



Introductory Course on Epidemiology

Programme

March 13-14, 2025

Thessaloniki, Greece



Coordinators and Faculty

Course Coordinators

Marjolein Bonthuis and Vianda Stel
ERA Registry, Amsterdam UMC, The Netherlands

Local Coordinator

Pantelis Sarafidis
Aristotle University of Thessaloniki, Greece

Course Faculty

Vianda Stel - ERA Registry Managing Director and Epidemiologist
Amsterdam UMC, The Netherlands

Alberto Ortiz - ERA Registry Chair
Hospital Universitario Fundación Jiménez Díaz, Madrid, Spain

Rianne Boenink - ERA Registry Epidemiologist
Amsterdam UMC, The Netherlands

Marjolein Bonthuis - ERA Registry Epidemiologist
Amsterdam UMC, The Netherlands

Nick Chesnaye - ERA Registry Epidemiologist
Amsterdam UMC, The Netherlands

Anneke Kramer - ERA Registry Data Lead
Amsterdam UMC, The Netherlands

Venue

Electra Palace Hotel
9 Aristotelous Square
54624 Thessaloniki, Greece

Thursday, March 13, 2025

8:00 - Registration

- 8:30 Welcome (**P. Sarafidis**)
- 8:35 Course presentation (**V. Stel**)
- 8:45 Measures of disease occurrence - Lecture (**M. Bonthuis**)
- 9:15 Measures of disease occurrence - Hands-on (**M. Bonthuis**)
- 9:45 Measures of effect - Lecture (**N. Chesnaye**)

10:15 - Coffee break

- 10:45 Observational study designs - Lecture (**R. Boenink**)
- 11:15 Randomized controlled trial - Lecture (**A. Ortiz**)
- 11:45 Study designs - Hands-on (**V. Stel**)

12:15 - Lunch

- 13:15 Bias - Lecture (**A. Kramer**)
- 13:45 Confounding - Hands-on (**V. Stel**)

14:15 - Coffee break

- 14:45 Stratification and regression - Lecture (**A. Kramer**)
- 15:30 Stratification - Hands-on (**R. Boenink**)
- 16:00 Prognostic versus etiological research - Lecture (**V. Stel**)

16:30 - Session end

Friday, March 14, 2025

8:30 - Start

- 8:30 Introduction to SPSS and linear regression - Hands-on (**A. Kramer**)
- 9:00 Survival analysis - Kaplan Meier - Lecture (**M. Bonthuis**)
- 9:30 Survival analysis - Kaplan Meier - Hands-on (**R. Boenink**)

10:00 - Coffee break

- 10:30 Survival analysis - Cox regression - Lecture (**N. Chesnaye**)
- 11:00 Survival analysis - Cox regression (Part 1) - Hands-on (**A. Kramer**)

12:00 - Lunch

- 13:00 Survival analysis - Cox regression (Part 2) - Hands-on (**R. Boenink**)
- 13:30 Closing remarks (**V. Stel**)

13:45 - Session end