



Postdoctoral Fellow in Translational Prostate Cancer Deeley Research Centre, BC Cancer Agency

This is a 3-year grant funded fellowship. In this integral role, the Postdoctoral Fellow will work under the general supervision of the Radiation Immune Research Director and other investigators to study the effects of neo-adjuvant hormone therapy and radiation therapy on tumour-specific immune responses in prostate cancer. The project will involve use of mouse models, as well as a prospective cohort of prostate cancer patients who have participated in clinical and immunological monitoring since 2004. The overarching goal is to understand how treatment-induced antibody and T cells responses influence clinical outcomes in prostate cancer, and how best to enhance these responses therapeutically.

In addition to two years of related experience in experimental animal handling, a Ph.D in a related discipline such as Immunology, Biology, Microbiology, or Biochemistry is required. The successful candidate will have skills and experience in mammalian cell culture, general molecular biology techniques, immunoassays (cytokine, and cytotoxicity assays), flow cytometry, T cell biology and cell signalling pathways. An equivalent combination of education, training and experience will also be considered. The Postdoctoral Fellow will be able to work independently, and demonstrate excellence in conception, development and execution of a research project. Strong skills in scientific writing (grants, manuscripts) and oral presentation are required and the incumbent is expected to successfully attract funding during the fellowship. In addition, the successful candidate must be detail oriented, motivated and desire to work in a translational research environment

For more information about our centre, please visit: <http://www.bccrc.ca/drc/>
Applications can be submitted via email to:

Dr. Julian J. Lum
Deeley Research Centre. BC Cancer Agency-Vancouver Island Centre
2410 Lee Avenue
Victoria, BC, Canada; V8R 6V5
Email: jjlum@bccancer.bc.ca