

Postdoctoral position in cancer research

Our group at the University Children's Hospital (UKBB) & Department of Biomedicine (DBM), University of Basel functionally studies genetic alterations that are involved in the development, maintenance and relapse of acute myeloid leukemia (AML). We use mouse leukemia models to study the cellular and molecular mechanisms of AML initiation and maintenance (Stavropoulou *et al.* Cancer Cell, 2016; Lopez *et al.*, Cancer Discovery, 2019, Forte *et al.*, Cell Metabolism, 2020; Leonards *et al.*, Nat Commun 2020, Piqué *et al.*, Blood 2023).

Applicants have a PhD or an MD-PhD degree with a strong background in cancer biology and/or immunology. Practical experience with animals (mice) and flow cytometry is mandatory. We also expect some basic knowledge in bioinformatics using R and/ or GraphPad Prism. You are highly motivated with a genuine interest in cancer research. You have a curiosity-driven attitude, demonstrating enthusiasm for science and be able to work independently but also being a good team player. Fluency in spoken and written English is mandatory.

The Department of Biomedicine (<https://biomedizin.unibas.ch/en/>) provides a highly stimulating collaborative research environment with outstanding infrastructure including cutting-edge core facilities. Basel is a medium-size city with a very international spirit bringing together people from 150 nations. It is located at the tri-national border of Switzerland, Germany and France and it commonly seen as Europe's most important life sciences hub. Basel stands out for its high quality of life, multilingual inhabitants and a rich cultural environment with world class museums. These positions offer an exciting opportunity for highly motivated and skilled individuals to contribute to a vibrant research community. Salary and benefits are according to University of Basel standards.

The position is open until filled. For further inquiries and submission of your application documents (specifying research experience and interests, CV, and copies of PhD or MD-PhD degree, desired start date, and the names and contact details of 2-3 referees) please contact j.schwaller@unibas.ch.