

11th EULAR Course on Epidemiology 2025 – Observational Studies

Valencia, Spain

Thursday, 20 March 2025 – Friday, 21 March 2025



ORGANISATION & COMMITTEE

Scientific Organisers

- Laure Gossec (France)
- Pedro Machado (United Kingdom)
- Sofia Ramiro (Netherlands)

Faculty

- Anja Strangfeld (Germany)
- Laure Gossec (France)
- Loreto Carmona (Spain)
- Martin Schäfer (Germany)
- Pedro Machado (United Kingdom)
- Sofia Ramiro (Netherlands)

Organising Secretariat

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EULAR Committee

EULAR Education Committee, Live Courses & Meetings Sub-Committee

COURSE DESCRIPTION

This one-and-a-half-day course is aimed at young rheumatologists / HPR / researchers with some experience in epidemiology/outcomes research.

The main goal of the course is to increase the interest, knowledge, and skills of young researchers in epidemiology and outcome measures and stimulate critical thinking in the design and reading of research studies. Furthermore, the course will also allow young researchers to get together, which will facilitate future collaborations; as well as interact with the prestigious speakers.

The course will further focus on interactive learning and practical training, as reflected in the time dedicated for discussion and workshops.

Learning objectives

- The main goal of the course is to increase the interest, knowledge and skills of young researchers in epidemiology and stimulate critical thinking in the design and reading of research studies.
- To get insight into important epidemiological concepts and methodologies, including statistical analysis, and observational studies.
- To allow young researchers with a confirmed interest in epidemiology to get together and network, which will facilitate future collaborations.

GENERAL INFORMATION

Course venue

Barceló Valencia
Avenida de Francia 11
46023, Valencia, Spain

[Website](#)

Course dates

Thursday, 20 March 2025 – Friday, 21 March 2025

Official language

English

Maximum participants

40

Course fee

300 € (VAT included), package includes:

Thursday, 20 March 2025

- Full access to the course.
- Coffee break.
- Engagement dinner.

Friday, 21 March 2025

- Full access to the course.
- Coffee break.
- Lunch.

****Kindly note that accommodation is not included in the course fee.***

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

Application requirements / Target audience

This is an educational activity targeting young rheumatologists/HPR/researchers. This course has no specific prerequisites or application requirements, however it is highly recommended to have basic or intermediate knowledge and experience in epidemiology/outcomes research and statistics, as this is an intermediate/advanced course.

Registration process

Online: <https://esor.eular.org/course/view.php?id=438>

Please login to your EULAR School of Rheumatology account to register.

Registration deadline: Sunday, 2 February 2025.

* Early registration is advisable. Number of participants is limited.

Bursary

EULAR grants **5 bursaries** in the amount of **EUR 300 each**. The amount of the bursary will be deducted from the course fee.

Please apply with your motivation letter, CV and (if any) publication list within the registration system.

Bursary application deadline: Sunday, 5 January 2025.

Notification: Mid-January 2025.

Detailed Programme

Day 1 – Thursday, 20 March 2025

Time	Type of session & Title	Speakers
12:00 – 13:00	REGISTRATION	
13:00 – 13:30	Introduction – who are we, who are you?	L. Gossec P. Machado S. Ramiro
13:30 – 14:15	Planning and conduct of observational cohort studies, including interactive exercises (45m) <ul style="list-style-type: none"> • Study designs • Choice of subjects and controls • Definition of exposure • Data collection and monitoring • Ethics 	A. Strangfeld
14:15 – 15:00	Specific difficulties of non-randomised design: Bias, including interactive exercises	L. Carmona
15:00 – 15:45	Regression analyses: Basic principles, including interactive exercises	P. Machado
15:45 – 16:15	COFFEE BREAK	
16:15 – 17:15	Workshop – Critical appraisal of a paper <ul style="list-style-type: none"> • In 3 Groups 	Group 1: L. Gossec Group 2: A. Strangfeld Group 3: L. Carmona
17:15 – 18:00	Confounding, effect modification and interactions, including interactive exercises	M. Schäfer
18:00 – 18:30	Career choices - round-table discussion	All Faculty
18:30 – 19:00	Speed dating around career choices Buzz Groups: « everything you always wanted to know but couldn't ask around careers »	A. Strangfeld L. Carmona L. Gossec P. Machado S. Ramiro
19:30 -	DINNER & GROUP PHOTO	

Day 2 – Friday, 21 March 2025

Time	Type of session & Title	Speakers
08:30 – 08:45	Introduction to second day	L. Gossec P. Machado S. Ramiro
08:45 – 09:30	Modelling longitudinal data , Including interactive exercises	S. Ramiro
09:30 – 10:15	Treatment effect in observational studies (propensity scoring) , including interactive exercises	M. Schäfer
10:15 – 10:30	COFFEE BREAK	
10:30 – 12:00	Workshop - Designing a research project <ul style="list-style-type: none"> In 3 groups 	L. Gossec P. Machado S. Ramiro Other Faculty
12:00 – 12:45	LUNCH	
12:45 – 13:45	Applying what you learned on SPSS – hands on experience (Computer with programme running needed)	P. Machado S. Ramiro
	Running in parallel with: Medical writing in epidemiology – some tips	L. Gossec
13:45 – 14:00	OFFICIAL CLOSING OF MEETING	L. Gossec P. Machado S. Ramiro
14:00 – 15:00	INFORMAL OPTIONAL LOBBY DISCUSSIONS – Tips on networking and presenting	L. Gossec P. Machado S. Ramiro

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](#).