

Post-Doctoral Position in signal transduction in mammalian cells

A post-doctoral position is available at the Faculty of Biology and Medicine at the university of Lausanne in the groups of Prof. Pelet (Dept. of Fundamental Microbiology) and Prof. Dotto (Dept. of Biochemistry).

The Pelet lab has developed novel biosensors to quantify MAPK signaling in single yeast cells. The aim of the project is to transfer this technology to mammalian cells. Using expertise of the Dotto group, we plan to use these reporters to study the interplay between Notch and MAPK signaling in the context of cancer development. The position is initially funded for two years from an FBM interdisciplinary grant.

Applicants should hold a PhD in biological science with prior experience in mammalian cell culture, signal transduction and microscopy. The candidates should be highly motivated to learn new experimental techniques and computational methods to quantify signal transduction.

Application, including a cover letter describing your research experience and your interests, a CV including a list of publications and the contact information of 2 references, should be sent to: serge.pelet@unil.ch