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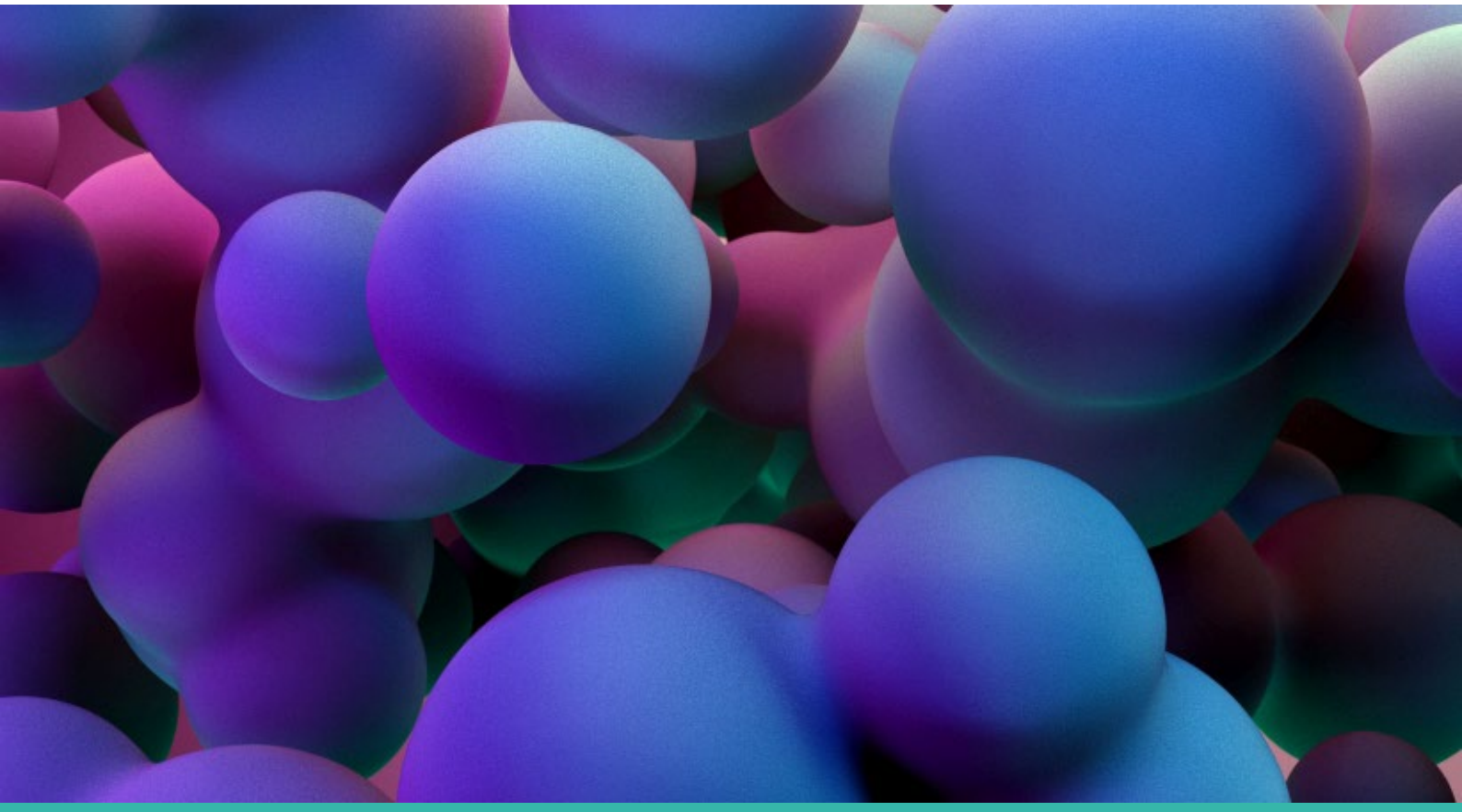
EUCIC Certificate Programme

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

Athens, Greece
21 - 23 January 2027



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

Athens, Greece

Faculty Members

Greece	**Katerina Argyraki**
Netherlands	**Erik Bathoorn**
Greece	**Dimitrios Bassoulis**
Greece	**Maria Gamaletsou**
Greece	**Achilleas Gikas**
Greece	**Flora Kontopidou**
Greece	**Evdoxia Kyriazopoulou**
Greece	**Vasiliki Mamali**
Greece	**Joseph Meletiadis**
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Greece	**Maria Orfanidou**
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Greece	**Andronikos Spyrou**
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Greece	**Athanasios Tsakris**
Cyprus	**Constantinos Tsioutis**
Greece	**Sofia Vourli**
Greece	**Georgia Vrioni**

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Day 1 Thursday, 21 January 2027

