



Children's Hospital Boston



DANA-FARBER
CANCER INSTITUTE



Opportunity Type:

Research Technician

Alejandro Gutierrez, MD
Pediatric Hematology/Oncology
Children's Hospital Boston
Dana-Farber Cancer Institute
Harvard Medical School
<http://theaglab.com>
alejandro.gutierrez@childrens.harvard.edu

Location:

Children's Hospital Boston and Dana-Farber Cancer Institute
Harvard Medical School
Boston, MA

Job Description:

We seek a highly motivated and organized individual to join our efforts to investigate the molecular pathogenesis of treatment-resistant leukemias and sarcomas. Our approach combines functional genetics and biochemistry in the zebrafish model system and in human cancer cells. The selected candidate will work on experimental research projects directly with the laboratory principal investigator (85% effort), and will also spend 15% effort on lab management duties including maintenance of zebrafish lines, purchase ordering, and preparation of general lab supplies such as bacterial plates and stock solutions. A highly motivated and productive technician may get the opportunity to lead an independent research project within the lab.

A bachelor's degree is required, preferably with formal study in molecular biology, genetics, biochemistry or chemistry. The candidate must be a responsible individual with strong communication, organizational and interpersonal skills. Previous experience in scientific research would be an asset. Experience with zebrafish research is not required, but enthusiasm for learning modern zebrafish genetic techniques is essential, including microinjection of zebrafish embryos, phenotypic screening, and tumor cell sorting/analysis.

40 hour/week full-time position with flexible hours and competitive salary/fringe benefits.

Anticipated start date is March to June 2012. A 2-year minimum commitment is required. A great transition opportunity for a graduating undergraduate student interested in pursuing a graduate or medical education after 2 years. Both previous Gutierrez technicians have been co-authors on several papers and are now in medical school.

Representative Publications:

1. Gutierrez, A., et al. Proc Natl Acad Sci U S A. (2011) 108:16386.*
2. Gutierrez, A., et al. J Exp Med. (2011) 208:1595.*
3. Gutierrez, A., et al. Blood. (2011) 118:4169.
4. Rudner, L.A., et al. Oncogene. (2011) 30:4289.
5. Inuzuka, H., et al. Nature. (2011) 471:104.
6. Gutierrez, A., et al. J Clin Oncol. (2010) 28:3816.*
7. Gutierrez, A., et al. Blood. (2010) 115:2845.*
8. Feng, H., et al. Cancer Cell. (2010) 18:353.
9. Sanda, T., et al. Blood. (2010) 115:1735.
10. Gutierrez, A., et al. Blood. (2009) 114:647.*
11. Gutierrez, A., et al. Cancer Cell. (2007) 12:411.
12. Maser, R.S., et al. Nature. (2007) 447:966.

*Papers on which Gutierrez technicians have been co-authors

Please send inquiries and resume to principal investigator. College transcripts and 3 letters of reference will be needed upon request.

Job Function: Research technician and laboratory manager.

Additional Details: Dana-Farber/Children's Hospital Cancer Center is one of the top pediatric research centers in the world, and a major research and teaching affiliate of Harvard Medical School.

Lab Website: <http://theaglab.com>

Application Method: Please apply by email to laboratory principal investigator:

Alejandro Gutierrez, MD
alejandro.gutierrez@childrens.harvard.edu