

Chair:
Maria Antonietta D'Agostino

Scientific Committee:
**Stefano Alivernini,
Silvia Laura Bosello**

International
Meeting

AROUND AND BEYOND THE JOINT

2ND EDITION

**13-14
OCTOBER
2023**



OME

PRESENTATION

Recent decades have witnessed the increase of knowledge about uncovered biological and cellular mechanisms regulating the pathogenetic steps of chronic inflammation with the identification of key molecules included in novel therapeutic management algorithms. Recent advances showed that many detrimental events characterizing the pathogenesis of immune-mediated diseases such as Psoriatic Arthritis and Spondyloarthritis, or systemic autoimmune disorders such as Rheumatoid Arthritis, Systemic Sclerosis and Systemic Lupus Erythematosus might take place in different biological compartments far from the joint (e.g. mucosal surface from the oral cavity to the colonic mucosa, bone marrow and lung). In addition, periarticular organs such as the enthesis were demonstrated to host crucial pathogenetic events that are fundamental for the development of joint diseases, supporting the mandatory need to include them within the multiorgan view of such conditions.

Therefore, immune-mediated and systemic autoimmune diseases seem characterized by a multi-organ involvement affecting patient inter-individual heterogeneity in terms of disease trajectory prognosis as well as of therapeutic response.

During 2 days, internationally renowned experts in the field of rheumatology and immunology will discuss recent advances and unmet medical needs to refine a scientific research agenda to guide clinical and experimental studies in rheumatic diseases.

With the Patronage of



FNOMCeO
Federazione Nazionale degli Ordini
dei Medici Chirurghi e degli Odontoiatri



Società Italiana
di Reumatologia

CHAIR

Maria Antonietta D'Agostino

SCIENTIFIC COMMITTEE

Stefano Alivernini, Silvia Laura Bosello

FACULTY

Stefano Alivernini - Rome, Italy

Christina Bergmann - Erlangen, Germany

Silvia Laura Bosello - Rome, Italy

Maxime Breban - Boulogne-Billancourt, France

Roberto Caricchio - Worcester, USA

Maria Sole Chimenti - Rome, Italy

Andrea Chiricozzi - Rome, Italy

Francesco Ciccia - Naples, Italy

Fabrizio Conti - Rome, Italy

Andrew Cope - London, UK

Félicie Costantino - Boulogne-Billancourt, France

Adam Croft - Birmingham, UK

Maria Antonietta D'Agostino - Rome, Italy

Enrico De Lorenzis - Rome, Italy

Giacomo De Luca - Milan, Italy

Ruggero De Maria Marchiano - Rome, Italy

Kurt De Vlam - Leuven, Belgium

Francesco Del Galdo - Leeds, UK

Dirk Elewaut - Gent, Belgium

Filippo Fagni - Erlangen, Germany

Roberto Giacomelli - Rome, Italy

Hélène Gouze - Boulogne-Billancourt, France

Ricardo Grieshaber Bouyer - Heidelberg, Germany

Franco Locatelli - Rome, Italy

Daniele Mauro - Naples, Italy

Gerlando Natalello - Rome, Italy

Barbara Neerinckx - Leuven, Belgium

Augusta Ortolan - Rome, Italy

Ketty Peris - Rome, Italy

Andreas Ramming - Erlangen, Germany

Chiara Rizzo - Palermo, Italy

Roula Said-Nahal - Boulogne-Billancourt, France

Maurizio Sanguinetti - Rome, Italy

Georg Schett - Erlangen, Germany

Gian Domenico Sebastiani - Rome, Italy

Jérémie Sellam - Paris, France

Renee Van Der Cruyssen - Gent, Belgium

Lisa Van Baarsen - Amsterdam, NL

Angelo Zoli - Rome, Italy



08.00-08.45 Registration of participants

08.45-08.50 Welcome and opening

Gian Domenico Sebastiani, Maria Antonietta D'Agostino

**08.50-10.30 - LUNG AND HEART MICROENVIRONMENT:
WHAT DRIVES INFLAMMATION?**

Chairpersons: Gian Domenico Sebastiani, Fabrizio Conti

08.50-09.10 Inflammatory mechanisms breaking pulmonary homeostasis in interstitial lung diseases

Roberto Caricchio

09.10-09.30 Molecular and cellular players of cardiac involvement in Systemic Sclerosis

Giacomo De Luca

09.30-09.50 Lipodomics and cardiovascular risk in Psoriatic Disease

Kurt de Vlam

09.50-10.10 Prognosis of pulmonary function progression in Systemic Sclerosis: implications for therapeutic approaches

Silvia Laura Bosello

10.10-10.30 Discussion

10.30-11.00 Coffee break

11.00-11.40 - STARLIGHT SESSION 1

Chairpersons: Maria Sole Chimenti, Félicie Costantino

11.00-11.10 Multi Spectral Optoacoustic Tomography in Psoriatic Disease

Filippo Fagni

11.10-11.20 Inflammation and bone loss: the brain control?

