



CANCER PREVENTION & RESEARCH INSTITUTE OF TEXAS

Award ID:
RP160844

Project Title:
Center for Innovative Drug Discovery: Enhancement of a Shared Cancer
Resource for South Texas

Award Mechanism:
Core Facility Support Awards

Principal Investigator:
McHardy, Stanton

Entity:
The University of Texas at San Antonio

Lay Summary:

This proposal outlines the enhancement and growth of the existing Center for Innovative Drug Discovery (CIDD), a truly first of its kind resource of core facilities and capabilities in South Texas to better support the discovery and development of new cancer therapeutics. The CIDD, which is comprised of two integrated core facilities for Medicinal Chemistry at UTSA and High Throughput Screening at UTHSCSA, has been providing researchers in San Antonio and South Texas access to coordinated technologies, services and expertise that advance drug discovery and development. The CIDD core facilities provide pharmaceutical industry level resources, capabilities and expertise to build collaborative programs with both academic and private industry researchers working on truly novel cancer pathways and mechanisms, thus supporting the translation of basic scientific discoveries into tangible pre-clinical candidates for further developed into novel therapies or diagnostics. The CIDD is working to fill a substantial unmet need for cancer research support in San Antonio and South Texas by providing a collaborative research platform to advance truly novel cancer ideas into tangible targeted therapies for a wide variety of cancer types. The long-term goal of our proposal is to expand our Center's capabilities in high throughput screening at UTHSCSA and in medicinal chemistry at UTSA to synergistically develop the next generation of chemotherapies and advance cancer research for all types of cancer.