

Faculty Members

- Erik Bathoorn, Groningen, Netherlands
Michael Borg, Malta
Alexander Friedrich, Münster, Germany
Sören Gatermann, Bochum, Germany
Achilleas Gikas, Heraklion, Greece
Jan Kluytmans, Utrecht, Nederland
Flora Kontopidou, Athens, Greece
Elisabeth Kousouli, Athens, Greece
Evangelos Kritsotakis, Heraklion, Greece
Konstantinos Lasithiotakis, Heraklion, Greece
Christina Louka, Athens, Greece
Vassiliki Mamali, Athens, Greece
Joseph Meletiadis, Athens, Greece
Nico Mutters, Bonn, Germany
Maria Orfanidou, Athens, Greece
Constantinos Papagiannitsis, Larissa, Greece
Maria Pirounaki, Athens, Greece
Diamantis Plachouras, Stockholm, Sweden
Maria Siopi, Athens, Greece
Nikolaos Sipsas, Athens, Greece
Nikolaos Spervovasilis, Cyprus
Carl Suetens, Stockholm, Sweden
Evelina Tacconelli, Verona, Italy
Athanasios Tsakris, Athens, Greece
Sotirios Tsiodras, Athens, Greece
Constantinos Tsioutis, Cyprus
Paraskevi Varda, Athens, Greece
Sofia Vourli, Athens, Greece
Georgia Vrioni, Athens, Greece
Olympia Zarkotou, Athens, Greece

Target Audience

Up to 36 clinical microbiologists, infectious diseases, specialists or other healthcare professionals who are experienced in infection prevention and control, involved in management of infections due to MDR pathogens or have completed the EUCIC basic module

Contact

For the Scientific Programme:

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Organisation

Module Venue

Divani Palace Acropolis
19-25 Parthenonos str., 11742 Athens, Greece
divaniacropolishotel.com

Registration procedure

Register now online on the ESCMID website at:
www.escmid.org/research_projects/eucic/training_programme/

The registration deadline is 10 January 2024

Registration Fee

EUCIC trainee: Automatic registration
ESCMID member: **500 EUR**
No ESCMID member: **550 EUR**

The fee includes teaching material, lunch and coffee breaks;
travel and accommodation will not be included.

CME Accreditation

This course has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) for a maximum of **27 European CME credits (ECMEC®s)**.

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EUCIC Advanced Module

Laboratory and clinical aspects of the surveillance of healthcare-associated infections: a theoretical and practical approach

Athens, Greece
24 – 27 January 2024



Laboratory and clinical aspects of the surveillance of healthcare-associated infections: a theoretical and practical approach

Please note!

This training course is in the English language.

Organizers

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

Module coordinator

- Athanasios Tsakris, Athens, Greece
- Achilleas Gikas, Heraklion, Crete, Greece
- Georgia Vrioni, Athens, Greece

Programme objectives

The EUCIC training programme – a pan-European science-based programme for infection prevention and control training – was established in order to train a new generation of infection control specialists linking the best expertise at European level. The module in Athens, Greece, is one of the advanced modules of this programme.

Module objectives

This 4- day module will provide essential information for the trainees:

- To appreciate the goals and principles of surveillance and feedback in preventing and controlling healthcare-associated infections (HAIs), antimicrobial resistance and outbreaks in hospital settings and optimizing antimicrobial use.
- To be introduced to basic methods of data analysis, use of data management resources and fundamental principles of reporting and communicating surveillance data.
- To appreciate the aims, objectives and methodology of Point Prevalence Surveys (PPS)
- To identify effective ways of comparing surveillance data across institutions/settings and disseminating results to healthcare professionals and policy makers at local, national and European levels.
- To enable planning, implementation and conduct of a standardized PPS in own hospital setting.

Moreover, the course will be complemented by practical lab demonstrations for learning about different diagnostic techniques for rapid identification of MDR bacteria and fungi in clinical microbiology. At the end of the module, the participants will have gained valuable knowledge and skills that can be immediately transferred to healthcare facilities and used for the benefit of hospitalized patients.

Module Programme

Wednesday, 24 January 2024

Goals and principles of surveillance

Location: Divani Palace Acropolis
Chairs: Athanasios Tsakris (Athens, Greece)
Achilleas Gikas (Heraklion, Greece)
Alexander Friedrich (Münster, Germany)

08.00 – 08.15	Opening session and welcome Athanasios Tsakris (Athens, Greece) Achilleas Gikas (Heraklion, Greece)
08.15 – 08.45	Infection prevention and control: the current European perspective Evelina Tacconelli (Verona, Italy)
08.45 – 09.15	Challenges of healthcare-associated infections (HAI) & antimicrobial resistance (AMR) for modern healthcare – the role of EUCIC program Nico Tom Mutters (Bonn, Germany)
09.15 – 09.45	Organizing and implementing national surveillance programs. Challenges and perspectives Flora Kontopidou (Athens, Greece)
09.45 – 10.15	Healthcare-associated infection surveillance systems and networks at the European level Diamantis Plachouras (Stockholm, Sweden)
10.15 – 10.45	Automated surveillance and use of artificial intelligence in IC Jan Kluytmans (Utrecht, Nederland), online
10.45 – 11.30	Coffee break
Special surveillance areas and antimicrobial stewardship Location: Divani Palace Acropolis Chairs: Nikolaos Sipsas (Athens, Greece) Sotirios Tsiodras (Athens, Greece)	
11.30 – 12.00	Surveillance of HAIs in intensive care units Constantinos Tsioutis (Cyprus)
12.00 – 12.30	Surveillance of HAIs in surgical units Konstantinos Lasithiotakis (Heraklion, Crete, Greece)
12.30 – 13.00	Surveillance of antimicrobial consumption Nikolaos Spervnavasilis (Cyprus)
13.00 – 13.30	Antimicrobial stewardship in practice Nikolaos Sipsas (Athens, Greece)
13.30 – 14.00	Session discussion and questions

