

Vallabhbhai Patel Chest Institute University of Delhi, Delhi



Organizing



Postgraduate Education Course

Antifungal Resistance in *Candida*
and *Aspergillus*: from Clinic to
Clinical Laboratory



Akshardham Temple, Delhi

Venue

Paintal Memorial Golden Jubilee Auditorium,
Vallabhbhai Patel Chest Institute, University of Delhi, Delhi, India
19-21 September, 2018

Chairman Organizing Committee

Prof. Raj Kumar

Director (Acting)

V. P. Chest Institute

University of Delhi, Delhi

Organizing Secretary

Prof. Anuradha Chowdhary

Department of Medical Mycology

V. P. Chest Institute

University of Delhi, Delhi

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WEDNESDAY 19th SEPTEMBER 2018

PROGRAM

08:00 - 18:00	Registration	
08:30 - 08:45	Welcome Note	Anuradha Chowdhary, India
08:45 - 09:00	Introduction to the ESCMID course	Jacques F Meis, Netherlands
09:10 - 10:45	SESSION I Chairpersons: Mahmoud A Ghannoum (USA) Lata Kapoor (India)	
09:15 - 09:45	<i>Candida</i> infections in ICU settings: Scenario in India and Asia	Purva Mathur, India
09:45 - 10:15	Antifungal susceptibility testing of <i>Candida</i> : Interpretation and challenges in microbiology laboratories	Maiken Cavling Arendrup, Denmark
10:15 - 10:45	Azole resistance in <i>Aspergillus fumigatus</i> : A global scenario	Jacques F Meis, Netherlands
10:45 - 11:00	Coffee/tea break	
11:00 - 12:30	SESSION II Chairpersons: Jacques F Meis (NL) Immaculata Xess (India)	
11:00 - 11:30	Echinocandin resistance and detection of resistance mechanisms in <i>C. glabrata</i> : Is routine surveillance required in clinical laboratories	Yanan Zhao, USA
11:30 - 12:00	MDR <i>Candida auris</i> : A new kid on the block	Anuradha Chowdhary, India
12:00 - 12:30	How I treat patients with suspected invasive fungal infections	Brijesh Sharma, India
12:30 - 14:00	LUNCH	

14:00 - 16:00	SESSION III Chairpersons: Ana Alastruey-Izquierdo (Spain) Anil V Kumar (India)	
14:00 - 14:30	Global epidemiology and antifungal susceptibility of <i>Aspergillus terreus</i>	Cornelia Lass-Flörl, Austria
14:30 - 15:00	Epidemiology of <i>Candida</i> in ICU settings in Europe	Katrien Lagrou, Belgium
15:00 - 15:30	Establishment and use of epidemiological cutoff values for molds and yeasts	Mahmoud A Ghannoum, USA
15:30 - 16:00	New antifungals in the pipeline	Oliver A Cornely, Germany
16:00 - 16:15	Coffee/tea break	
16:15 - 17:45	SESSION IV Chairpersons: Cornelia Lass-Flörl (Austria) Rama Choudhary (India)	
16:15 - 16:45	MALDI-TOF application in antifungal susceptibility testing in <i>Candida</i>	Markus Kostrzewa, Germany
16:45 - 17:15	Antifungal resistance in rare and cryptic <i>Aspergillus</i> species	Ana Alastruey Izquierdo, Spain
17:15 - 17:45	Antifungal susceptibility testing : Challenges in microbiology laboratories in India	Anil V Kumar, India
18:00 - 18:30	Inauguration ceremony	
19:00 Onwards	Dinner at the Maidens-Oberoi	

