

Institution: Baylor College of Medicine

Department: Lester & Sue Smith Breast Center
Dan L. Duncan Cancer Center
Department of Medicine



LESTER & SUE SMITH
BREAST
CENTER

DAN L DUNCAN
COMPREHENSIVE
CANCER CENTER



Location: Houston, Texas

Principal Investigator: Gloria Echeverria, Ph.D.

Lab website: EcheverriaLab.squarespace.com

Application deadline: Continuous, applications will be reviewed as they are received

Description: A postdoctoral fellow position is immediately available to investigate molecular mechanisms and intra-tumoral heterogeneity driving triple negative breast cancer. The Echeverria Lab at Baylor College of Medicine in Houston, TX has an open position for a postdoctoral scholar to work on projects at the interface of cancer biology, cellular metabolism, intra-tumor heterogeneity, and tumor evolution during therapy resistance. The primary focus of the lab is on the identification of molecular mechanisms for triple negative breast cancer therapy resistance and metastasis. Projects include dissection of the molecular underpinnings tumor cell-microenvironment interactions as they pertain to therapy resistance and metabolic adaptations of therapy-resistant tumor cells, as well as single cell analyses of primary and metastatic TNBCs.

A passion for translational cancer research is a requirement for all lab members. Applicants must have a PhD or MD/PhD in cancer biology or related field and a track record of success as evidenced by peer-reviewed publications, graduate fellowships, and/or presentations at meetings. We are looking for highly self-motivated candidates with demonstrated ability for independent experimental design and research. Postdocs with demonstrated skills in molecular biology, mouse models, metabolism, breast cancer, and/or computational biology are strongly encouraged to apply.

Our laboratory is located in the Baylor College of Medicine Lester and Sue Smith Breast Center, which hosts a vibrant and intellectually stimulating community of highly collaborative basic, translational, and clinical breast cancer researchers. Baylor College of Medicine is embedded in the vibrant Texas Medical Center surrounded by major research universities and hospitals. The lab is an intellectually stimulating and scientifically rigorous environment providing exposure to cutting-edge approaches such as single-cell genomics, patient-derived xenograft mouse and organoid models, CRISPR/Cas9 genome engineering, *in vivo* functional genomics screening, proteomics, metabolomics, and quantitative tissue imaging. All laboratory projects are aimed at understanding how heterogeneous subpopulations of breast tumor cells evolve as ecosystems throughout therapy resistance and multi-organ metastasis.

Please send your CV, a brief cover letter describing previous experiences, career goals, and scientific interests, plus PDF versions of your publications, and contact information for at least three references to gloriavecheverria@gmail.com.
