Target Audience
Medical doctors, pharmacists, nurses or other healthcare professionals with an MSc or PhD and experience in infection control are eligible.

Confirmed Faculty Members
Arno Hoes, Utrecht, Netherlands
Jan Kluytmans, Breda, Netherlands
Marjolein Kluytmans, Breda, Netherlands
Ed Kuijper, Leiden, Netherlands
Dominique Monnet, Stockholm, Sweden
Maaike van Mourik, Utrecht, Netherlands
Christina Vandenbroucke-Grauls, Amsterdam, Netherlands
Andreas Voss, Nijmegen, Netherlands

Administrative Inquiries
Els den Tex & Katja Blom
University Medical Center Utrecht
Department of Medical Microbiology & Infection Control
Heidelberlaan 100
3584 CX Utrecht, Netherlands
Phone: +31 88 7557676
sec-bonten@umcutrecht.nl

Contact
For the Scientific Programme
Maaike van Mourik & Jan Kluytmans
University Medical Center Utrecht
Department of Medical Microbiology & Infection Control
Heidelberlaan 100
3584 CX Utrecht, Netherlands
sec-bonten@umcutrecht.nl

Organizer
European Committee on Infection Control (EUCIC)
of the European Society of Clinical Microbiology and Infectious Diseases

Module Objectives
This EUCIC advanced module will cover epidemiology and data-analysis of clinical infection control problems, from formulating a valid research question to designing a study, performing data analysis and interpreting the results.

Throughout the course, theoretical lectures on clinical epidemiology and general principles of healthcare epidemiology will be intertwined with group work on case studies. The participants will gain hands-on training in epidemiology and data-analysis and will have ample opportunity for active participation.
Module Programme

Wednesday, 24 October 2018

12:30 Registration and lunch
13:00 Opening. 
Jan Kluytmans
13:15 From clinical problem to a valid clinical study: a modern but still Hippocratic approach to clinical epidemiology. 
Arno Hoes
14:30 Coffee break
15:00 Introduction of clinical case studies. 
Jan Kluytmans, Christina Vandenbroucke-Grauls
16:00 Group work on case studies
19:00 Dinner

Thursday, 25 October 2018

08:30 Presentation of case studies
09:30 Prospective cohort studies. 
Maaike van Mourik
10:15 Coffee break
10:45 Presentation of case studies
11:30 Epidemiology and control of Clostridium difficile and other gastro-intestinal pathogens. 
Ed Kuipers
12:30 Lunch
13:30 Epidemiology of multiresistant Gram-negative pathogens and control measures, including the role of single rooms. 
Marjolein Kluytmans
14:30 Influencing behaviour. 
Andreas Voss
15:15 Coffee break
15:45 How to handle clinical data. 
Maaike van Mourik
16:45 Group work on case studies
19:00 Dinner

Friday, 26 October 2018

08:30 Presentation of case 2
09:15 Design of a case-control study. 
Arno Hoes
10:15 Coffee break
10:45 Presentation of case 1
11:30 Confounding in data analysis. 
Arno Hoes
13:00 Lunch
14:00 Group work on case studies
15:30 Coffee break
16:00 Outbreak management in theory and practice, and in relation to Clostridium difficile. 
Jan Kluytmans, Christina Vandenbroucke-Grauls
17:00 Presentation of case 1 and 2
19:00 Dinner

Saturday, 27 October 2018

08:30 Group work on case studies
10:30 Coffee break
11:00 Final presentations of case studies
13:00 Lunch and departure

Module Venue
Julius Center Zeist
University Medical Center Utrecht
Broederplein 43
3703 CD Zeist, Netherlands

Registration Procedure
Register now online on the ESCMID website at www.escmid.org/research.projects/eucic/training_programme/

The registration deadline is 30 June 2018.

Registration Fee
EUCIC trainee: Automatic registration

The fee includes training materials, access to software, lunches and one dinner. You will be offered to purchase a hotel and meal package through the course organization.

CME Accreditation
The organizers of the module have applied for European CME accreditation through EACCME.