14.00 – 15.00	Lunch break
Preparing and performing a hospital-wide Point Prevalence Survey (PPS) of HAIs and antibiotic use Location: Divani Palace Acropolis Chairs: Achilleas Gikas (Heraklion, Crete, Greece), Diamantis Plachouras (Stockholm, Sweden)	
15.00 – 15.30	Organizational issues, preparation and data collection in PPS surveys Elisabeth Kousouli (Athens, Greece)
15.30 – 16.00	Case definitions for common HAIs (BSI, UTI, PN, SSI) Paraskevi Varda (Athens, Greece)
16.00 – 16.30	Case studies in HAI surveillance criteria Nikolaos Spervnavasilis (Cyprus)
16.30 – 17.30	Surveillance data management with ECDC software HELICSWin.Net Diamantis Plachouras (Stockholm, Sweden) Nikolaos Spervnavasilis (Cyprus)
17.30	End of first day
Thursday, 25 January 2024 Hands-on training in implementing a real-life Point Prevalence Survey (PPS) of HAIs and antimicrobial use	
Location:	General Hospital “Laiko”, General Hospital “Hippokrateio”, General Hospital “Tzaneio”
Coordinators:	Nikolaos Sipsas (G.H. “Laiko”, Athens, Greece) Maria Piraounaki (G.H. “Hippokrateio” Athens, Greece) Olympia Zarkotou (G.H. “Tzaneio”, Piraeus, Greece)
IPC experts:	ICC (G.H. “Laiko”), C. Tsioutis, P.Varda ICC (G.H. “Hippokrateio”), N. Spervnavasilis ICC (G.H. “Tzaneio”)
09.00 – 15.30	Small groups of trainees collect patient data in the hospital wards supervised by infection control specialists
15.30 – 16.30	Lunch break
16.30 – 18.30	Team discussion and validation of collected data
18.30	End of second day
Friday, 26 January 2024 Data for action: analyzing, interpreting, communicating surveillance results Location: Divani Palace Acropolis Chairs: Evangelos Kritsotakis (Heraklion, Crete, Greece) Achilleas Gikas (Heraklion, Crete, Greece)	

08.30 – 09.30	Analyzing data from PPS – presentation of results and practical issues Evangelos Kritsotakis (Heraklion, Crete, Greece)
09.30 – 10.15	How to communicate, report, publish and use PPS results Carl Suetens (Stockholm, Sweden)
10.15 – 10.30	Session discussion and questions All
10.30-11.00	Coffee break
11.00 – 13.00	Designing a HAI surveillance programme: multidimensional perspectives on design, data analysis and practical utility Discussion with faculty members and attendees Evangelos Kritsotakis (Heraklion, Crete, Greece), Achilleas Gikas (Heraklion, Crete, Greece)
13.00 – 13.30	Lecture 1 Location: Divani Palace Acropolis Chairs: Achilleas Gikas (Heraklion, Crete, Greece) Athanasios Tsakris (Athens, Greece)
Network skills for cross-department and regional infection control: the CEO’s view on IPC Alexander Friedrich (Münster, Germany)	
13.30 – 14.30	Lunch break
14.30 – 15.00	Lecture 2 Location: Divani Palace Acropolis Chairs: Achilleas Gikas (Heraklion, Crete, Greece) Athanasios Tsakris (Athens, Greece)
Cultural influence on infection control Michael Borg (Malta)	
15.00 – 16.00	Written assessment Coordinators: Evangelos Kritsotakis (Heraklion, Crete, Greece) Georgia Vrioni (Athens, Greece)
16.00	End of third day Visit in the Acropolis Museum (with Tour Guide)
Saturday, 27 January 2024 The role of microbiology laboratory in HAI & AMR surveillance Location: Department of Microbiology, Medical School, University of Athens Chairs: Georgia Vrioni (Athens, Greece) Olympia Zarkotou (Athens, Greece)	

9.00 – 10.00	Which is the role of clinical microbiology laboratory in supporting HAI surveillance and detection of AMR by phenotypic and novel molecular methods [Debate] Maria Orfanidou (Athens, Greece) – phenotypic methods Christina Louka (Athens, Greece) – molecular methods
10.00 – 10.30	An updating of the antimicrobial susceptibility testing from EUCAST Sören Gatermann (Bochum, Germany)
10.30 – 11.00	Coffee break
Continuity 11.00 – 11.30	Molecular epidemiology in the management of HAIs Erik Bathoorn (Groningen, Netherlands)
11.30 – 12.00	MALDI-TOF technology detecting β-lactamases and beyond Constantinos Papagiannitsis (Larissa, Greece)
12.00 – 12.30	Session discussion and questions All
12.30 – 13.00	Coffee break
13.00 – 14.30	Practical lab demonstrations for learning about different diagnostic techniques for rapid identification of MDR bacteria and fungi in clinical microbiology (In groups of 12 students – 30 minutes each group) Phenotypic methods for MDR gram (-) bacteria Vassiliki Mamali / Sofia Vourli (Athens, Greece) ATB and resistance mechanisms detection on MALDI-TOF platforms (TBC) Antifungal Susceptibility testing for C. auris Joseph Meletiadis/Maria Siopi (Athens, Greece)
14.30 – 15.30	Lunch break
15.30 – 16.30	Written assessment Coordinators: Georgia Vrioni (Athens, Greece) Olympia Zarkotou (Athens, Greece)
16.30	Evaluation of the program, discussion, and conclusions