

## Host-Fungus Interactions and Virulence: One health Approach

(May 2024)

**Subject:** Participation in the Blended Intensive Programme (BIP) on Host-Fungus Interactions and Virulence: One health Approach

Dear Colleague,

We are organizing a blended intensive course on Host-Fungus Interactions and Virulence, considering the One Health Approach, that will be held in May 2024 at the University of Minho, Braga, Portugal. This course is scheduled for two weeks and is supported by Erasmus+ Program. Students with interest in host-fungus interactions can participate and will be eligible for an Erasmus grant for one week of presential attendance at our University. The course was design for postgraduated students, and we are inviting students from various universities to attend.

The topics adressed will be:

Theoretical programme

- Introduction to Fungal Diseases and One Health issues
- Epidemiology of Fungal Diseases and environmental changes
- Diagnosis and treatment of fungal infections
- Fungal virulence factors and host-pathogen interactions
- Introduction to next-generation sequencing methods for studying fungal genetic variations

Laboratory classes programme

- Use of PCR to identify different fungal species
- In vitro model of macrophage-like cell lines to study host-fungus interactions

This letter serve to inquire if these are students in your department or faculty who would benefit from this course and if they are willing to attend and get to know our University and experience our city.

With our best regards, we thank you for your attention and are at your disposal for any further information.

Sincerely,

Paula Sampaio

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**Contacts:**

Paula Sampaio [psampaio@bio.uminho.pt](mailto:psampaio@bio.uminho.pt) +351 253601546  
ORCID ID: <https://orcid.org/0000-0002-1415-4428>

Ricardo Franco-Duarte [ricardofilipeduarte@bio.uminho.pt](mailto:ricardofilipeduarte@bio.uminho.pt)  
ORCID ID: <https://orcid.org/0000-0002-2333-6127>