



# 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