



Research Technician – Center for Cancer Evolution at Dana-Farber Cancer Institute

We are currently seeking a highly motivated and creative scientist to focus on the experimental arm of the CCE. The principal mission of the CCE is to develop and validate mathematical modeling strategies of tumor evolution and treatment response, and eventually utilize these strategies to identify best therapeutic intervention practices. We hope insights gained through the CCE's research will ultimately allow for improved cancer therapies to improve patients' lives. The research technician would be principally responsible for data collection to allow for detailed modeling experiments. The responsibilities of this position will include evaluating new therapeutic targets, experimentally validating theoretical models, characterizing cell and cell line properties, performing single cell lineage tracing experiments and analyzing clinical cancer tissue samples along with appropriate documentation of results. The research technician will have the unique opportunity to support tumor modeling studies that will influence our understanding of cancer evolution, as well as participate in the research and design of even better methods if desired.

This individual will work with a team of center scientists to perform cutting edge research with potential impact on cancer treatment.

Specific duties would include:

- Culturing of cell line models
- Performing drug testing of cell line models in cell culture.
- Extraction and analysis of protein, DNA and mRNA from isolated materials
- Evaluation of effects of specific therapies in model system through immunoblotting, staining and other proteomic experiments
- Must be willing to work with rodent models
- Using general lab equipment
- Data analysis and recording of results electronically and in a lab notebook
- Prepare and write up methods and procedures for publications
- Prepare and maintain database of results

- Working closely with a scientist who will serve as direct supervisor and mentor
- Cooperating with a team of experimental and computational scientists
- Managing ordering and stocking of laboratory supplies
- Ability to work on a flexible schedule

Job Qualifications

We are looking for an enthusiastic and capable individual with a BA or BS degree in a related field. Experience in cell culturing, and with immunoblotting are desirable. In addition to technical and scientific knowledge, this individual should have good organizational, interpersonal, and oral and written communication skills as well as excellent organizational skills, ability to work within a team, flexibility and responsibility are all key for this position.

Schedule

Fulltime, 40 hours.

Apply Here: <https://social.icims.com/viewjob/pt15313402929007f976>

Our Website: <http://cce.dfci.harvard.edu>