

Contacts

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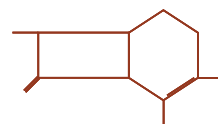
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Picture inside:
Chromogenic detection of carbapenemase-producing bacteria



ΕΛΛΗΝΙΚΗ ΕΤΑΙΡΕΙΑ ΧΗΜΕΙΟΘΕΡΑΠΕΙΑΣ
HELLENIC SOCIETY FOR CHEMOTHERAPY



Εθνική Σχολή Δημόσιας Υγείας
National School of Public Health

 **ESCMI** EUROPEAN SOCIETY
OF CLINICAL MICROBIOLOGY
AND INFECTIOUS DISEASES

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ESCMI Postgraduate Education Course

Carbapenemase-producing Gram-negative Microorganisms: Detection, Epidemiology and Therapeutic Challenges

Athens, Greece
1 – 2 December 2011



ESCMI Postgraduate Education Course

Carbapenemase-producing Gram-negative Microorganisms: Detection, Epidemiology and Therapeutic Challenges

Organisers

ESCMI together with the Hellenic Society
for Chemotherapy and the
Hellenic National School of Public Health

Course Coordinators

Helen Giamarellou, Athens, GR
Alkis Vatopoulos, Athens, GR
Irene Galani, Athens, GR
Maria Souli, Athens, GR

Course Objectives

The course participants will be able to:

- Review the current knowledge on epidemiology of carbapenemase-producers.
- Recognise or suspect Carbapenemase-producing microorganisms at the laboratory level and proceed to further identification.
- Understand and support the infection control issues which will prevent the spread of carbapenemase-producing microorganisms in their institutions.
- Discuss treatment options against carbapenemase-producing pathogens as well as the appropriate antibiotic stewardship.

Course Programme

Thursday, 1 December 2011

08:30 – 08:45 **Opening Remarks**
George K. Daikos (GR)
Honorary President of the Hellenic Society for Chemotherapy.

I. Classification and Epidemiology of Carbapenemases

08:45 – 09:15 Introduction to beta-lactamases.
Irene Galani (GR)

09:15 – 10:00 Classification and hydrolytic activity of carbapenemases.
Vivi Miriagou (GR)

10:00 – 10:45 Genetic structures at the origin of acquisition of the carbapenemase genes.
Laurent Poirel (FR)

10:45 – 11:00 Panel Discussion

11:00 – 11:30 *Coffee Break*

II. Laboratory Issues

11:30 – 12:00 When to suspect the presence of carbapenemases. Methods for phenotypic detection.
Athanassios Tsakris (GR)

12:00 – 12:30 The rationale behind the EUCAST susceptibility breakpoints and new expert rules for carbapenems.
Rafael Canton (ES)

12:30 – 13:00 How to effectively report laboratory findings to clinicians (Breakpoints and Interpretation).
Alkis Vatopoulos (GR)

13:00 – 13:15 Panel Discussion

13:15 – 14:00 *Lunch*

III. Carbapenemase-Producing Bacteria: International Experience

14:00 – 14:30 The European experience on carbapenemases.
Gian Maria Rossolini (IT)

14:30 – 15:00 The Israeli and USA experience on carbapenemases.
Yehuda Carmeli (IL)

15:00 – 15:30 The Greek experience on carbapenemases.
Maria Souli (GR)

15:30 – 15:45 Panel Discussion

16:00 Departure by bus for a guided visit to the New Archaeological Museum of Acropolis

Friday, 2 December 2011

08:00 Departure from the National School of Public Health by bus to the Laboratory of the National School of Public Health in Vari, Attica

IV. Therapeutic Challenges

09:00 – 09:30 Carbapenemase-producing Enterobacteriaceae with low-level resistance to carbapenems: Do we have more treatment options?
George L. Daikos (GR)

09:30 – 10:00 Colistin in the treatment of infections by carbapenemase-producing bacteria.
Diamantis Plachouras (GR)

10:00 – 10:30 Tigecycline in the treatment of infections by carbapenemase-producing bacteria.
Garyphallia Poulakou (GR)

10:30 – 11:00 Fosfomycin in the treatment of infections by carbapenemase-producing bacteria.
Helen Giamarellou (GR)

11:00 – 11:15 Panel Discussion

11:15 – 11:45 *Coffee Break*

V. Laboratory Rounds and Case Presentations

11:45 – 12:45 Laboratory rounds (participants divided in 3 working groups)
Coordinator: *Alkis Vatopoulos (GR)*
Irene Galani (GR)
Panagiota Giakkoupi (GR)
Kyriaki Tryfinopoulou (GR)

12:45 – 13:45 Case Presentations: From the agar plate to the patient
Anastasia Antoniadou (GR) &
George L. Daikos (GR)

13:45 – 14:30 *Lunch*

VI. Prevention and Control

14:30 – 15:00 Infection control issues.
Anastasia Antoniadou (GR)

15:00 – 15:30 Focusing on antibiotic stewardship.
Helen Giamarellou (GR)

15:45 Departure by bus for a guided tour of Sounion at sunset

Worldwide distribution of KPC carbapenemases (red dots), VIM (green dots) and NDM-1 (yellow dots) metallo-beta-lactamases



Organisation

Course Venue

1st day: National School of Public Health, Athens, Greece

2nd day: Laboratory of the National School of Public Health, Vari, Attica, Greece*

* Participants will be transported from / to the National School of Public Health by complimentary shuttle service.

Registration Procedure

The registration form can be found on the ESCMID website at www.escmid.org/education. Please return it to the course administrative secretariat by 15 October 2011.

Registration Fee

EUR 200 for ESCMID members
EUR 250 for all others

The fee includes the course materials, working lunches, coffee breaks, transportation between the venues and guided tours as noted in the programme. The fee does not include accommodation or travel costs.

Attendance Grants

ESCMID provides a number of attendance grants for young attendees (up to 40 years) covering the registration fee, but not travel or accommodation costs. Please apply via the ESCMID website at www.escmid.org/education before 1 October 2011. If there are more applicants than available grants, preference will be given to ESCMID members. Applicants will be informed about their acceptance by 15 October 2011.

CME Accreditation

The organizers of the course will apply for European CME accreditation through the Hellenic Medical Society (EACCME-UEMS criteria).