



Pamela Greenaway-Kohlmeier
Translational Breast Cancer
Research Unit

A postdoctoral fellowship position is available in Dr. Alison Allan's laboratory in the Department of Oncology, University of Western Ontario; and the Translational Breast Cancer Research Unit, London Regional Cancer Program (London, Ontario, Canada) [http://www.lhsc.on.ca/Research_Training/LRCP/Research_Scientists/AAllan.htm]

Research in the Allan laboratory focuses on the investigation of cellular and molecular mechanisms of breast cancer metastasis, with a strong emphasis on translational research. In particular, we are interested in determining how circulating tumor cells and cancer stem cells/metastasis-initiating cells contribute functionally and mechanistically to disease progression and metastatic disease. Utilizing our access to state-of-the-art equipment, we employ a wide range of molecular, cellular, and *in vivo* techniques; including cell culture, transfection/transduction, flow cytometry/FACS, image cytometry, rare cell isolation and analysis, and *in vivo* animal models of metastasis.

The University of Western Ontario is among Canada's leading research-intensive universities. The Allan lab is located within the Translational Breast Cancer Research Unit of the London Regional Cancer Centre (LRCP), a comprehensive cancer research and treatment center serving Southwestern Ontario. The major goals of the Unit are to promote interactions between scientists and physicians throughout London and to facilitate "translation" of molecular, cellular and/or genetic research findings to improvements in diagnosis, treatment, and prevention of breast cancer. There are therefore multiple opportunities for both interdisciplinary and multidisciplinary interactions.

The postdoctoral fellowship position is available for an initial period of 1 year with the possibility of renewal for up to 3 years. The stipend will be negotiable depending on the applicant's experience and suitability for the position. The ideal candidate will have a PhD relevant to cellular and molecular biology, be highly motivated to work both independently and with others, and have excellent oral and written English language communication skills. Individuals with prior experience in cancer biology, siRNA technology, and transfection/transduction techniques are especially encouraged to apply. Interested candidates should submit a cover letter with a brief description of research interests and expertise, a full CV, and 2-3 references (with contact information) as a PDF document to Dr. Alison Allan [alison.allan@lhsc.on.ca] by September 01, 2010.