Renee van der Cruyssen

11.20-11.30 Emerging pathways in the pathogenesis of spondyloarthritis

Daniele Mauro

11.30-11.40 Discussion

11.40-13.00 - UNCOVERED ASPECTS OF INFLAMMATION AND REPAIR

Chairpersons: Stefano Alivernini, Roberto Caricchio

11.40-12.00 Tendon repair and Inflammation: the egg or the hen?

Dirk Elewaut

12.00-12.20 Synovial and cartilage networks in Osteoarthritis progression

Jérémie Sellam

12.20 -12.40 Molecular evolution of neutrophils in arthritis

Ricardo Grieshaber-Bouyer

12.40-13.00 Discussion

13.00-14.30 Lunch

14.30-16.10 - MICROBIOLOGICAL MICROENVIRONMENT IN INFLAMMATORY DISEASES: BREAKING BAD?

Chairpersons: Adam Croft, Angelo Zoli

14.30 -14.50 Infectious agents in the critical interface of the immunological tolerance loss

Maurizio Sanguinetti

14.50-15.10 Vaginal microbiome plays a role in gender difference manifestations in Spondyloarthritis?

Francesco Ciccia

15.10-15.30 Microbiome and fecal transplantation in Spondyloarthritis and Rheumatoid Arthritis: myth or reality?

Maxime Breban

15.30-15.50 Post-translational modifications in the pathogenesis of chronic inflammation

Fabrizio Conti

15.50-16.10 Discussion

16.10-16.40 Coffee Break

16.40-17.20 - STARLIGHT SESSION 2

Chairpersons: Georg Schett, Silvia Laura Bosello

16.40-16.50 Comprehensive characterization of serum extracellular vesicles in progressive scleroderma interstitial lung disease

Enrico De Lorenzis

16.50-17.00 An organoids-based approach to model the gut-joint axis in Spondyloarthritis

Gerlando Natalello

17.00-17.10 The "leaky gut" in SpA: focus on a new pathomechanism related to ZEB proteins

Chiara Rizzo

17.10-17.20 Discussion

17.20-17.30 - WRAP-UP DAY 1 AND CLOSING REMARKS

Maria Antonietta D'Agostino



08.30-10.10 - STROMAL AND MESENCHYMAL CELLS COMPARTMENTS WITHIN AND AROUND THE JOINT*Chairpersons: Maxime Breban, Roberto Giacomelli*

- 08.30-08.50** Tendon and enthelial microenvironment in Psoriatic Arthritis inflammation
Andreas Ramming
- 08.50-09.10** Heterogeneity of synovial fibroblast networks regulating arthritis severity
Adam Croft
- 09.10-09.30** Dissecting tenosynovial microenvironment in the pre-clinical phase of Rheumatoid Arthritis
Stefano Alivernini
- 09.30-09.50** Mesenchymal cell niche of lymph nodes in Rheumatoid Arthritis
Lisa Van Baarsen
- 09.50-10.10** Discussion
- 10.10-10.40** Coffee Break

10.40-12.00 - RESTORE IMMUNITY: NEW INSIGHTS FROM THE CAR-T CELL APPROACH*Chairpersons: Jérémie Sellam, Dirk Elewaut*

- 10.40-11.00** Novel approaches of CAR T-cell therapy in solid tumours and hematological malignancies
Franco Locatelli
- 11.00-11.20** Deconvolution of the antibody's response in CAR-T cell treated autoimmune patients
Georg Schett
- 11.20-11.40** Unmet clinical and therapeutic needs in CAR-T cells-based approach
Ruggero De Maria
- 11.40-12.00** Discussion

12.00-12.40 - STARLIGHT SESSION 3*Chairpersons: Francesco Del Galdo, Andreas Ramming*

- 12.00-12.10** Cardiovascular risk in rheumatic diseases: implications and challenges
Hélène Gouze
- 12.10-12.20** Measuring Fibroblast activation in systemic sclerosis patients in vivo
Christina Bergmann

- 12.20-12.30** Contextual factors in spondyloarthritis: from mice to humans
Barbara Neerincx

