



Target Audience

Up to 120 infectious disease specialists, clinical microbiologists, mycologists, hematologists, intensivists and PhD students.

Faculty Members

Anastasia Antoniadou, Athens, Greece
Oliver Cornely, Cologne, Germany
Manuel Cuenca-Estrella, Madrid, Spain
George Daikos, Athens, Greece
Miranda Drogari-Apiranthitou, Athens, Greece
Andreas Groll, Muenster, Germany
Lene Klingspor, Stockholm, Sweden
Olivier Lortholary, Paris, France
Joseph Meletiadis, Athens, Greece
Patricia Muñoz, Madrid, Spain
Livio Pagano, Rome, Italy
George Petrikos, Athens, Greece
Juan Luis Rodriguez-Tudela, Majadahonda, Spain
Emmanuel Roilides, Thessaloniki, Greece
Helen Sabatakou, Athens, Greece
George Samonis, Heraklion, Greece
Anna Skiada, Athens, Greece
Sotirios Tsiodras, Athens, Greece
Paul Verweij, Nijmegen, The Netherlands
Georgia Vrioni, Athens, Greece
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Contact

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Scientific picture inside: Microscopic picture of *Aspergillus*, courtesy of Professor Cornelia Lass-Flörl, Innsbruck, AT.



ESCMID Postgraduate Education Course

Problems in the Diagnosis and Treatment of Invasive Fungal Infections: Recent Advances in Their Management

Athens, Greece
2 – 3 March 2012



Problems in the Diagnosis and Treatment of Invasive Fungal Infections: Recent Advances in Their Management

Organisers

- Hellenic Society of Medical Mycology (HSMM)
- ESCMID Fungal Infection Study Group (EFISG)
- 4th Department of Internal Medicine, National Kapodistrian University of Athens

Course Coordinators

- Anastasia Antoniadou, Athens, Greece
- George Petrikos, Athens, Greece
- Anna Skiada, Athens, Greece

Course Objectives

The course will provide an update on epidemiology, diagnosis and treatment of invasive fungal infections. It puts emphasis on host characteristics in various groups, such as patients with neutropenia, stem cell transplantation, solid organ transplantation, HIV, iron overload, trauma, etc.

Course Programme

Friday, 2 March 2012

14.00 – 15.30

Changing epidemiology of invasive fungal infections

- *Candida*
- *Aspergillus*
- Emerging pathogens

16.00 – 18.00

Problems and progress in the diagnosis of IFIs

- When should the clinician suspect the presence of IFI?
- Early diagnosis with the aid of serological markers
- Molecular methods in the diagnosis of IFIs: How far have we advanced?
- Definitive diagnosis of invasive fungal infections: an elusive target

18.00 – 18.45

Correlation of *in vitro* susceptibility to clinical outcome

Saturday, 3 March 2012

09.00 – 10.30

Problems in treatment arising from the fungus

- Treatment of IFIs due to resistant strains of *Aspergillus*
- Treatment of IFIs due to *Scedosporium* and *Fusarium* species
- Treatment of IFIs due to *Cryptococcus*
- Treatment of IFIs due to Mucorales

10.30 – 12.00

Difficult to treat IFIs

- Fungal endocarditis
- Fungal infections of the CNS
- Osteoarticular fungal infections

12.30 – 14.00

Problems in treatment due to altered PK/PD

- Azoles: Are we under-treating our patient?
- Dosing of antifungals in patients with renal or hepatic failure
- PK/PD of antifungals in neonates and infants

15.00 – 16.30

Recent advances in the treatment of IFIs

- Activities of newer antifungals against *Candida* biofilms
- Combination of antifungals: an update
- Newer antifungals: what's in the pipeline

16.30 – 18.00

Patients at high risk of invasive fungal infections: when and how to treat

- *Candida* prophylaxis in critically ill patients

- *Aspergillus* sp. in bronchial secretions of ICU patients: when should we treat?
- Febrile neutropenia: pre-emptive or targeted treatment?

18.00 – 19.00

Interactive case presentations

19.00

Closing remarks

Organisation

Course Venue

Royal Olympic Hotel
28-34 Ath. Diakou
Athens 117 43
Greece
www.royalolympic.com

Registration Procedure

The registration form can be found on the ESCMID website at www.escmid.org/education.

Registration Fee

EUR 400 for ESCMID members, EUR 500 for all others
EUR 300 for PhD students

The fee includes attendance to lectures and interactive sessions, coffee breaks and lunches at the course venue, and the official course dinner. Accommodation and travel costs are not included.

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 9 January 2012. If there are more applicants than available grants, preference will be given to ESCMID members. Applicants will be informed about their acceptance by 27 January 2012.

CME Accreditation

The organiser of the course will apply for European CME accreditation through EACCME.