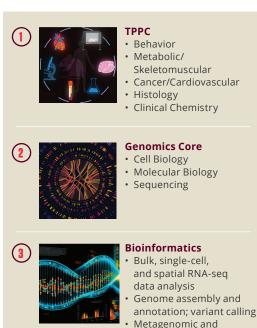


Texas A&M Institute for GENOME SCIENCES AND SOCIETY

An innovative program that has the potential to vastly improve the lives of humans and animals and to advance agricultural productivity by leveraging one of Texas A&M's strengths: collaboration by outstanding faculty, students and staff from several disciplines to address real-world issues.

The Texas A&M Institute for Genome Sciences and Society (TIGSS) functions as a virtual institute to unite and support scientists and trainees with cutting-edge core facilities supporting life sciences and biomedical research technologies to improve human, animal and environmental well-being.

LET US HELP YOU MAKE YOUR Research as easy as 1, 2, 3.



TIGSS CORE FACILITIES:

- Texas A&M Preclinical Phenotyping Core (TPPC) houses various instruments to measure and quantitate animal physiology and behavior. Our team can help guide you at every step in your translational research. At the planning stages, we provide consulting to determine the optimal molecular, physiological and behavioral assays to address your research goals. We maintain a wide suite of equipment supporting metabolic, immune, skeletomuscular, cancer, cardiovascular, inhalation toxicology and behavioral assays for detailed phenotyping of mouse models. The TPPC houses 30+ state-of-the-art equipment for all your post-genomic research needs.
- Genomics Core is available to assist with any step of the experimentation process for molecular biology and genomic applications. We offer expert consultation to aid in experimental design and training and support for individuals that would like to learn the methods for sample isolation, preparation, sequencing and analysis. This core houses 25+ cutting-edge instruments ready to accelerate your research.

Bioinformatics

TIGSS' bioinformatics Research Scientists provide consulting services for institutional, clinical and commercial clients for a wide variety of gene expression and genomics applications. Gold-standard open-source software is used to develop custom analysis pipelines. Guidance is available from experimental design all the way through the creation of publication-quality figures.

WHAT'S NEW:



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