BROAD INSTITUTE

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A RESEARCH ASSOCIATE position focused on drug discovery is available at the Broad Institute of MIT and Harvard. This position is a rare opportunity to be part of a dynamic team consisting of experts in biochemistry, systems biology, and drug development focused on therapeutically targeting cellular metabolism to treat a broad range of diseases. We are seeking a highly motivated research associate who will assist with the development and execution of high-throughput genetic and chemical screens using the most cutting-edge technologies. We are looking for an enthusiastic and organized individual who can thrive in a fast-paced environment. Technical skill, attention to detail, and excellent communication skills are a must. There will be ample opportunities for co-authorship on high-impact papers.

General duties:

- Use advanced genome editing techniques to develop cellular models of disease
- Develop and optimize high-throughput screening assays
- Execute genetic (e.g. pooled CRISPR) and chemical screens, and carry out detailed follow-up studies
- Prepare, order, and maintain stocks of necessary reagents, solutions and supplies
- Analyze experimental data and adjust experimental protocols as needed to ensure project completion in a timely fashion
- Maintain a high quality laboratory notebook, documenting experimental procedures and results
- Attend weekly team meetings to present results, plan experiments, and ensure that projects support current team goals

Requirements:

- Bachelor's degree in biology, chemistry, or a related field
- At least one year of lab experience with biochemistry and molecular biology techniques is required
- Experience independently executing experiments and analyzing data
- Strong organizational and time management skills
- Facility with computers and standard data analysis tools, as well as strong written and verbal communication skills
- Enthusiasm for learning new experimental techniques and taking on challenging scientific problems in a team environment

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