



1st Workshop

Fungal infections:
from epidemiology to treatment.
Theoretical and practical aspects

2-5 October 2019

Faculty of Biology,
National and Kapodistrian
University of Athens, Greece



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National and Kapodistrian
University of Athens
Faculty of Biology



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ORGANIZING COMMITTEE

Stavroula Antonopoulou, MD PhD, Senior Consultant in Medical Biopathology, Department of Microbiology, General Hospital "G. Gennimatas", Athens, Greece.

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Joseph Meletiadis, Assistant Professor of Microbiology, Medical School, National and Kapodistrian University of Athens, Athens, Greece.

PROGRAMME

Wednesday – October 2

Biology of fungi

16:00-17:00	Registration
17:00-17:30	Welcome
17:30-18:30	PLENARY LECTURE: Trends in Medical Mycology: "old" stuff and new kids on the block (T. Berkhout)
18:30-19:00	Taxonomy of fungi (Z. Gonou)
19:00-19:30	Phylogenesis and genome analysis of fungi (B. Kouvelis)
19:30	Welcome reception

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Thursday – October 3

Yeast infections

09:00-09:30	Superficial, mucosal and invasive candidiasis (D. Karageorgopoulos)
09:30-10:00	Clinical manifestations and treatment of vulvovaginal candidiasis (E. Pitsouni)
10:00-10:30	Immunity to <i>Candida</i> vaginitis (F. De Bernardis)
10:30-11:00	Clinically relevant basidiomycetous yeasts (T. Berkhout)
11:00-11:30	Coffee break
11:30-12:15	Conventional and molecular diagnosis of yeast infections (S. Antonopoulou)
12:15-13:00	Identification and antifungal susceptibility testing of common <i>Candida</i> spp. (M. Arendrup)
13:00-14:00	Light lunch
14:00-16:30	BENCH-WORK. How to identify common <i>Candida</i> spp. and determine their susceptibility to antifungal drugs (H. van der Lee, L. Kanioura)
16:30-17:30	Determine the MIC. Interactive session (M. Arendrup)

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Friday – October 4

Mould infections

09:00-09:45	Identification and antifungal susceptibility testing of Dermatophytes (M. Arendrup)
09:45-10:15	Non-invasive <i>Aspergillus</i> infections (C. Cosmidis)
10:15-10:45	Invasive mould infections (N. Sipsas)
10:45-11:15	Immunopathogenesis of aspergillosis (G. Chamilos)
11:15-11:45	Coffee break
11:45-12:15	Mucormycosis
12:15-12:45	Conventional and molecular diagnosis of mould infections
12:45-13:30	Identification and antifungal susceptibility testing of <i>Aspergillus</i> and other non-dermatophyte moulds (P. Verweij)
13:30-14:30	Light lunch
14:30-17:00	BENCH-WORK. How to identify moulds and determine susceptibility to antifungal drugs? (H. van der Lee, L. Kanioura)
17:00-18:00	Find the fungus. Interactive session (P. Verweij)

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Saturday – October 5

Dermatomycosis

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| 09:00-10:00 | Dermatophytes: classical/molecular diagnosis and the march of taxonomy (M. Arabatzis) |
| 10:00-10:30 | The skin mycobiome member <i>Malassezia</i> is associated with skin diseases (A. Velegraki) |
| 10:30-11:00 | <i>Malassezia</i> genus, a source of bioactive metabolites (P. Magiatis) |
| 11:00-11:30 | Coffee break |
| 11:30-12:00 | Raman spectroscopy for translational diagnostics in mycology (N. Kourkoumelis) |
| 12:00-12:45 | PK and PD of antifungal drugs (J. Meletiadis) |
| 12:45-13:15 | Concluding remarks – closure of the workshop |

SPEAKERS

Antonopoulou Stavroula, MD PhD, Senior Consultant in Medical Biopathology, Department of Microbiology, General Hospital "G. Gennimatas", Athens, Greece.

Arendrup Maiken Cavling, Prof. MD, PhD, Dr. Med. Sci., ESCMID Fellow Dept. Clin Microbiology, Rigshospitalet, Copenhagen University, Unit of Mycology, Dept. Microbiology & Infection Control, Statens Serum Institut.

Bernardis Flabia De, Department of Infectious Diseases, Istituto Superiore di Sanita, Roma, Italy.

Boekhout Teun, Professor, Westerdijk Fungal Biodiversity Institute, The Netherlands and Institute of Biodiversity and ecosystem Dynamics, University of Amsteda, Amsterdam, The Netherlands.

Chamilos Georgios, MD, IMBB Group Leader, Associate Professor, Head of Clinical Microbiology and Microbial Pathogenesis Lab, School of Medicine, University of Crete, Greece.

Gonou-Zagou Z., Ph.D., Mycologist, Assistant Professor, National & Kapodistrian University of Athens Faculty of Biology Dept. of Ecology & Systematics, Greece.

Karageorgopoulos Drosos, Consultant in Infectious Diseases and Internal Medicine, 4th Department of Medicine, National and Kapodistrian University of Athens, Attikon General Hospital, Athens, Greece.

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Kosmidis Chris, Senior Lecturer in Infectious Diseases, Division of Infection, Immunity and Respiratory Medicine, University of Manchester, UK.

Kouvelis Vassilis, Ph.D, Assist. Professor Dept. Genetics and Biotechnology Faculty of Biology, National and Kapodistrian University of Athens, Greece.

Kourkoumelis Nikolaos, Faculty of Medicine, Department Medical Physics, School of Health Sciences, University of Ioannina, Greece.

Meletiadis Joseph, Assistant Professor of Microbiology, Medical School, National and Kapodistrian University of Athens, Athens, Greece.

Sipsas Nikolaos, MD, FIDSA, Professor, Department of Pathophysiology, Medical School, National and Kapodistrian University of Athens, Greece, Attending Physician, Internal Medicine Department Head, Infectious Diseases Unit and Infection Control Committee General Hospital of Athens Laiko, Greece.