

Job Title: Research Associate I  
Institute: Broad Institute and Harvard Stem Cell Institute  
Area of Interest: Stem cell biology, genomics  
Location: Cambridge, Massachusetts

**Job Description:** Looking for an exceptional, highly motivated candidate genuinely interested in scientific research bridging the areas of stem cell biology and genomics. **The successful candidate will work closely with a postdoc on several ongoing projects that use Next Generation sequencing technology to study transcription factors and their role in pluripotency and early human development.** An applicant with a strong experimental background in molecular biology techniques is preferred. The successful candidate will perform techniques including DNA sequencing, PCR, DNA and RNA isolation, chromatin immunoprecipitation (ChIP), genomic and/or cDNA library construction, human ESC tissue culture and genetic manipulation of cell lines. There will also be an opportunity to learn computational analysis methods. The vibrant training environment will consist of both the Broad Institute and Harvard Stem Cell Institute (the Meissner Lab). This will be a great learning opportunity, ideal for a recent or upcoming college graduate who wants to gain more laboratory experience and contribute to several high profile publications before applying to PhD programs. If interested, please email Alex Tsankov ([atsankov@broadinstitute.org](mailto:atsankov@broadinstitute.org)) with a resume.

**Requirements:**

- Bachelor's degree in Biological Sciences or related field (received or pending).
- At least 1 year of experience in a research laboratory, preferably in an independent project.
- Minimum **2-year** commitment to ongoing projects.
- Must possess a familiarity with basic molecular biology techniques such as PCR, sterile techniques, and the operation of standard lab equipment.
- Excellent communication skills and the ability to interact professionally with all levels of staff and with external contacts in a fast paced environment required.
- Excellent organization and time management skills.
- Must be able to use sound judgment to handle a variety of tasks and to shift priorities simultaneously, as well as to effectively solve problems.
- Must possess a high level of initiative.

**Key Responsibilities:**

- Carry out small independent projects as well as basic bench level experiments and techniques.
- Analyze experimental data and identify methodological problems.
- Document, compile, and assist with interpreting experimental data. Reports data to supervisor and team.
- Attend team meetings to share results, plan projects and experiments, and to ensure that projects support current team goals in a dynamic environment.
- Consult with other senior scientists or scientific literature as needed.