

RESEARCH ASSISTANT OPENING – HARVARD TH CHAN SCHOOL OF PUBLIC HEALTH
IMMEDIATE OPENING

Will consider waiting until June 2023 for the right candidate

Job Summary

The Sabri Ülker Center (Hotamışlıgil Laboratory) at the Harvard T.H. Chan School of Public Health is engaged in researching non-communicable diseases, such as cancer, heart disease and diabetes, which are responsible for over two-thirds of deaths worldwide. The risk of contracting these diseases is affected by genetic as well as lifestyle and environmental factors. The Center conducts pioneering research into the causes underlying these complex human disorders. Our studies aim to transform our understanding of wellness and disease and will help us develop novel approaches to address the major challenges to global public health. We are organized as a single, collegial laboratory, with multiple projects. We are expanding our research capabilities in response to demand for our particular expertise. www.gsh.sph.harvard.edu

Position Description We are seeking a Research Assistant I Lab (RA) who is enthusiastic and excited about the work we do in our lab, and who wants to make a strong scientific contribution to our research. The RA will have the opportunity to learn techniques in molecular biology, protein and RNA purification and analysis, mammalian tissue culture, biochemical assays, immunostaining and microscopy, under supervision and direction of other lab members, and will also follow up experiments by organizing, processing and reporting data. Additional duties and responsibilities include, but are not limited to, the following:

Perform molecular biology experiments including PCR, Western blots, gel electrophoresis, enzyme immunoassays and spectrophotometry

Maintain cell cultures and perform cell culture experiments

Analyze, interpret, and report data

Participate and intellectually contribute to lab meetings, journal clubs, and data discussions

Maintain mouse colonies (including breeding and genotyping), perform mouse metabolic physiology experiments, and process mouse blood and tissue samples for protein and RNA analysis

Basic Qualifications

1+ year of relevant experience required; a combination of education and experience may be considered

Preferred Additional Qualifications and Skills

The following job-specific skills and competencies are preferred:

Bachelor's degree or equivalent training and experience

Two or more years' experience in a molecular biology laboratory at the bench

Exposure to or experience in basic molecular and cellular biology techniques strongly preferred

Understanding of the necessity for proper handling of pre-published confidential research data

Demonstrated high level of initiative and motivation

Experience working independently and with a team

Proven excellence in communication, organization, time management, and record-keeping skills
Strong organizational skills

The following cultural competencies are also preferred:

Awareness of and aptitude to understand, respect, and adapt to cultural and identity-based difference within group environments appropriately and effectively

Knowledge of and commitment to concepts and issues tied to social justice, diversity, equity, and inclusion

Skills related to creating and supporting an environment that allows for inclusion, effective intercultural engagement, and personal humility and authenticity

Physical Requirements

Lifting 25 pounds, climbing a three-step ladder, and handling live mice

Additional Information

Harvard University offers an outstanding benefits package including:

Time Off: 3-4 weeks paid vacation, paid holiday break, 12 paid sick days, 12+ paid holidays, and 3 paid personal days per year.

Medical/Dental/Vision: Excellent and affordable medical, dental & vision plans, with coverage beginning as of an employee's start date.

Retirement: University-funded retirement plan with full vesting after 3 years of service.

Tuition Assistance & Reimbursement Programs: \$40 per class at the Harvard Extension School, discounted options through participating Harvard graduate schools, and reimbursement options for accredited schools outside of Harvard.

Transportation: 50% discount on MBTA passes, as well as additional options (rideshare, biking, etc.) to assist employees in their daily commute.

Wellness & Professional Development: Programs and classes at little or no cost, including stress management, hard& soft skills development, career planning, massages, nutrition, meditation, and complimentary health services.

RESPOND WITH RESUME AND COVER LETTER THAT SPECIFICALLY IDENTIFIES WHY YOU ARE INTERESTED IN OUR WORK TO sabriulkercenter@hsph.harvard.edu