

Job Description

Job Title: Research Technician
Job ID: 23187
Location: Jimmy Fund
Full/Part Time: Full-Time
Regular/Temporary: Regular

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Located in Boston, Dana Farber Cancer Institute brings together world-renowned clinicians, innovative researchers, and dedicated professionals as allies in the common mission of conquering cancer, HIV/AIDS 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.

We are seeking a highly motivated individual to join our research effort in developing therapeutic antibodies against cancer targets. As a research technician and working with the senior fellow in our group, this individual will be responsible for executing studies to evaluate and select leading anti-cancer human mAb previously discovered in our lab for further development. This includes molecular cloning and plasmid preparation of different antigen-IgG fusion molecules; production and purification of sufficient quantities of anti-cancer mAbs; *in vitro* / *in vivo* anti-tumor efficacy analysis; understanding the tumor killing mechanism of the chosen specific mAb; and modulating Fc effector function of the selected anti-cancer mAb through recombinant antibody engineering. *In vivo* studies will involve both routinely used immune compromised mice as well as our newly established human immune system reconstituted mice.

The applicant must be a self-starter, highly motivated team player. Once trained, applicant must be able to work on his/her own with minimal daily supervision. The individual is also expected to be able to parallel processing (good time management skills), well organized, and pay careful attention to experimental details.

BA/BS in biomedical sciences, background in molecular, cellular biology and immunology. A preferred candidate would have prior laboratory research experience in cancer immunotherapy using animal models.

This is a regular, full time position. Note that nights and weekends may be required to meet research needs.

Dana-Farber Cancer Institute is an Affirmation Action/Equal Opportunity Employer - committed to diversity and inclusion in our workforce.

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