



### Target Audience

Medical doctors, scientists, clinical microbiologist or pharmacists, involved in diagnosis, prophylaxis and treatment of invasive fungal infections. Junior staff members are strongly encouraged to apply.

### Faculty Members

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Stig Frøland, Oslo, Norway  
Peter Gaustad, Oslo, Norway  
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## Contact

### Administrative Secretariat

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**Picture on titlepage:**  
Seaside view of Oslo

**Pictures backside:**  
Heads of *Aspergillus* and acridrin staining of *Aspergillus* in sinus aspirate by courtesy of Lonny Kløvfjell and Cecilie T. Andersen, Institute of Medical Microbiology, Oslo, Norway.



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## ESCMID Postgraduate Education Course

# Invasive Fungal Infections: Host – Pathogen Interactions

## Oslo, Norway 16 – 17 March 2010

Registered Society, Munich, Germany, No. 10956



## Invasive Fungal Infections: Host – Pathogen Interactions

### Organizers

- ESCMID Fungal Infection Study Group (EFISG)
- Antifungal Susceptibility Testing Subcommittee of the European Committee on Antimicrobial Susceptibility Testing (AFST-EUCAST)
- Nordic Society of Medical Mycology (NSMM)
- Rikshospitalet University Hospital and University of Oslo

### Course Coordinators

- Maiken Cavling Arendrup, Copenhagen, Denmark
- Peter Gaustad, Oslo, Norway
- Ingvild Nordøy, Oslo, Norway

### Course Objectives

The course will provide participants with a review on biological characteristics, including virulence factors, of the most common medically important fungi. In addition, you are updated on the host immune response to these pathogens and future perspectives will be discussed. This is presented with state-of-the-art lectures combined with shorter, more detailed presentations.

## Course Programme

What is a fungus?

- *Candida*
- *Aspergillus*
- *Pneumocystis jirovecii*
- *Cryptococcus*

Virulence factors in medically important fungi  
The immune response – a protective or pathogenic role?

- The first encounter: antigen recognition
- The innate immune response – the role of phagocytes
- The importance of T-cells and the various T-cell subsets
- B-cells and antibodies: only contributors to disease?

Vaccination and immunotherapy – the future?

## Organization

### Course Venue

Institute of Medical Microbiology, Rikshospitalet University Hospital, Sognsvannsveien 20, Oslo, Norway.

This course directly precedes the meeting of the Nordic Society of Medical Mycology.

### Application Procedure

The application form can be found on the ESCMID website at [www.escmid.org/education](http://www.escmid.org/education). Please return it to the course administrative secretariat by 1 February 2010.

### Registration Fee

EUR 250 for ESCMID / NSMM members  
EUR 300 for all others  
The fee includes the scientific sessions, printed course material, lunches and coffee breaks, social programme, but not travel and accommodation.

### Attendance Grants

ESCMID provides a number of attendance grants for young attendees (born in 1970 or later) covering the registration fee, but not travel or accommodation costs. Please apply via the ESCMID website at [www.escmid.org/education](http://www.escmid.org/education) before 15 January 2010. 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 2010.

### CME Accreditation

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