

## About

In Europe - unlike in the USA - there have been very few practical courses on human fungal pathogens. As there are many laboratories in Europe working on these fungal pathogens, it is important that we can provide a platform for training of the students working in these labs. In our course, we will not only focus on molecular biology, but we will also address host-pathogen interactions by teaching state-of-the-art infection models and techniques to assess the immunological response of the host. These studies are essential for the understanding of the role that the immune system plays in both the prevention and development of fungal infections. Throughout this course, the participants will learn to use different models of host-fungus interaction both *in vitro* and *in vivo*.

In addition, different experts in the field will give lectures to amend the subject with additional scientific aspects that cannot be covered in the course, but are related to the topic. These renowned scientists will stay for a few days at the course so there is plenty of time to interact with them. We hope that this will result in future collaborations between the participants and these top scientists.

This course would not be possible without the strong support from FEBS. FEBS not only partially funds the course, but they also provide a number of grants (Youth Travel Funds, YTF) for participants that are member of a national FEBS Constituent Society. All participants which do not receive a YTF grant will need to cover travel and registration fee from other sources. Applications to other travel grants is therefore highly recommended.

The course is mainly open to PhD students and Postdocs, but group leaders who want to incorporate some of the techniques in their personal research are also welcome to apply.