THURSDAY 20th SEPTEMBER 2018

WORKSHOP

Supervision: Maiken Cavling Arendrup
Anuradha Chowdhary

09:00 - 12:00	Antifungal susceptibility testing of <i>Candida</i> by CLSI and EUCAST
09:00 - 10:30	a) Antifungal susceptibility testing of <i>Candida</i> by CLSI
10:30 - 10:45	Coffee/tea break
10:45 - 11:15	b) Antifungal susceptibility testing of <i>Candida</i> by EUCAST
11:15 - 12:00	c) Visualization and Interpretation of minimum inhibitory concentration
12:00 - 14:00	Lunch
14:00 - 15:30	a) Screening of azole resistance in drug containing media
15:30 - 15:45	Coffee/tea break
15:45 - 17:00	b) Antifungal susceptibility testing by EUCAST of <i>Aspergillus</i> species

FRIDAY 21st SEPTEMBER 2018

WORKSHOP

Supervision: Anuradha Chowdhary Yanan Zhao	
09:00 - 12:00	Cyp51A sequencing in azole resistant <i>Aspergillus fumigatus</i>
09:00 - 10:30	a) Cyp51A: Introduction and role in <i>Aspergillus fumigatus</i>
10:30 - 10:45	Coffee/tea break
10:45 - 12:00	b) Cyp51A: Sequencing and analysis of data
12:00 - 14:00	Lunch break
14:00 - 17:00	FKS and ERG11 sequencing of <i>Candida glabrata</i> and <i>C. auris</i>
14:00 - 15:30	a) FKS and ERG11: Introduction and role in <i>Candida glabrata</i> and <i>C. auris</i>
15:30 - 15:45	Coffee/tea break
15:45 - 17:00	b) FKS and ERG11: Sequencing and analysis of data

INVITED SPEAKERS

Prof. Ana Alastruey-Izquierdo, Mycology Reference Laboratory, National Centre for Microbiology, Instituto de Salud Carlos III, Madrid, Spain.
anaalastruey@isciii.es

Prof. Maiken Cavling Arendrup, Unit of Mycology and Parasitology, Microbiology & Infection Control, Statens Serum Institut, Copenhagen, Denmark. maca@ssi.dk

Prof. Anuradha Chowdhary, Department of Medical Mycology, Vallabhbhai Patel Chest Institute, University of Delhi, Delhi, India.
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Prof. Oliver A Cornely, Department of Internal Medicine, Clinical Trials Centre Cologne, ZKS Köln, University of Cologne, Cologne, Germany.
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Prof. Mahmoud A Ghannoum, Director, Center for Medical Mycology, Case Western Reserve University and University Hospitals Cleveland Medical Center, Ohio, USA. mahmoud.ghannoum@uhhospitals.org

Dr. Markus Kostrzewa, Vice President, Microbiology & Diagnostics R&D, Bruker Daltonik GmbH, Bremen, Germany. markus.kostrzewa@bruker.com

Dr. Anil Kumar, Department of Microbiology, Amrita Institute of Medical Sciences, Ponekara, Kochi, Kerala India. vanilkumar@aims.amrita.edu

Dr. Katrien Lagrou, Clinical Department of Laboratory Medicine, Department of Microbiology and Immunology, KU, Leuven, Belgium.
katrien.lagrou@uzleuven.be

INVITED SPEAKERS

Prof. Cornelia Lass-Flörl, Director, Division of Hygiene and Medical Microbiology, Medical University of Innsbruck, Innsbruck, Austria.
Cornelia.Lass-Floerl@i-med.ac.at

Prof. Purva Mathur, Lab Medicine Department, Jai Prakash Narayan Apex Trauma Centre, AIIMS, Delhi, India. purvamathur@yahoo.co.in

Dr. Jacques F Meis, Medical Microbiology and Infectious Diseases, Regional Public Health Laboratory Service, Weg door Jonkerbos, Nijmegen, Netherlands & Center of Expertise in Mycology, Radboud UMC/CWZ Nijmegen, Netherlands jacques.meis@gmail.com

Prof. Brijesh Sharma, Department of Medicine, PGIMER and Dr. Ram Manohar Lohia Hospital, New Delhi, India. brijsushma@gmail.com

Dr. Yanan Zhao, International Center for Public Health, Rutgers University, New Jersey, USA. zhaoy1@njms.rutgers.edu

