



CANCER PREVENTION & RESEARCH
INSTITUTE OF TEXAS

Award ID:
RP170003

Project Title:
North Texas Clinical Pharmacology Cancer Core

Award Mechanism:
Core Facilities Support Awards - Competitive Renewal

Principal Investigator:
Leff, Richard

Entity:
Texas Tech University Health Sciences Center

Lay Summary:

There is urgent need for translating basic cancer research (discovery) results into improved care for cancer patients and/or better interventional tools to cure and/or prevent cancer. A state-of-the-art analytical facility has been established (North Texas Clinical Pharmacology Cancer Core) to help basic cancer researchers and physicians better test new drugs or new therapies. Such testing will assist investigators to better understand how cancer drugs work in the body, how the drugs treat cancer, and how to avoid unwanted effects of cancer drugs. In general, the research team of this core will support translational researchers to do research on what cancer drugs do to the body, and what the human body does to the drugs. The Core has expertise and state-of-the-art instrumentation to help cancer investigators with designing studies to optimize our understanding of drug movement in the body, the action of drugs, and the best approaches to administer the drug and enhance cures while reducing unwanted side effects. Continued funding will keep the Clinical Pharmacology Cancer Core open and operational, upgrade the Core laboratory, and expand our research capacity and capability to meet clinical pharmacology needs of North Texas cancer investigators.