Target Audience
Up to 40 infectious disease, haematology, oncology, ICU specialists, paediatrics, clinical microbiologists, pharmacologists, pharmacists, who work or want to work in the field of fungal infection in critically ill patients.

Faculty Members
Jose M. Aguado, Madrid, Spain
Matteo Bassetti, Udine, Italy
Boris Böll, Cologne, Germany
Roger Brüggemann, Nijmegen, Netherlands
Oliver A. Cornely, Cologne, Germany
Blandine Denis, Paris, France
Stefan Haneder, Cologne, Germany
Martin Hoenigl, San Diego, USA / Graz, Austria
Philipp Köhler, Cologne, Germany
Katrien Lagrou, Leuven, Belgium
Cornelia Lass-Flörl, Innsbruck, Austria
Jacques Meis, Nijmegen, Netherlands
Sibylle Mellinghoff, Cologne, Germany
Jürgen Prattes, Graz, Austria
Volker Rickerts, Berlin, Germany
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Organisers
• ESCMID Fungal Infection Study Group (EFISG)
• ESCMID Study Group for Infections in Compromised Hosts (ESGICH)
• ESCMID Study Group for Critically Ill Patients (ESGCIP)

Course Coordinators
• Philipp Köhler, Cologne, Germany
• Oliver A. Cornely, Cologne Germany

Course Objectives
Medical advances continue to improve the prognosis of patients with cancer and other immunodeficiency. These developments benefit society greatly, but they also fuel the emergence of invasive fungal infections. This two-day symposium will describe the impact of fungal infections in critical care patients. Educational benefit will be the highly relevant discussion of the development of new definitions for fungal infections in ICU, diagnostics and treatment of the most prevalent and relevant fungal infections in critically ill patients. Upon completion of this course, participants will be able:
• To understand the epidemiology, risk factors and clinical pictures of the most prevalent fungal infections in critically ill patients
• To use appropriate diagnostic panels according to epidemiology and clinical presentation
• To decide on empiric, pre-emptive and targeted treatment
Course Programme

Monday, 23 November 2020

08:00 Arrival and registration
08:15 Welcome & Introduction to the course
   Philipp Köhler & Oliver Cornely
08:30 Defining invasive fungal infections in critical care – The FUNDICU project
   Matteo Basseti
09:15 State of the art and recent advances in the microbiological diagnosis of invasive fungal infections
   Cornelia Lass-Flörl
10:00 Coffee Break
10:30 Resistant fungi
   Jacques Meis
11:15 State of the art and recent advances in the diagnosis of invasive fungal infections – tissue diagnosis
   Volker Rickerts
12:00 Lunch
13:15 Fungus-reactive T cells
   Angela Steinboch
14:00 What the radiologist contributes – rational approach to imaging studies in the critically ill
   Stefan Haneder
14:45 Coffee Break
15:15 Fungal biomarkers to aid in individualized antifungal therapy
   Martin Haenigl
16:00 Treating your patients: which anti-fungal drug for which patient and why – a PK-based approach
   Roger Brügge mann
16:45 Posaconazole prophylaxis interacting with new drug classes – best practice
   Oliver Cornely
17:30 End of Day 1
17:30 – 22:00 Social event and dinner
22:00 End of course

Tuesday, 24 November 2020

08:00 Antifungal stewardship
   Jürgen Prattees
08:45 CAR – T Cell Therapies – a new risk population?
   Boris Böll
09:30 TKIs and Checkpoint Inhibition – challenges and pitfalls
   Sibylle Mellinghoff
10:15 Coffee Break
10:45 Candidaemia in Critical Care – what has changed?
   Katrien Lagrou
11:30 Critical Care Management of Influenza-associated Pulmonary Aspergillosis
   Philipp Köhler
12:15 Lunch Break
13:30 Mucormycosis in the critically ill
   Philipp Köhler
14:15 Update on Pneumocystis jirovecii pneumonia
   Blandine Denis
15:00 Coffee Break
15:30 Hands on: Grand rounds – present your own patient
   Jose M. Aguado
16:45 Concluding remarks and evaluation
   Philipp Köhler & Oliver Cornely
17:15 End of course

Course Venue
University of Cologne / University Hospital Cologne
Kerpener Str. 62
50937 Cologne, Germany

Registration Procedure
Register on the ESCMID website by 23 August 2020.

Registration Fee
EUR 500 for ESCMID members
EUR 600 for all others
The fee includes teaching material, coffee breaks, lunches and one social event. Travel and accommodation is not included.

Attendance Grants
ESCMID provides a number of attendance grants for ESCMID “young scientist members”. The grant covers the registration fee, but not travel or accommodation costs. Please apply via the ESCMID website before 3 July, 2020. Applicants will be informed about their acceptance by 23 July 2020.

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