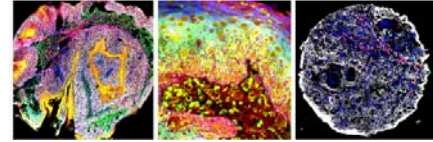


**OPEN POSITION:**



**POSTDOCTORAL RESEARCHER**  
**@ the Department of Dermatology / Medical University of Vienna / Anna Spiegel Center of Translational Research**

The Lichtenberger Lab at the Department of Dermatology, Medical University of Vienna, is seeking to recruit a highly motivated postdoctoral research associate for a fulltime position (40h/w). We offer the opportunity to work in an excellent, multidisciplinary environment in a modern research building within the MedUniWien/AKH campus in Vienna, Austria.

**The Project:**

Our lab has established a molecular and cellular map of human melanoma and non-melanoma skin cancer by scRNA-Seq in order to deconstruct the intercellular crosstalk between cancer and stroma cells with a primary focus on cancer-associated fibroblasts (CAFs). With this molecular atlas we have not only found novel targets for anti-cancer therapy, but have also identified several CAF subsets, for which we predict distinct functions according to their expression profiles. The aims of your project will be to establish patient-derived cancer organoids (PDOs) from skin cancer biopsies comprising both cancer and stroma cells (i) to develop a living biobank and an *in vitro* drug screening pipeline for novel targets as well as for the development of personalized cancer treatments, and (ii) to dissect how distinct CAF subsets affect PDO growth, and how they interact with immune cells to modulate the response to checkpoint inhibitors. Furthermore, we aim at establishing a panel of biomarkers for imaging mass cytometry (IMC) analysis as a novel tool for rapid routine diagnostic analysis of paraffin-embedded cutaneous tumor tissues to predict patient prognosis and therapy outcome.

**About us:**

We are a small and highly enthusiastic team of researchers at the Department of Dermatology of the Medical University of Vienna based at the Anna Spiegel Center of Translational Research. We use a wide range of state-of-the-art *in vivo* and *in vitro* techniques including two- and three-dimensional tissue culture, flow cytometry and confocal fluorescence microscopy, mass cytometry imaging and single cell sequencing to dissect the role of distinct fibroblast subsets in skin physiology and pathology. For more information, please visit our webpage!

<http://www.lichtenbergerlab.org/>

**Requirements:**

The applicant should hold a PhD in life sciences with at least one significant first author publication. Expertise in molecular biology techniques and tissue culture, histology and imaging, flow cytometry and *in vivo* work with mouse models would be an asset. Experience in single cell transcriptomic analysis is strongly preferred. The applicant should be a good team player, have an excellent work ethic, excellent written and verbal communication skills, demonstrate critical thinking and independent problem-solving abilities.

Starting Date: ASAP

**How to apply:**

Please send a cover letter highlighting your past research experience, your research interests and career goals, and your CV with two to three reference contacts to:

[beate.lichtenberger@meduniwien.ac.at](mailto:beate.lichtenberger@meduniwien.ac.at)