

## Research Investigator

The Division of Transplant Surgery and Transplant Surgery Research Laboratory at Brigham and Women's Hospital is seeking a highly qualified research investigator with experience in molecular and cell biology, to work on various aspects of clinical and experimental transplant immunology.

A focus of our work is on organ rejuvenation: perfusion/preservation and immunosenescence, as well as on cell signaling mechanisms that regulate organ aging and consequences on augmented immunogenicity of older organs. The laboratory's goal is to delineate critical drivers of aging and to bring novel approaches of organ rejuvenation to clinical application. There is also a focus on dissecting mechanisms in aging and their effects on alloimmunity, striving to bring age-specific treatments to clinical application. An additional interest is on the delineation of metabolic influences on organ rejection and on studies delineating the effects of biological sex on alloimmunity. Experience with small animal models of organ transplantation and ischemia reperfusion injury is ideal. Knowledge and experience in microsurgery is a plus.

This position offers outstanding scholarly and scientific opportunity in a collegial and collaborative department as well as other related departments throughout Harvard Medical School. The division is looking for an enthusiastic and innovative individual who, under the mentorship of the PI, will lead and support ongoing research projects, including the preparation of manuscripts and grant proposals. Other duties include teaching graduate students or fellow junior post-docs.

We welcome applications from highly motivated and independent-minded individuals. Candidates must have either a PhD, or MD, or equivalent graduate degree in immunology or a related field, have completed a postdoctoral fellowship, and have had experience in collaborative interdisciplinary research as evidenced by publication record, research projects, or previous positions. Ideally, candidates will have previously published in high-ranking journals and have applied for funding. The candidate must also have effective communications skills, strong scientific writing and literature review skills, a facility with basic statistical analysis, and an aptitude for mentoring fellows, residents and students.

Salary and academic appointment as an Instructor, or Assistant Professor level, at the Harvard Medical School will be commensurate with experience, training, and achievements.

The Brigham and Women's Hospital (BWH) offers a competitive compensation and benefits program.

Brigham and Women's Hospital and the Department of Surgery are committed to ensuring our diverse community feels welcome, cared for, and valued. Candidates who have experience working with a



diverse range of faculty, staff and patients, and who can contribute to the climate of inclusivity are encouraged to identify their experiences in these areas.

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. Women and minorities are encouraged to apply.

A selection committee, headed by Dr. Stefan G. Tullius, chief of the Division of Transplant Surgery; Director Transplant Surgery Research Laboratory at Brigham and Women's Hospital, will be reviewing all applications. Interested candidates should submit their curriculum vitae and a letter of interest by email to Dr. Gerard M. Doherty, chair of the Department of Surgery at Brigham and Women's Hospital, at the following address: [surgeryfacultyaffairs@bwh.harvard.edu](mailto:surgeryfacultyaffairs@bwh.harvard.edu).