	Goals and principles of surveillance Location: The Golden Age Hotel **Chairs:** Athanasios Tsakris & Achilleas Gikas
08.45 – 09.00	**Opening session and welcome**
09:00 – 09:30	**Healthcare-associated infections and antimicrobial resistance: challenges for modern healthcare and the role of the EUCIC program** Nico Mutters
09:30 – 10:00	**Infection prevention and control: the current European perspective and the importance of behavioral changes of healthcare stakeholders** Constantinos Tsioutis
10:00 – 10:30	**Surveillance of antimicrobial resistance in Greece** Athanasios Tsakris
10.30 – 11:00	**Break**
	Chairs: Nico Mutters & Constantinos Tsioutis
11:00 – 11.30	**Organizing and implementing national surveillance programs. Challenges and perspectives** Flora Kontopidou
11.30 – 12:00	**Surveillance systems and networks at the European level** Diamantis Plachouras
12:00 – 12.30	**Automated surveillance and use of artificial intelligence (AI) in Infection prevention and control** Nikolaos Spernovasilis
12.30 – 12.45	**Session discussion and questions**
12.45 – 13:00	**Break**
	Surveillance of antimicrobial use and antimicrobial stewardship issues **Location:** The Golden Age Hotel **Chairs:** Nikolaos Sipsas & Georgia Vrioni
13:00 – 13:30	**Surveillance of antimicrobial consumption** Andronikos Spyrou
13:30 – 14:00	**Surveillance of antifungal use in Europe** Dimitrios Bassoulis
14.00 – 14:30	**Antimicrobial and antifungal stewardship in practice** Maria Gamaletsou
14.30 – 14.45	**Session discussion and questions**
14.45 – 15:30	**Lunch Break**
	Preparing a hospital-wide Point Prevalence Survey (PPS) of HAIs, collecting and analyzing **PPS results** **Location:** The Golden Age Hotel **Chairs:** Diamantis Plachouras & Nikolaos Spernovasilis
15.30 – 16.00	**Organizational issues, preparation and data collection in PPS surveys** Petroula Stamataki
16.00 – 16:30	**Case definitions for common HAIs (BSI, UTI, PN, SSI)** Flora Sourri

16:30 – 17.00	**Learning from previous European PPSs: Best practices in data collection and reporting** Aristotelis Papadimitriou
17:00 – 17.15	**Session discussion and questions**

Day 2 Friday, 22 January 2027

	Hands-on training in implementing a real-life point prevalence survey (PPS) of HAIs and antimicrobial use at "Laiko General Hospital" and "Hippokrateio General Hospital" Location: LaikoGeneralHospital,HippokrateioGeneralHospital **Coordinators:** NikolaosSipsas, MariaPirounaki, GeorgiaVrioni, NikolaosSpernovasilis, Diamantis Plachouras&ConstantinosTsioutis
08:15 – 08:30	**Gathering and departure for hospitals** **Location:** The Golden Age Hotel
09:00 – 14:30	**Small groups of trainees collect patient data on hospital wards under the supervision of infection control specialists**
15 :00 – 16 :00	**Lunch Break** (The Golden Age Hotel)
	Surveillance of HAIs in specific areas **Location:** The Golden Age Hotel **Chairs:** Ahilleas Gikas & Maria Pirounaki
16.00 – 16.30	**Surveillance of HAIs in intensive care units** Evdoxia Kyriazopoulou
16.30 – 17.00	**Surveillance of HAIs in surgical units** Katerina Argyraki
17:00 – 18.00	**Team discussion and validation of collected data**

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Day 3 Saturday, 23 January 2027

	The role of microbiology support for Healthcare-Associated Infections & Antimicrobial Resistance surveillance **Location:** The Golden Age Hotel **Chairs:** Erik Bathoorn & Georgia Vrioni
09:00–09.30	**Conventional microbiology in health care-associated infection surveillance and antimicrobial resistance detection** MariaOrfanidou
09:30–10.00	**Diagnostic stewardship: the contribution of molecular assays** Joseph Papaparaskevas
10:00 – 10:30	**The role of clinical laboratories in the surveillance of viral infections: principles and practice** Kyriaki Ranellou
10:30 – 11:00	**Break**
	Chairs: Maria Orfanidou & Vasiliki Mamali
11.00 – 11:30	**NGS applications in the management of healthcare-associated infections** ErikBathoorn
11:30 – 12:00	**MALDI-TOF in infection prevention and control: diagnostic and surveillance applications** Georgia Vrioni
12:00 – 12:30	***Candidozyma auris* as a model for emerging pathogen surveillance: the essential role of the clinical laboratory** Lida Politi
12:30 – 13:00	**Break**
13:00 – 15:00	**Practical lab demonstrations about different diagnostic techniques for rapid identification of MDR bacteria and fungi in clinical microbiology** (In small groups of 12 – 30 minutes each) **Conventional methods for MDR gram-negative bacteria –** Vasiliki Mamali/Sofia Vourli **Antifungal susceptibility testing for *Candidozyma auris* –** Joseph Meletiadis / Maria Siopi
15:00 – 16:00	**Lunch Break**
16:00 – 16:30	**Written assessment** **Coordinators:** Kalliopi Theodoridou & Georgia Vrioni
16:30	**Evaluation of the program, discussion, and conclusions**

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