Post-doctoral fellow (Agarwal Laboratory)

Agarwal Laboratory
Division of Hematology/Oncology
Stem Cell Program
Boston Children’s Hospital
Harvard Medical School

**Job title:** Post-doctoral fellow. Position is currently recruiting.

**Job description**
The Agarwal Laboratory at the Division of Hematology/Oncology at Boston Children’s Hospital (BCH) in affiliation with the Stem Cell Program and Harvard Stem Cell Institute seeks a highly motivated post-doctoral research fellow to study RNA and telomere biology in human bone marrow failure syndromes. Our laboratory applies genetics, reprogramming, genome editing technologies, and small molecule approaches to patient-derived samples to study normal stem cell biology as well as the basis of stem cell failure and disease (Nagpal N., et al, *Cell Stem Cell*, 2020). The current research aims to understand gene regulation in order to identify novel approaches for the therapeutic manipulation of telomeres and non-coding RNAs.

The position offers an exciting opportunity to work closely with basic and translational scientists in a highly collaborative and stimulating environment in the Division of Hematology/Oncology at BCH, in the vibrant Longwood / Harvard Medical Area. An explicit goal of our work is to translate laboratory discoveries into novel therapies – small molecule-, genetic-, and/or cell-based – for patients with blood and bone marrow failure disorders. This is an excellent opportunity for scientists and physician-scientists who aim not only to further our fundamental understanding of biology, but also to see these advances applied to human diseases.

**Job Requirements**
The candidate should have a Ph.D. or an M.D./Ph.D or equivalent training. The position seeks applicants with a strong background in one or more relevant areas including molecular biology (particularly RNA or telomere biology), genome editing, protein biochemistry, development of animal models, and high-throughput screens.

Interested applicants should e-mail their CV, a cover letter indicating research experience, interests and goals, and names / contact information for at least three academic references to the attention of Dr. Suneet Agarwal at (suneet.agarwal@childrens.harvard.edu), copied to Esther Kayode (esther.kayode@childrens.harvard.edu).

**Employing Department and Institution**
Division of Hematology/Oncology, Boston Children’s Hospital