



PhD position in the LeibundGut-lab

“The contribution of fungi to the pathogenesis of atopic dermatitis”

PROJECT DESCRIPTION:

Our lab studies the interaction between fungal opportunistic pathogens and their mammalian host as well as the immune mechanisms directed against fungi. In this project we will explore the contribution of fungi to inflammatory skin disorders such as atopic dermatitis. Despite the high incidence of atopic dermatitis in children and adults, the factors causing disease are not well understood. Infectious agents, and in particular the yeast *Malassezia*, which lives constitutively on the mammalian skin, have recently gained attention as a potential trigger of atopic dermatitis. The main goal of this project will be to decipher the cellular and molecular mechanisms of the host that keep fungal growth under control and to dissect how the antifungal immune response can drive immunopathology if dysregulated.

WHAT WE OFFER:

A 3- to 4-year PhD project with a flexible starting date (preferably no later than spring 2018). We are a small team of immunologists and infection biologists, currently comprising 3 postdocs, 3 PhD students, 1 Technician and 1 MSc student. Our lab is located at the Vetsuisse Faculty of University of Zürich. We are associated with the Institute of Experimental Immunology of University of Zürich (based at the Irchel campus just 5 minutes walking distance away). For further details please visit: <http://www.vetvir.uzh.ch/en/Research/Immunology>
PhD students in the LeibundGut-lab are part of the Microbiology and Immunology (MIM) PhD program of the Life Science Graduate School Zürich and registered at the Science Faculty of the University of Zürich.

WHAT WE EXPECT:

We are looking for an excellent and highly motivated new colleague with experience in cellular immunology and a strong interest in infection biology and immunology research. Experience with multicolor flow cytometry, cell culture and mouse experimentation would be an asset. Are you dedicated, hardworking and team player? Are you committed to actively contribute to an inspiring scientific environment? Are you looking for a PhD position in an exciting new research area of infection immunology? Then you may apply for this position by sending your complete application including your CV, a letter of motivation and the name of two references to:

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