

Departement  
**Biomedizin**  
Basel



## Job Advertisement:

### Postdoc position in cancer immunotherapy

100%, Start in October 2022

A postdoc position is available in the laboratory of Professor Momo Bentires-Alj (<https://bentireslab.org/>) at the Department of Biomedicine (DBM) in Basel, Switzerland. The successful candidate will work on primary cancer tissue and use a variety of single cell OMICs to assess mechanisms of action of immunotherapy.

Selected publications of our lab include: 1- *PIK3CA*<sup>H1047R</sup> induces multipotency and multi-lineage mammary tumors. Koren S, *et al.*, Nature 2015. 2- Hippo kinases LATS1/2 control human breast cell fate via crosstalk with ER $\alpha$ . Britschgi A, *et al.*, Nature 2017. 3. Glucocorticoids promote breast cancer metastasis. Obradović MMS, *et al.* Nature 2019. 4. Hepatic stellate cells suppress NK cell sustained breast cancer dormancy. Correia AL, *et al.*, Nature 2021.

#### Your tasks:

The successful candidate will work on molecular and cellular mechanisms underlying cancer response to immunotherapy using patient tissue and derived organoids, heterotypic cultures, humanized mouse models, and a variety of single cell OMICs and molecular and cellular biology approaches.

#### Your profile:

A **strong experience in immunology**. Expertise in single cell OMICs, 3D heterotypic cultures, and/or mouse work is a plus. The candidate should be **well-organized, highly motivated, a team player**, and must be fluent in English.

#### We offer you:

A stimulating, challenging and interdisciplinary translational research environment, state-of-the-art technologies and core facilities, and attractive employment conditions. The **DBM is an international institute** pursuing basic, translational and clinical research, with access to cutting-edge core facilities.

**Lab website:** <https://bentireslab.org/>.

#### Applications/contact:

Please send your CV, a summary of your research experience and interests, techniques that you are competent in, and the contact details of three referees. to **Nathalie Laschet**: [Nathalie.laschet@unibas.ch](mailto:Nathalie.laschet@unibas.ch)

**Application deadline:** applications will be reviewed as they arrive.