



Job Advertisement: Research associate position

100%, Start in January 2020

A research associate 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 breast cancer and metastasis using mouse models.

Selected publications of our lab include: 1- Cessation of CCL2 inhibition accelerates breast cancer metastasis by promoting angiogenesis. Bonapace L, *et al.*, Nature 2014. 2- *PIK3CA*^{H1047R} induces multipotency and multi-lineage mammary tumors. Koren S, *et al.*, Nature 2015. 3- Hippo kinases LATS1/2 control human breast cell fate via crosstalk with ER α . Britschgi A, *et al.*, Nature 2017. 4. Glucocorticoids promote breast cancer metastasis. Obradović MMS, *et al.* Nature 2019.

Your tasks:

The tasks include: a) Manage our breast cancer patient-derived xenograft (PDX) collection and support researchers with projects on mouse models of metastasis (80%); b) preparing animal permits (10%), and c) helping with general lab tasks (10%).

Your profile:

A **strong experience in mouse models of cancer** (PDX, transplantations, documentation, *in vivo* imaging) **and** expertise in molecular/cellular biology (e.g., PCR, cell culture). Expertise in immunology (e.g., FACS, immunophenotyping) 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 and three letters of recommendation to **Xiomara Banholzer**: xiomara.banholzer@unibas.ch

Application deadline: applications will be reviewed as they arrive.