



CANCER PREVENTION & RESEARCH
INSTITUTE OF TEXAS

Award ID:
RP150408

Project Title:
Cellular mechanisms of chemotherapy-induced peripheral neuropathy

Award Mechanism:
Individual Investigator

Principal Investigator:
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Entity:
The University of Texas Health Science Center at San Antonio

Lay Summary:

Chemotherapy-induced peripheral neuropathy (CIPN) is a clinically relevant pain syndrome observed in cancer patients undergoing chemotherapy that is a significant burden to patients and limits the dosage of anti-cancer drugs. There are no effective treatments for CIPN at this time. A more complete understanding of the causes of CIPN should allow development of analgesics for CIPN allowing for more effective anti-cancer drug treatments. The overarching goals of these studies are to understand the cause of CIPN and to develop appropriate treatment to advance the clinical utility of powerful anti-cancer drugs. These studies are relevant to improving treatment of solid tumors and other forms of cancer treated with agents that cause CIPN.