



CENTRE HOSPITALIER UNIVERSITAIRE VAUDOIS

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PhD student position available to study the fungal pathogen *Candida albicans*

A PhD student position is immediately available at the **Institute of Microbiology (IMUL)** of the University of Lausanne and University Hospital Center to investigate **antifungal drug tolerance mechanisms** in the fungal pathogen *Candida albicans* in animal models. *C. albicans* is known to develop resistance to all available antifungal agents, however much less is understood on the capacity of this pathogen to survive in the presence of these drugs (antifungal tolerance) (1). The project is funded by the **Swiss Research National Foundation**. The project will use several omics approaches to address antifungal tolerance in *C. albicans* and will include animal model of infections. The candidate should possess good skills in Microbiology and Molecular Biology. Experience in bioinformatics, mammalian cell cultures and animal models will be an advantage but is not a prerequisite for the application. Applicants can send a CV, a letter of motivation and 3 letters of recommendation to:

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1. **Delarze E, Sanglard D.** 2015. Defining the frontiers between antifungal resistance, tolerance and the concept of persistence. *Drug Resist Updat* **23**:12–19.