

**PhD or MD-PhD student position available**

**Earlier starting date** : 01/10/2019

**Financing** : funding available, independently of a fellowship

**Thesis directors**: Dr. F. Kuonen/Prof. M. Gilliet (UNIL-CHUV)

**Department** : Dermatology (UNIL-CHUV)

**Topic**: Cancer biology

**Lab topic**: Epigenetic landscape and master regulators of non-melanoma skin cancers progression

Using high-throughput sequencing techniques (RNA-, ATAC- and CHIP-sequencing) and computational modelling, we attempt to identify the transcription factors/epigenetic regulators of non-melanoma skin cancer progression. Our main interest is the study of the epigenetic mechanisms implicated in tumor plasticity and resistance to targeted therapy, with an emphasis on translational validation in both preclinical (mouse genetic models) and clinical (human samples) models.

If interested please contact : [francois.kuonen@chuv.ch](mailto:francois.kuonen@chuv.ch)