The Termeer Center for Targeted Therapies at the Massachusetts General Hospital Cancer Center invites applications for a full-time faculty position in translational computational biology. The Termeer Center for Targeted Therapies is a premier early drug development unit focused on first-in-human and biomarker-driven clinical trials of novel cancer therapeutics, associated with cutting edge multidisciplinary translational research focused on development of predictive biomarkers, tumor heterogeneity and evolutionary dynamics, and intrinsic and acquired drug resistance. Academic appointment in the Department of Medicine at Harvard Medical School will be at the rank of Instructor or Assistant Professor and compensation will be commensurate with experience and accomplishments.

We seek exceptional PhD, MD, or MD/PhD applicants with expertise in developing novel computational methods for integration of high-dimensional genomic, transcriptomic, proteomic, imaging, and clinical data, to predict patient outcomes in the context of investigational cancer therapeutics and identify novel targets, predictive biomarkers, and rational combination therapies, as well as improved treatment selection and clinical trial matching strategies.

Candidates with expertise in creation of integrated data pipelines and applications of artificial intelligence and machine learning approaches to multiple sources of patient-derived data, such as imaging, molecular, electronic medical records and clinical laboratory tests, are especially encouraged to apply. Extensive collaborative opportunities will be available within the Massachusetts General Hospital and other local institutions, including Harvard Medical School, Harvard School of Public Health, the Massachusetts Institute of Technology, the Broad Institute, and the member institutions of Dana-Farber/Harvard Cancer Center.

Applicants should be committed to developing an independently funded program of research within a vibrant community of clinical investigators, laboratory scientists and data scientists involved in drug development of cell signaling inhibitors, antibody drug conjugates, immunotherapy agents and cancer vaccines. The successful applicant is expected to show evidence of high research productivity, ideally with papers in high-impact biomedical journals, as well as successfully funded research grants. Applicants should also have a strong record of collaborative research at the interface between basic cancer biology and applied clinical investigations, with ability to organize and manage cross-functional teams. All individuals with appointments at Harvard Medical School are also expected to participate in teaching of resident, fellows, and/or medical school or graduate students.

Qualified applicants should email a cover letter, research statement (not to exceed 3 pages), curriculum vitae, and names and contact information of three individuals who can serve as references to:

Dr. Keith Flaherty, Director of Clinical Research at the Massachusetts General Hospital Cancer Center, kflaherty@mgh.harvard.edu, and Dr. Dejan Juric, Director of the Termeer Center of Targeted Therapies, juric.dejan@mgh.harvard.edu.
We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, gender identity, sexual orientation, pregnancy and pregnancy-related conditions or any other characteristic protected by law.