- 12.30-12.40** Discussion

- 12.40-14.00** Lunch

14.00-15.20 - DISSECTING NOVEL CLINICAL, IMAGING AND GENETIC-BASED APPROACHES FOR STRATIFICATION OF PATIENTS IN CHRONIC INFLAMMATORY DISEASES*Chairpersons: Kurt de Vlam, Roula Said-Nahal*

- 14.00-14.20** Rheumatoid arthritis: risk phenotypes and strategies for prevention, diagnosis and therapeutic approaches
Andrew Cope
- 14.20-14.40** The genetic landscape of immune mediated diseases: from genotype to phenotype
Félicie Costantino
- 14.40-15.00** Machine learning algorithms for patient stratification in Systemic Lupus Erythematosus for therapeutic approaches (from AGILES PROJECT)
Augusta Ortolan
- 15.00-15.20** Discussion

15.20-16.40 - PATHOPHYSIOLOGICAL INSIGHTS TO DETECT DISEASE TRAJECTORY IN CHRONIC INFLAMMATION AND CANCER*Chairpersons: Georg Schett, Andrew Cope*

- 15.20-15.40** Tuning fibrosis: Lessons from reverse translation studies on progressing vs. non progressing patients
Francesco del Galdo
- 15.40-16.00** The link between inflammation and melanoma: a post-translational modification?
Ketty Peris
- 16.00-16.20** Cellular and molecular pathways in atopic dermatitis
Andrea Chiricozzi
- 16.20-16.40** Discussion
- 16.40-17.10** Farewell Coffee Break

17.10-17.30 - WRAP-UP DAY 2 AND CLOSING REMARKS*Maria Antonietta D'Agostino*

- 17.30-17.45** Discussion and compilation of CME questionnaire



GENERAL INFORMATION

Sede del Corso

NH COLLECTION Roma Centro

Via Dei Gracchi, 324 - 00192 Roma

Provider ECM (Id 181)

e Segreteria Organizzativa

dynamicom
education



Viale Brianza, 22 - 20127 Milano

- enrica.milani@dynamicom-education.it
+39 335 7121137
- silvia.visentin@dynamicom-education.it
+39 345 6981785

L'evento fa parte del nostro piano formativo



E.C.M.



ECM (EDUCAZIONE CONTINUA IN MEDICINA)

L'evento n° 181-391953 è inserito nella lista degli eventi definitivi ECM del Programma Formativo 2023 del Provider.

Categorie Accreditate: Medico Chirurgo

Discipline: Reumatologia, Medicina Interna, Geriatria, Ortopedia e Traumatologia, Allergologia e Immunologia Clinica, Medicina Fisica e Riabilitazione, Endocrinologia, Malattie Metaboliche e Diabetologia, Dermatologia, Radiodiagnostica, Medicina Generale (Medici di Famiglia)

Numero di crediti: 12

Numero massimo partecipanti: 100

Obiettivo Formativo: 3. Documentazione clinica. Percorsi Clinico-Assistenziali, Diagnostici e Riabilitativi, Profili di Assistenza - Profili di cura.

Modalità di Iscrizione:

- Accedere all'indirizzo: <https://dynamicomeducation.it/event/around-and-beyond-the-joint>
- Effettuare il «LOGIN» con le proprie credenziali. In caso di primo accesso cliccare sul bottone «AREA RISERVATA» nella barra in alto a destra, quindi «REGISTRATI» e completare il form con i propri dati personali. Una mail automatica di conferma di registrazione sarà inviata all'indirizzo specificato.
- A registrazione completata e login effettuato, ricercare nel catalogo corsi l'evento: "AROUND AND BEYOND THE JOINT" iscriversi premendo il pulsante «ISCRIVITI».
- Riceverà una mail da sistema, contenente il suo QR Code personale da presentare al desk di registrazione in sede congressuale per ritirare il suo badge nominativo, che dovrà essere sempre esibito per poter accedere alle Aule dove si svolgeranno le sessioni scientifiche.

In caso di necessità per assistenza tecnica, cliccare il box Assistenza nella homepage del sito e completare il form oppure inviare una mail a: helpdeskfad@dynamicom-education.it

Supported by an unrestricted educational grant from

abbvie

AstraZeneca

Biogen

Boehringer
Ingelheim

Lilly

Galápagos
Pioneering for patients

GSK

Janssen Immunology

NOVARTIS

PHARMACEUTICAL COMPANIES OF Johnson & Johnson

Pfizer

ucb Inspired by patients.
Driven by science.

AROUND
AND BEYOND
THE JOINT
International Meeting

Rome,
13-14 October
2023

