



A **postdoctoral position** is available in the laboratory of Dr. Mohamed Bentires-Alj at the Friedrich Miescher Institute (FMI) in Basel, Switzerland.

The Bentires-Alj lab focuses on:

• **Basic research:**

- Biochemical and cell biological mechanisms of **breast cancer** initiation and progression: tumor initiating cells, metastasis, protein-tyrosine **phosphatases**, alterations of the **PI3K pathway**.
- Molecular mechanisms of the crosstalk between **normal and neoplastic breast cells** with the **stroma**

• **Translational research:**

- Mechanisms of **resistance to targeted therapy**
- **Intravital imaging** of the metastatic process and of response to therapy

We apply a **multidisciplinary approach**: mouse models, HMECs, 3D-cell co-cultures, FACS, proteomics, intravital imaging, shRNA libraries...

The candidate should have a PhD, be **highly motivated** and have a strong interest in the molecular and cellular details of breast cancer.

The **FMI is an international institute** pursuing basic problems in biomedical research, with access to cutting-edge core facilities.

**Applications should be submitted electronically to [bentires@fmi.ch](mailto:bentires@fmi.ch) and include a CV, research experience, statement of research objectives and three letters of recommendation.**

<http://www.fmi.ch/bentires-ali.m/>