

POST-DOCTORAL POSITION AVAILABLE

A post-doctoral position is available to investigate the molecular mechanisms by which genetic mutations of protein tyrosine phosphatase *PTPN11* (SHP2) induce childhood leukemias, and to use this knowledge to develop novel therapeutics for these diseases. Research in our laboratory is centered on the signaling mechanisms involved in normal and malignant hematopoiesis (*PNAS*. 2016, 113:984-989; *Blood*, 2016, 125:1562-5; *Cell Stem Cell*. 2013, 12:62-74; *J. Exp. Med.* 2011, 208:1977-1988). We are particularly interested in the regulation by protein and lipid phosphatases in hematopoietic stem cell biology and in leukemogenesis. A variety of experimental approaches, such as mouse genetics, biochemical, and stem cell technologies are undertaken in these studies. Candidates should have a Ph.D. degree and a strong background in molecular biology and cell biology. Previous experience in cell signaling and experimental hematology is preferable. Interested individuals should send their curriculum vitae and the names and addresses of three references to:

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