.40-11.00 h **Regenerative Therapies/Chondrogenesis Inductors**
Gun-il Im
- ◇ 11.00-11.20 h **Inflammaging and Nutritional treatments**
Yves Henrotin
- ◇ 11.20-11.40 h **Metabolic Therapy**
David Hunter
- ◇ 11.40-12.00 h **New pharmacological therapies for pain and structure modification**
Phil Conaghan
- ◇ 12.00-12.30 h **Discussion and conclusions**

12.30-14.00 h **LUNCH AND POSTERS**

PART III: PRECISION MEDICINE IN OA

14.00-15.20 h **SESSION 6: Pain in OA**

- ◇ 14.00-14.20 h **Identification of novel targets for osteoarthritis pain**
Rachel E Miller
- ◇ 14.20-14.40 h **Osteoarthritis chronic pain phenotype**
Mylene P Jansen
- ◇ 14.40-15.00 h **Discussion and conclusions**



15.00-16.00 h SESSION 7: Patients and RRI

- 15.00-15.20 h **Point of view of the Dutch Arthritis Foundation**
Corné Baatenburg de Jong
- 15.20-15.40 h **Point of view of OAFI**
Josep Vergés
- 15.40-16.00 h **Discussion and conclusions**

16.00-16.30 h COFFEE BREAK AND POSTERS

16.30-17.30 h SESSION 8: Precision Medicine in Pre-Radiographic OA

- 16.30-16.50 h **Can we predict who will develop early knee OA?**
Fiona Watt
- 16.50-17.10 h **Definition of Asymptomatic OA phase (Prevention OA)**
Sebastián C Rodríguez-García
- 17.10-17.30 h **Discussion and conclusions**

17.30-18.30 h SESSION 9: Debate: Is OA ready for precision medicine?

- 17.30-17.50 h **OA is ready to apply for precision medicine**
Rocío Castro
- 17.50-18.10 h **It is not time yet for precision medicine in OA**
Simon Mastbergen
- 18.10-18.30 h **Discussion and conclusions**

18.30h CLOSING

SPEAKERS

Corné Baatenburg de Jong
Deputy Director and Manager of Operations
and Funding. Dutch Arthritis Society,
the Netherlands

Valentina Calamia
Department of Rheumatology Investigation.
Instituto de Investigación Biomédica de A
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Rocío Castro
Skeletal Biology and Engineering Research
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Phil Conaghan
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Clinical Epidemiology Unit. Lund University,
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Juan Fernández
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Yves Henrotin
Bone and Cartilage Research Unit. University
of Liège, Belgium

Jukka Hirvasniemi
Department of Radiology. Erasmus MC,
the Netherlands

David Hunter
Sydney Musculoskeletal Health Flagship.
University of Sydney, Australia

Gun-il Im
Department of Orthopaedics. Dongguk
University, South Korea

Mylène P Jansen
Department of Rheumatology. University
Medical Center Utrecht, the Netherlands

Margreet Kloppenburg
Department of Rheumatology. Leiden
University Medical Center, the Netherlands

Martin Lotz
Department of Molecular Medicine.
The Scripps Research Institute, USA

Simon C Mastbergen
Department of Rheumatology. University
Medical Center Utrecht, the Netherlands

Rachel E Miller
Rush University Medical Center, USA

Ali Mobasheri
Research Unit of Medical Imaging, Physics
and Technology. University of Oulu, Finland

Sarah Rice
Department of Biosciences. Newcastle
University, United Kingdom

Josep Vergés
President and CEO of the Osteoarthritis
Foundation International, Spain

Fiona Watt
Department of Immunology and
Inflammation, Imperial College London,
United Kingdom

Wolfgang Wirth
Department for Imaging and Functional
Musculoskeletal Research. Institute of
Anatomy and Cell Biology, Austria



ABSTRACTS

KEY INFORMATION

- ☑ Your work must be submitted via email at symposiumoarsi@ser.es before 28 May.
- ☑ This submission must include your work attached, and the following fields:
 - ☑ Abstract title
 - ☑ Authors
 - ☑ Hospital/Institution
 - ☑ Body (up to 3.500 characters)
 - ☑ Corresponding author
 - ☑ Corresponding e-mail
- ☑ A confirmation e-mail will be sent to your e-mail address.
- ☑ 5 projects will be selected as oral communications to be presented in SESSION 4 of the Scientific Programme. The remaining abstracts will be presented as posters in the exhibition area.
- ☑ The final evaluation will be communicated to the corresponding author after 29 May.

ABSTRACT FORMAT

- ☑ In the body of the abstract, the character limit is set at 3,500 characters, including text spaces (tables/images are excluded from this character limit).
- ☑ Optionally, you may include a maximum of three images (*.jpg and *.png formats) with a maximum file size of 5MB and a resolution of at least 300 dpi. It will be necessary to include a "reference" in the body text of the abstract that refers to the image/graphic. E.g. (image 1, graphic 1, etc.).

Please note that the deadline for submission is **28 May 2023, at 23.59h (UTC+2)**.

For any assistance regarding your submission, please contact symposiumoarsi@ser.es

COLLABORATING ENTITIES



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Fundación Española de
Reumatología

REGISTRATION

CATEGORIES	Regular	On-site registration
MD, Professor, PhD, lab director	200€	250€
Postdoc, Student, Resident, Fellow, Nurse, etc	100€	150€
Gala dinner	100€	

* Please note that registration fees do not include travel expenses, accommodation and the Gala Dinner

To access the program and complete your registration, please visit the website: www.ser.es/inscripciones/ and complete the [Symposium form](#).

To attend the [Gala Dinner](#) on 22 June, registration on the cited website is required.

For any information related to registration and accommodation of this Symposium please send an email to: uniontours@uniontours.es or contact by phone at +34 93 419 20 30

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SER-OARSI
SYMPOSIUM 2023

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Sociedad Española de
Reumatología


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