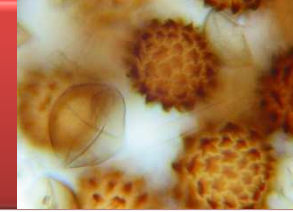


# Medical Mycology Course 2019

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**



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