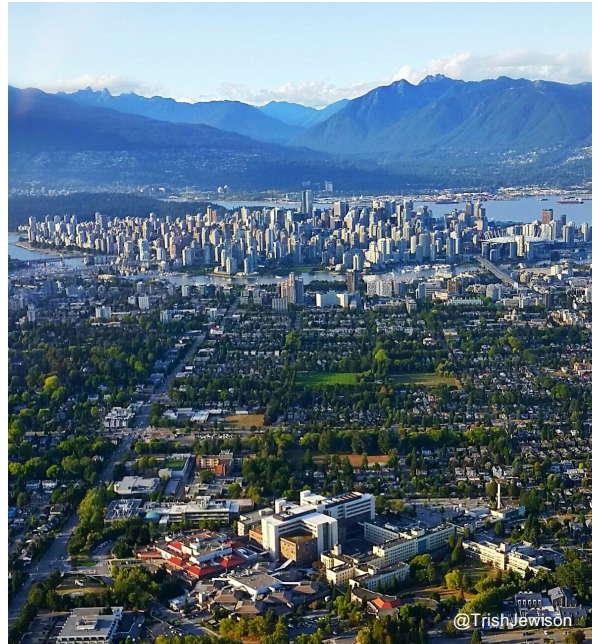




## POSTDOCTORAL FELLOW (multiple) Spatial and Single Cell Proteomics in Childhood Cancer Liquid Biopsies and EVs in Childhood Cancer

The Lange Lab is a creative, forward looking and nimble team of scientists that analyzes and decodes the human proteome to find new treatment opportunities for children with cancer. In our latest research published in *Nature Communications* we established a strong rationale for starting personalized precision diagnostics immediately at diagnosis. We embrace tough challenges and take pride in pushing fundamental research all the way to improving patient's care – today. Together with our partners we informed the treatment of patients and paved the way to bring precision oncology to the next level.

If you are a self-motivated Postdoctoral Fellow with strong ability to lead & work collaboratively and well-rounded, hands-on expertise in cancer biology, protein biochemistry and mass spectrometry we would like to hear from you!



**JOB SUMMARY:** For our research projects in the Canadian Pediatric Cancer Consortium we are seeking highly skilled and passionate Postdoctoral Fellows. You will develop and lead a research project focusing on spatial and single cells proteomics in high-grade childhood brain tumors, sarcomas or infant leukemias. Alternatively, you will advance plasma and extracellular vesicle proteome and immunopeptidome analysis with the goal to establish liquid biopsy testing for select pediatric malignancies.

This is an exciting opportunity to be part of the Canadian Pediatric Cancer Consortium that brings together Clinicians, Scientists, Patients and Policymakers across Canada to re-think pediatric cancer research and care from the ground up. You have direct access to TimS-TOF-ultra and Q-Exactive HF mass spectrometers, laser capture microdissection, unique open-flow microfluidic probe systems, clinical specimen and diverse patient derived model systems. You will also have the opportunity to supervise graduate and undergraduate students, gain leadership experience in collaborative projects and contribute to grant applications. If of interest we will work with you in the latter half of your fellowship to develop a secondary project that provides preliminary data for your first independent position and grant.

You will be mentored by Dr. Philipp Lange, PhD (Canada Research Chair in Translational Proteomics of Childhood Cancer). The position is fully funded for 2 years with the possibility of to be extended. We are looking for a team member to spearhead and shape the project over a period of 3-5 years and provide a very dynamic yet supportive interdisciplinary environment with dedicated mentoring and excellent opportunities for continued career development. The start date is flexible.

**How to apply:** Please send the following as one PDF file to [brenda.tse@ubc.ca](mailto:brenda.tse@ubc.ca): **cover letter** expressing your long-term research vision, career goals and fit for the position, intended start date and relocation plans, if applicable); CV; contacts for three references; copies of your most impactful papers (max 3, submitted OK). The position will remain open until filled.

*This position is located within a health-care facility. Therefore, this position requires successful verification of full vaccination against Covid-19 provided prior to the start date, as required by the provincial health mandate.*

*UBC hires on the basis of merit and is strongly committed to equity and diversity within its community. We especially welcome applications from visible minority group members, women, Aboriginal persons, persons with disabilities, persons of minority sexual orientations and gender identities, and others with the skills and knowledge to productively engage with diverse communities. All qualified candidates are encouraged to apply.*