

# 5<sup>th</sup> EULAR Course on Synovial Biopsy

Clinical innovation for daily rheumatology: Organising synovial biopsy

**Barcelona, Spain**

**Friday, 20 September 2024 – Saturday, 21 September 2024**



# ORGANISATION & COMMITTEE

## Scientific Organisers

- Andrew Filer (United Kingdom)
- Aurélie Najm (United Kingdom)

## Faculty Members

- Ana Belén Azuaga (Spain)
- Antonio Manzo (Italy)
- Benoit Le Goff (France)
- Esperanza Naredo (Spain)
- Ingrid Möller (Spain)
- Joaquim Polido Pereira (Portugal)
- Luis Coronel (Spain)
- Mark Maybury (United Kingdom)
- Stefano Alivernini (Italy)

## Organising Secretariat

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## EULAR Committee

EULAR Education Committee, Live Courses & Meetings Sub-Committee

## COURSE DESCRIPTION

This is an integrated, one-and-a-half-day course focused on synovium biopsy. The course will be based on the format of a half day interactive lectures and a full day practical biopsy session on cadavers.

This course consists of complementary teaching units, aiming at engaging different specialists such as sonographers, clinical rheumatologists, pathologists, and translational scientists. Lectures will include a summary of recent advances in the field of synovial tissue research and detailed description with videos and teaching material of the biopsy techniques not only of large joints but also of the wrist, MCPs and MTPs. The most adequate procedures to prepare synovial samples for several types of analysis, including single cell studies, will be addressed. A practical hands-on module will then take place in the superb anatomy faculty of Barcelona, where participants will have the opportunity to practice US-guided synovial needle and forceps biopsy under guidance of world recognized faculty.

### Learning objectives

- Different procedures for synovial biopsy
- Value of synovial tissue in translational research and clinical practice
- Utility and interpretation of the information provided by synovial tissue
- Synovial biopsy practice in small and large joints (wrist and knee)

## GENERAL INFORMATION

### Course Venue

**Day 1:** Hyatt Regency Barcelona Tower  
Avinguda de la Granvia de l'Hospitalet, 144  
08907 L'Hospitalet de Llobregat  
Barcelona, Spain

**Day 2:** Universitat de Barcelone – Campus Bellvitge  
Av. Mare de Déu de Bellvitge, 3  
08907 L'Hospitalet de Llobregar  
Barcelona, Spain

## Course Hotel

Hyatt Regency Barcelona Tower  
Avinguda de la Granvia de l'Hospitalet, 144  
08907 L'Hospitalet de Llobregat  
Barcelona, Spain

## Course dates

Friday, 20 September 2024 (Start at 14:00) – Saturday, 21 September 2024 (End at 14:00)

## Official language

English

## Maximum participants

30

## Course fee

**500 €** (VAT included), package includes:

### Friday, 20 September 2024

- Full access to the course
- Afternoon coffee break
- Dinner
- 1-night accommodation

### Saturday, 21 September 2024

- Full access to the course
- Lunch

## Certification

After the course, all participants who have successfully completed the course will receive a certificate of attendance on their EULAR School user account. 100% course attendance is required.

# REGISTRATION

## Target Audience

This is an educational activity targeting clinician and scientists working in the field of rheumatology or musculoskeletal diseases.

For this course to be the most beneficial to participants, a minimum experience in musculoskeletal ultrasound (MSUS), defined as regularly performing MSUS in current practice, is mandatory. As part of the application process, you will be asked to detail your experience in both MSUS and US guided MS procedures.

## Registration

Online: <https://esor.eular.org/course/view.php?id=463>

Please apply with the required application documents within the registration system. You will need to login to your EULAR School of Rheumatology account to register. If you do not have a School account, you will need to create one before applying.

**Registration deadline:** 28 July 2024

Early registration is advisable. Number of participants is limited.

**Review process and notification:** The review process can take up to 2-6 weeks. Your application will be reviewed by EULAR and the Scientific Organisers of the course. Please await our email for the final decision on your application.

## Bursary

EULAR grants **5 bursaries** in the amount of **EUR 500 each**. Please apply with your motivation letter, CV and (if any) publication list within the registration system.

**Bursary application deadline:** 30 June 2024

**Notification:** mid-July 2024

# Detailed Programme

Day 1 – Friday, 20 September 2024

Time	Type of session & Title	Speakers
13:00 – 14:00	REGISTRATION	
14:00 – 14:15	<b>Welcome and Introduction</b> (Description of the learning objectives)	A. Filer A. Najm I. Möller
14:15 – 14:45	<b>What is new in synovial tissue research?</b> (Molecular analysis - Stratified therapy – New technologies)	A. Filer
14:45 – 15:15	<b>Value of synovial biopsy in clinical practice</b> (Clinical indications– Which analysis and when? - When is it useful? – Differential diagnosis)	B. Le Goff
15:15 – 15:45	<b>Management and analysis of synovial biopsies</b> (Quality criteria - Recommendations on handling, staining, and analysis)	A. Manzo
15:45 – 16:15	COFFEE BREAK	
16:15 – 16:45	<b>Different biopsy techniques and outcomes</b> (Description of the different techniques – required instruments – Comparative quality of the biopsied material)	A. Najm
16:45 – 17:15	<b>Practical aspects of synovial biopsies</b> (Asepsia – anesthesia – post-procedure care – pain management – safety and tolerance – corticosteroid injections – requirements of the procedure room)	J. Canete
17:15 – 17:45	<b>US guided biopsies: wrists, MCPs and MTPs</b> (US anatomy of the joints – entry site – biopsy procedure with extensive video material)	S. Alivernini
17:45 – 18:45	<b>US guided biopsies: large joints</b> (US anatomy of the joints – entry site – biopsy procedure with extensive video material, concerns about patients on anticoagulation)	J. Pereira
20:00 -	DINNER & GROUP PHOTO	

**Day 2 – Saturday, 21 September 2024**

Time	Type of session & Title	Speakers
08:30 – 08:45	Practical demonstration of US guided forceps biopsy	A. Filer
08:45 – 09:00	Practical demonstration of US guided needle biopsy	E. Naredo
09:00 – 09:15	BREAK UP IN GROUPS	
09:15 – 13:00	Practice on cadavers	A. Filer A. Najm B. Le Goff E. Naredo I. Möller J. Canete J. Pereira L. Coronel M. Maybury S. Alivernini
13:00 – 14:00	LUNCH & DEPARTURE	

*Any changes to the scientific programme or to the list of speakers are possible until the date of course. Further updates will be published on the [EULAR School of Rheumatology](#) homepage.*