

**Position:** Graduate student in Virology and Immunology

**Location:** INRS-Institut Armand Frappier, Laval

**Research interests:** Lymphostromal interactions, early hematopoiesis, leukemia

**Description:**

The most common forms of leukemia vary greatly with age. My laboratory is interested in studying the age-associated intrinsic differences of normal and leukemic progenitor cells, particularly their response to Wnt signals. Wnt signaling is known to impact cell division, and the quiescent, non-dividing adult stem/progenitor cells are likely to express very different patterns of signaling mediators from the rapidly expanding fetal stem cells and leukemic stem cells. Differentially expressed and/or localized targets will be validated in culture, in bone marrow transplant models, and in a mouse model of acute myeloid leukemia.

[www.iaf.inrs.ca/krista-heinonen](http://www.iaf.inrs.ca/krista-heinonen)

**Qualifications:** B.Sc or M.Sc in Immunology, Physiology, Molecular/Cell biology or related field. Experience with any of the following techniques would be an asset : mouse handling, flow cytometry, cell culture, confocal microscopy, molecular biology techniques

**Start date:** Immediately

**To apply:** Please send a cover letter, CV (with mention of GPA), and contact information for 2 potential referees to:

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