

Target Audience

Researchers in clinical microbiology and infectious diseases using epidemiological and statistical methods

Faculty Members

Marc Bonten, Utrecht, Netherlands
Aleksandra Barac, Belgrade, Serbia
Mariska Leeflang, Amsterdam, Netherlands
Leonard Leibovici, Petah-Tiqva, Israel
Pontus Naucner, Stockholm, Sweden
Mette Nørgaard, Aarhus, Denmark
Mical Paul, Haifa, Israel
Jesús Rodríguez-Baño, Seville, Spain
Marcela Krutova, Prague; Czech Republik
Martin Wolkewitz, Freiburg, Germany
Henri van Werkhoven, Utrecht, Netherlands

Venue

Hotel NH Collection Prague
Mozartova 261/1,
150 00 Praha 5,
Czechia

Contact

Contact (Scientific Programme)

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ESCMID Postgraduate Education Course

Better methods for clinical studies in Infectious Diseases and Clinical Microbiology

Prague, Czech Republic
24 – 26 October 2023



ESCMID Postgraduate Education Course

Organisers
CMI

Other Organising Groups
ESGIE, ESGBIES

Course Coordinator
Marc Bonten, Utrecht, Netherlands

Course Objectives

The purpose of the workshop is provide the participants with tools on how to phrase a research question; choose the appropriate design and methods to address it; avoid biases; and write an optimal report. We will focus on new developments in methods, with a special emphasis on clinical trials, and use the participants' projects as examples.

ecraid

The European Clinical Research Alliance for Infectious Diseases - Ecraid - advances clinical research in the field of infectious diseases by establishing a long-term, financially self-sustainable, clinical research network in Europe.



Course Programme

Tuesday, 24 October 2023

09:15 – 09:30	Welcome: Why clinical research? <i>Leonard Leibovici</i>
09:30 – 10:30	Research to improve patients’ outcomes <i>Marc Bonten</i>
Chair	Track I <i>Mical Paul</i>
11:00 – 12:00	Systematic reviews and meta-analysis of interventions <i>Mical Paul</i>
12:00 – 13:00	Systematic reviews of diagnostic tests <i>Mariska Leeflang</i>
12:15 – 12:45	Exclusion of the most susceptible populations in clinical trials <i>Mical Paul (Israel)</i>
Chair	Track II <i>Leonard Leibovici</i>
11:00 – 12:00	How to do set-up a study on molecular epidemiology <i>Marcela Krutova</i>
12:00 – 13:00	Advanced propensity scores <i>Jesús Rodríguez-Baño</i>
14:00 – 17:30	Afternoon parallel workshops Randomized controlled trials <i>Marc Bonten, Mical Paul, Luígia Scudeller</i> Systematic reviews and meta-analysis <i>Mariska Lee lang, Leonard Leibovici</i> Analysis of clinical studies <i>Martin Wolkewitz, Aleksandra Barac, Mette Nørgaard</i>

Wednesday, 25 October 2023

Chair	Track I <i>Jesús Rodríguez-Baño</i>
09:15 – 10:15	Use of logistic regression models: how to derive and how to report them <i>Mical Paul</i>
10:15 – 11:15	Survival analysis <i>Martin Wolkewitz</i>
11:15 – 12:15	Clues for improving observational studies <i>Luígia Scudeller</i>
Chair	Track II <i>Mette Nørgaard</i>
09:15 – 10:15	Use of large, national databases: pitfalls and caveats <i>Mette Nørgaard</i>
10:15 – 11:15	Adaptive designs for randomized clinical trials <i>Henri van Werkhoven</i>
11:15 – 12:15	Design of studies to evaluate diagnostic tests <i>Aleksandra Barac</i>
13:45 – 17:00	Parallel workshops Analysis of large databases <i>Mette Nørgaard, Pontus Naucler, Marcella Krutova</i> Design of interventional studies <i>Henri van Werkhoven, Jesús Rodríguez-Baño</i> Survival analysis <i>Martin Wolkewitz, Aleksandra Barac, Mariska Leeflang</i>

Thursday, 26 October 2023

Chair	Track I <i>Leonard Leibovici</i>
08:15 – 09:15	Why was my article rejected? Because of major methodological problems <i>Leonard Leibovici</i>
09:15 – 10:15	Using stats as an MD: learning by mistake <i>Marc Bonten</i>
Chair	Track II <i>Pontus Naucler</i>
08:15 – 09:15	Analysis of vaccine effectiveness and impact <i>Pontus Naucler</i>
09:15 – 10:15	Cluster-randomized controlled trials <i>Henri van Werkhoven</i>
10:45 – 13:00	Parallel workshops Scientific writing and reporting <i>Mical Paul, Leonard Leibovici, Marc Bonten</i> Case-control studies <i>Pontus Naucler, Jesús Rodríguez-Baño, Luígia Scudeller</i> Design of randomised controlled trials <i>Marcella Krutova, Henri van Werkhoven</i>

Organisation

Registration Procedure
Please register on the ESCMID website at www.escmid.org/education by 15 September 2023.

Registration fee

ONSITE

EUR 750 for ESCMID members
EUR 850 for all others

The registration fee includes accommodation for 3 nights, 2 lunches, 5 coffee breaks, educational material

ONLINE

EUR 175 for ESCMID members
EUR 225 for non members

EUR 25 for ESCMID LMIC members
EUR 65 for ESCMID Young Scientist members

Attendance Grants

ESCMID provides a number of attendance grants for ESCMID ‘Young Scientist’ members. The Grant covers the registration fee.

ECRAID provides a number of attendance grants for ‘Young Scientist’ working in Intensive Care medicine. The Grant covers the registration fee and accomodation.

Attendance Grant Application Deadline:
1 September 2023

