

A postdoctoral position is available in the field of imaging/cancer biology/immunology

This position is at the interface between industry and academic research, and based at the Friedrich-Miescher Institute of the Novartis Research Foundation (www.fmi.ch) and at the Novartis Institute of Biomedical Research (www.nibr.com) in Basel, Switzerland.

The successful candidate is expected to play a key role in the launch of a novel **intravital multiphoton microscopy** facility at the Special Microscopy Application Unit of the FMI, and will explore the **dynamics of tumor-stroma crosstalk** within the tumor, and within the tumor-draining lymph node.

Both host labs are interested in the plasticity, migration patterns and immunological role of fibroblastic stroma cells, macrophages and lymphocytes, and use state-of-the-art cell biological, immunological and imaging techniques.

The ideal candidate should have solid expertise with in vivo cancer models, flow cytometry, and advanced light microscopy. Experience in lymphocyte biology is highly desired, and programming skills (e.g. MatLab) are an asset. Applicants should have completed their Ph.D. or M.D. training with a strong publication record. The position requires excellent communication skills and the motivation to work independently. Eligible candidates should be less than 3 years after their PhD or MD.

The FMI is an international biomedical research center with 300 members pursuing fundamental research in the areas of Cell Growth and Signaling, Epigenetics and Neurobiology. The microscopy and imaging core facility is host to several confocal microscopes as well as a large number of other fluorescent microscopes. The facility has three full-time employees who are experts in image acquisition and image analysis and work together with several companies to test the latest techniques in microscopy.

Applications should be submitted electronically to tobias.junt@novartis.com and bentires@fmi.ch and include a CV, research experience, motivation letter and the names of three referees.