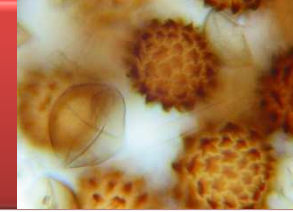


Medical Mycology Course 2019

Institut Pasteur - Paris

March 18 - April 12, 2019



CO-DIRECTORS: Dea Garcia-Hermoso, PhD & Olivier Lortholary, MD-PhD

Language: English

Head of Practical Sessions: D. Garcia-Hermoso

Audience: Microbiologists (MDs, PharmDs, PhDs & veterinarians)

Requirements: Technical skills in microbiology

Lectures, bench sessions & informal panel discussions will cover various aspects

TECHNICAL: choice of media, slide cultures, storage of isolates, molecular diagnosis and identification (PCR, qPCR, sequencing, MALDI-TOF), typing techniques (microsatellite, MLST), antifungal susceptibility testing (CLSI/EUCAST microbroth dilution methods, commercially available tests), antigen/antibody detection, histopathology

PRACTICAL: spectrum of action and pharmacokinetics/dynamics of antifungal drugs, role of the laboratory in the diagnosis and monitoring of patients (direct examination, histopathology, antigen detection, antifungal susceptibility testing results, qPCR...), use and limitation of public and specific databases for molecular identification, discussion of clinical cases

FUNGAL: sexual and asexual reproduction, phylogeny, species identification, resistance mechanisms

MEDICAL: epidemiology, diagnostic criteria for infections due to common and emerging yeasts or filamentous fungi (including invasive and mucocutaneous infections, endemic mycoses), principles of therapeutic management, practical guidelines

Expected lecturers: A. Alanio (France), M. Arendrup (Denmark), T. Boekhout (The Netherlands), S. Bretagne (France), T. Calandra (Switzerland), A. Carvalho (Portugal), O. Cornely (Germany), M. Cuenca-Estrella (Spain), C. d'Enfert (France), J. Dupont (France), F. Dromer (France), J.-P. Gangneux (France), D. Garcia-Hermoso (France), J. Guillot (France), R. Hay (UK), V. Jullien (France), G. Jouvion (France), F. Lanternier (France), C. Lass-Flörl (Austria), F. Lamoth (Switzerland), O. Lortholary (France), J. Maertens (Belgium), P. Munoz (Spain), R. Piarroux (France), J. Quintin (France), M. Richardson (UK), V. Robert (The Netherlands), D. Sanglard (Switzerland), M. Sanguinetti (Italy), A. Stchigel (Spain), P. Verweij (The Netherlands).

Number of students: 20

Online registration: <https://www.pasteur.fr/medical-mycology>

Closing-date for applications: December 20th, 2018



Institut Pasteur