

First International Middle East Course on Molecular Laboratory Diagnostics and Treatment of Clinically Important Yeasts

Organizers

Jointly organized by Hamad Medical Corporation, Department of Laboratory Medicine and Pathology, CBS Fungal Biodiversity Centre (CBS-KNAW), Utrecht, The Netherlands, and Canisius Wilhelmina Hospital, Department of Medical Microbiology and Infectious Diseases, Nijmegen, The Netherlands, in collaboration with ISHAM

Course venue

Hamad Medical Corporation, Doha, Qatar, 16-18 February 2011

Course Summary

The purpose of this course on yeast diagnostics is inform the participants on the progress made in the diagnostic methods of clinically important yeasts. This will be accomplished by presenting back ground information and practical's in order to highlight important and emerging practical methods and its routine use in clinical laboratories. The course combines conventional and molecular laboratory diagnostics and treatments of the most common medically important yeasts, with particular focus on the newly emerged yeast pathogens. This will be accomplished by state-of-the-art lectures combined with shorter, more detailed presentations, and practical's.

Audience

Medical doctors, scientists, clinical microbiologists, involved in diagnosis and treatment of yeast infections. Junior staff members are strongly encouraged to apply.

Registration Procedure

Please download the registration form and return it to the course administrative secretariat by 30 November 2010.

Registration Fee

150 \$ per participant

Organizers and Scientific committee

Dr Saad J. Taj-Aldeen: Mycology Unit, Division of Microbiology Department of Laboratory Medicine and Pathology, Hamad Medical Corporation, Qatar

Dr Jacques Meis: Department of Medical Microbiology and Infectious Diseases-Canisius Wilhelmina Hospital, Nijmegen, The Netherlands

Dr Corné Klaassen: Department of Medical Microbiology and Infectious Diseases-Canisius Wilhelmina Hospital, Nijmegen, The Netherlands

Dr. Teun Boekhout: Yeast and Basidiomycete Research, CBS Fungal Biodiversity Centre, Utrecht, The Netherlands

Bart Theelen: Yeast and Basidiomycete Research, CBS Fungal Biodiversity Centre, Utrecht, The Netherlands

Scientific Program

Day 1:

8.00-8.15: Registration

8.15-8.30: Opening ceremony, Welcome representative from Hamad Medical Corporation

8.30-9.10: Clinically important yeasts (Teun Boekhout, The Netherlands)

9.10-9.25: Coffee/tea break

9.25-10.05: Cryptococcosis in solid organ transplanted patients (Oliver Lortholary, Paris, France)

10.05-10.35: Conventional laboratory diagnosis of pathogenic yeasts and yeast-like fungi (*Trichosporon*, *Geotrichum*,) (Saad J. Taj-Aldeen, Qatar)

10.35-10.50: Coffee/tea break

10.50-11.25: Molecular epidemiology (Corné Klaassen, The Netherlands)

11.25-12.00: Introduction to molecular identification of yeasts (Bart Theelen, The Netherlands)

12.00-13.00: Prayer and lunch time

13.00-5.30: Practical sessions: Conventional yeast diagnostic methods and Antifungal susceptibility Testing (Yeast morphology, API/or Auxicolor, Chromagar, susceptibility etc.) (Jacques Meis, Teun Boekhout, Saad Taj-Aldeen)

Identification of yeasts by molecular methods (sequencing and realtime PCR) (Bart Theelen and Corné Klaassen)

Day 2:

8.00-8.40: Yeast antifungal Susceptibility Testing- CLSI and EUCAST (Jacques Meis, The Netherlands)

8.40-8.55: Coffee/tea break

8.40- 9.20: Treatment of Invasive Candida Infections (Muna Almaslamani, Qatar)

9.20-10.00: Global epidemiology of invasive Candida Infections";(Cornelia Lass-Flörl, Innsbruck, Austria)

10.00-10.15: Coffee/tea break

10.15-10.55: Are molecular methods useful in the diagnosis and management of invasive candidiasis (Suhail Ahmed, Kuwait)

10.55-11.30: Recent advances in the diagnosis of invasive candidiasis (Zia. Khan, Kuwait)

12-13.00: Prayer and lunch time

13.00-5.30: Continuation of practicals

Day 3:

8.30-9.30 Presentation of selected clinical cases by participants

9.30-12.30: Practical and certificates

Closing

Course Technicians

Mohammed Al-Sharshani
Haytham I Abou-Sido

Hiba Abochar
Foziyeh E. Nagi

Bebah Al-Khatib
Jemal M. Saleh