



Postdoctoral Fellow Cancer Biology – Proteomics –Target Discovery

Dr. Philipp Lange, Canada Research Chair in Translational Proteomics of Pediatric Malignancies and his team at the University of British Columbia (UBC) in **Vancouver, Canada**, seek an outstanding candidate with a recent PhD (<2years) and strong publication record with an exceptional passion to advance the fundamental understanding of proteome modulation in childhood cancer. This position is CIHR funded.

Your role: You will lead a project on the **characterization and targeting of a new class of highly specific surface epitopes in childhood cancer**. You will use new mass spectrometry approaches developed in our group to study the cell surface in primary pediatric cancer specimen and model systems and will use and advance cell biological and biochemical approaches to develop new models to target and monitor malignant cells. You will also have the opportunity to supervise graduate and undergraduate students, gain leadership experience in collaborative projects and contribute to grant applications.

Research Team & Environment: Located at the BC Children's Hospital Research Institute (BCCHRI), the leading pediatric research center in Western Canada, you will be embedded in the highly innovative and interdisciplinary research environment spanning BC Children's Hospital, UBC and BC Cancer. Vancouver repeatedly ranks among the most livable places in the world and combines excellence in research with high quality of life. Excellent opportunities for personal and professional development are provided. You will be part of a dynamic team of experimental and computational scientists and embedded in the local BRAvE and national PROFYLE pediatric precision oncology initiatives where you will work with basic scientists, pathologists, analysts and clinicians. You will have direct access to state-of-the-art cell and molecular biology facilities, mouse and chicken chorioallantoic membrane (CAM) modeling platforms, mass-spectrometry, next-generation sequencing, flow cytometry, imaging and compute infrastructure.

Requirements:

- PhD in cancer biology, cancer proteomics or related area and strong publication record
- Fluent in written and spoken English and demonstrated excellence in scientific writing
- Demonstrated exceptional communication and analytical skills.
- Demonstrated hands-on expertise in functional cell assays and protein biochemistry
- Strong statistical foundation and demonstrated expertise in R or python for data analysis
- Hands-on expertise in protease characterization, CRISPER genome editing, mass spectrometry, processing of small sample amounts / single-cell proteomics, cell surface and secretome characterization are important assets.

How to apply: Review of applications will begin November 15th. The position will remain open until filled and commence as soon as possible. Please send the following as one PDF file to brenda.tse@ubc.ca: a **cover letter** expressing your long-term research vision, career goals and fit for the position (detailing how you meet the requirements as well as when you intend to start this position and relocation plans, if applicable); CV; contacts (full address, email and phone number) for three references; copies of your most impactful papers (max 3, submitted OK). Only shortlisted candidates will be contacted.

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.