

Research Scientist, FACS/CyTOF

Dana-Farber Cancer Institute, Boston



The DFCI Center for Immuno-Oncology (CIO) is a multi-disciplinary group dedicated to the discovery, development, and first-in-human clinical trials of novel immunotherapies. The CIO Immune Assessment Laboratory (<http://ciolab.dfci.harvard.edu/>) is accepting applications for a Research Staff Scientist to coordinate and direct basic and translational biomarker research in immuno-oncology. Such an individual will work closely with the directors of the CIO to develop biomarkers to guide patient selection and therapies in the field of cancer immunology. We are looking for an individual with strong knowledge of flow cytometry and/or CyTOF. Qualified individuals will have a Bsc/MS with applied professional experience or PhD/Post-doc in a basic science or translational clinical research laboratory. A preferred candidate will be comfortable working independently and collaboratively and have strong management skills. Responsibilities will include overseeing laboratory technicians, reviewing and preparing data, presenting at CIO group meetings and at national meetings, and contributing to co-author publications.

Responsibilities:

- Work with DFCI PIs and research staff to design and develop biomarker experiments/protocols
- Provide scientific expertise in analyzing mechanistic and biomarker endpoints for clinical trials related to cancer immunotherapies
- Assist with the development, validation and deployment of CyTOF for clinical trials within the NIH-funded CIMAC network (<https://cimac-network.org/>)
- Oversee and manage project goals, timelines and deliverables.
- Contribute to collaborative projects, co-author publications, multi-center grant applications, and conference presentations.
- Communicate new findings in a translational research environment strongly focused on discovery and development of novel immunotherapies to improve patient care.

Supervisory Responsibilities:

- Manage the work efforts of one or more technicians, including annual performance appraisals
- Responsible for training and mentoring other lab personnel and researchers

Required Education/Experience:

- Bsc/MS with applied professional experience (> 3 years) or PhD level candidate with experience (> 1 year) in immunology, oncology, or life sciences required.
- Basic tissue culture and molecular biology skills (e.g. qPCR, PCR) required
- Flow Cytometry experience required
- Flow Cytometry data analysis (e.g. FlowJo, Cytobank) required
- Mass Cytometry (CyTOF) experience preferred

Required Skills/Knowledge:

- Excellent personal task management skills and high level of self-motivation
- Excellent verbal and written communication skills
- Record of academic publications is encouraged
- Willingness to contribute to collaborative projects and co-author publications.
- Strong analytic and problem-solving skills, with experience with data acquisition, data analysis, data presentation and documentation
- Demonstrated ability to multitask and troubleshoot problems
- Strong team player and ability to work well with diverse faculty and staff

Apply Online (DFCI Job ID: 2019-13867):

<https://careers-dfci.icims.com/jobs/13867/research-scientist---center-for-immuno-oncology/job>

About Dana-Farber:

Located in Boston, Dana-Farber Cancer Institute brings together world renowned clinicians, innovative researchers and dedicated professionals, allies in the common mission of conquering cancer and related diseases. Combining extremely talented people with the best technologies in a genuinely positive environment, we provide compassionate and comprehensive care to patients of all ages; we conduct research that advances treatment; we educate tomorrow's physician/researchers; we reach out to underserved members of our community; and we work with amazing partners, including other Harvard Medical School-affiliated hospitals.

Equal Employment Opportunity:

Dana-Farber Cancer Institute is an equal opportunity employer and affirms the right of every qualified applicant to receive consideration for employment without regard to race, color, religion, sex, gender identity or expression, national origin, sexual orientation, genetic information, disability, age, ancestry, military service, protected veteran status, or other groups as protected by law.