

Research Scientist

Department of Surgery, Brigham and Women's Hospital & Harvard Medical School

The Laboratory for Surgical and Metabolic Research in the Department of Surgery, Brigham and Women's Hospital and Harvard Medical School is seeking a talented, PhD-level scientist to help lead our research efforts on understanding the mechanisms of bariatric surgery that influence type 2 diabetes, obesity, and cancer development.

The lab investigates molecular pathways that connect the gut microbiota, host metabolism, and the immune system that are activated by the anatomic changes of bariatric surgery. Our translational science bridges the bench and clinic and leverages multi-disciplinary collaborations with nearby microbiome, cancer, and metabolism investigators. The lab is funded by multiple foundation, society, and NIH R01 grants. To learn more details of current projects and recent publications, please visit our website at surgery.bwh.harvard.edu.

This position is a unique opportunity to pursue cutting edge science while developing skills in leading and mentoring junior scientific trainees, with exposure to clinical, patient studies and drug development with industry. For the right individual, this position provides the support to address impactful, long-term scientific questions.

Qualifications:

- Ph.D. and/or M.D. with significant bench science experience.
- Background and expertise with mouse models of obesity and diabetes, including glycemic and insulin tolerance testing, are highly desired.
- Experience in molecular and cellular biology, specifically in relation to the study of metabolism and/or immunology, is preferred.
- Strong history of publication in peer-reviewed journals.
- Ability to work effectively with interdisciplinary teams.
- Effective mentor and teacher of students and trainees.
- Excellent oral and written communication skills.
- Experience in grant, protocol, and budget management.

Please send a cover letter, C.V., and references to Dr. Eric Sheu, Chief, Section of Bariatric and Foregut Surgery at esheu@bwh.harvard.edu.