

SER 2023 **OARSI** 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
- ◇ 14.20-14.40 h Proteomics, Metabolomics and Lipidomics
- ◇ 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
- ◇ 15.20-15.40 h Mitochondrial genetics
- ◇ 15.40-16.00 h Proteomics, Metabolomics and Lipidomics
- ◇ 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
- ◇ 17.20-17.40 h Clinical biomarkers to define pain Progression
- ◇ 17.40-18.00 h Structural Fast Progression
- ◇ 18.00-18.20 h The Knee Osteoarthritis Prediction (KNOAP2020) challenge
- ◇ 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
- ◇ 10.40-11.00 h Regenerative Therapies/Chondrogenesis Inductors
- ◇ 11.00-11.20 h Inflammaging and Nutritional treatments
- ◇ 11.20-11.40 h Metabolic Therapy
- ◇ 11.40-12.00 h Therapeutic Pain and Structural Responders
- ◇ 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 The relevance of defining pain endotypes for outcomes in knee osteoarthritis
- ◇ 14.20-14.40 h Osteoarthritis chronic pain phenotype
- ◇ 14.40-15.00 h Associations between biomarkers of matrix metabolism and inflammation with pain and fatigue
- ◇ 15.00-15.20 h Discussion and conclusions

15.20-16.20 h **SESSION 7: Patients and RRI**

- ◇ 15.20-15.40 h Point of view of the Dutch Arthritis Foundation
- ◇ 15.40-16.00 h Point of view of OAFI
- ◇ 16.00-16.20 h Discussion and conclusions

16.20-17.00 h COFFEE BREAK AND POSTERS

17.00-18.00 h SESSION 8: Precision Medicine in Pre-Radiographic OA

- 17.00-17.20 h Definition of Early OA
- 17.20-17.40 h Definition of Asymptomatic OA phase (Prevention OA)
- 17.40-18.00 h Discussion and conclusions

18.00-19.00 h SESSION 9: Debate: Is OA ready for precision medicine?

- 18.00-18.20 h OA is ready to apply for precision medicine
- 18.20-18.40 h It is not time yet for precision medicine in OA
- 18.40-19.00 h Discussion and conclusions

19.00h CLOSING

SPEAKERS

Corné Baatenburg de Jong

Deputy Director and Manager of Operations and Funding. Dutch Arthritis Society, the Netherlands

Phil Conaghan

Department of Rheumatology. Leeds Teaching Hospitals Trust, United Kingdom

Sebastián de la Cruz

Medical Affairs, ICON, Spain

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

Sarah Rice

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Josep Vergés

President and CEO of the Osteoarthritis Foundation International, Spain

Fiona Watt

Centre for Osteoarthritis Pathogenesis. Kennedy Institute of Rheumatology, United Kingdom

Wolfgang Wirth

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

Organize by:



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.

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Sociedad Española de
Reumatología


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