



**Prof. Dr. Wendy Wei-Lynn Wong
Assistant Professor**

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The Wong laboratory at the Institute of Experimental Immunology, UZH study different modes of cell death and its role in regulating inflammation. In particular, we are interested in understanding signaling pathways downstream of TNFR2 that may alter hematopoiesis, cell survival and inflammation in diseases, such as X-linked proliferative-2.

We are undertaking a project to expand the breadth of our biochemical and molecular functional assays toward state-of-the-art single cell assays, such as scRNA-seq, mass cytometry and/or multiomic assays, such as CITE-seq. We are looking for a dynamic and talented scientist to first establish and demonstrate new single cell sequencing technologies and apply these to fundamental questions in defining transcriptional regulation and cell type in response to TNF. The candidate will work closely with members of the Robinson (Statistical Bioinformatics) laboratory towards the development of computational tools.

The postdoctoral position is offered for an initial 12 months with opportunities to extend. The candidate should have a PhD in cell biology or biochemistry. Candidates should have first (co)author publications in their respective field and be able to work both independently and in teams and have excellent written and oral communication skills. Experience in flow/mass cytometry, immunology and bioinformatics is considered an asset.

Please send your application package as a single PDF file to wong@immunology.uzh.ch by March 31st, 2018 with the following information: a cover letter outlining your main contributions and research interests, CV, publication list, contact information for three referees.