

Did you know that the global prevalence of fungal diseases is increasing due to increase in susceptible patients (cancer therapies, organ transplantation, chronic lung diseases) and possibly due to climate change? At the same time the number of people with expertise in fungal diseases is globally historically low.

Did you know that over 300 million people are affected by serious fungal infections worldwide and over 1.3 million people die from one every year?

Who is this MSc for?

If you want to learn to understand the pathogenesis, diagnostics and management of infections in a greater depth and become familiar with scientific techniques & methods of research – this MSc is for you!

Did you know that fungal infections are a highly under-diagnosed disease entity with a global mortality similar to that of malaria?

What is the course structure?

Eight 3-week taught units (four mycology specific units following four units with the other two UoM microbiology MSc courses) plus a 12-week research project.

Unit 1
Research methods

Unit 2
Principles of Microbiology

Unit 3
Understanding Infection

Unit 4
Fungal Disease

Unit 5
Molecular Diagnostics

Unit 6
Diagnostic Mycology

Unit 7
Antifungal therapy

Unit 8
Global Health and Epidemiology

Research and Development project

What do I get out of this?

- Excellent training in fungal diagnostics: old and modern
- Insight to a spectrum of fungal diseases
- An in-depth understanding of antifungal drugs and how they are used

Who will teach and supervise me?

- Faculty consists of 6 professors, 12 clinical and basic scientists and 5 clinicians
- You will be assigned a Personal Tutor and a Supervisor for your research project

Medical mycology is highly relevant in a wide range of specialties including respiratory medicine, clinical microbiology, infectious diseases, haematology, oncology & transplant medicine

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