



Postdoctoral position

Mechanisms of Inflammation

The University of Lausanne is a higher teaching and research institution composed of seven faculties where approximately 14,300 students and nearly 3,900 collaborators, professors, and researchers work and study. Ideally situated near Lausanne's city center, its campus brings together over 120 nationalities.

A postdoctoral position is available in the laboratory of Prof. **Fabio Martinon** in the Department of Biochemistry, **University of Lausanne (UNIL)**, Switzerland. The Martinon lab investigates the mechanisms of inflammation **in the context of autoinflammatory diseases and sterile inflammation**. For more information on the lab and the research team, please visit: <https://www.unil.ch/ib/home/menuinst/research/martinon-fabio.html>

Job information

Expected start date to be agreed.

Contract duration: 1 year, renewable 2 x 2 years, maximum 5 years.

Employment rate: 100%

Your Profile

We seek a postdoctoral candidate interested in studying the **regulation of inflammasomes**, a family of signaling complexes that detect cellular perturbations to promote inflammation.

This project is supported by a grant from the Swiss National Science Foundation. The aim is to elucidate molecular mechanisms and pathways that drive inflammation in inherited diseases, define the signaling components that are essential and address the physiological relevance of these components in autoinflammation. The successful applicant will be able to use state-of-the-art approaches in biochemistry, molecular biology, and cell biology, including proteomics, flow cytometry, and CRISPR/Cas9-based screening technologies.

Your qualifications

The successful applicant should have a Ph.D. degree in biological sciences, a **background in innate immunity, immunology, or inflammation**, and ideally, be familiar with biochemical and cell biology techniques. Furthermore, the candidate should be **highly motivated, self-driven, be able to work well in a team as well as independently**. Good communication skills in English are essential.

What the position offers you

The Biochemistry Department offers an exciting and enthusiastic work environment with excellent infrastructure, including core facilities for imaging, FACS, proteomics, animal experimentation and a solid national and international collaboration network. The laboratory is located at the CLE&Biopole campus, a creative and inspiring research environment with strengths in immunology, infectious diseases and cancer. The successful candidate will benefit from daily interactions with highly accomplished scientists.

Your application

Deadline: 18.05.2021

Applications should include a cover letter with a statement of research interests and qualifications for the position, a complete CV, and the names of two academic references.

Please send your complete application in one PDF file to Fabio.Martinon@unil.ch

UNIL is committed to promoting gender equality and strongly encourages applications from female candidates.