



CANCER PREVENTION & RESEARCH INSTITUTE OF TEXAS

Award ID:
DP180048

Project Title:
Development of KOR-8287 for the Prevention of Chemotherapy-Induced
Peripheral Neuropathy and Chemo Brain

Award Mechanism:
Texas Company Product Development Awards

Principal Investigator:
Handel, Libby

Entity:
Korysso Therapeutics, Inc.

Lay Summary:

Chemotherapy is frontline treatment for millions of cancer patients, but it can cause devastating side effects. Some side effects, like nausea, are managed by medicine. But the most common serious side effect, the burning pain, tingling, and loss of sensation in hands and feet, has no effective treatment. This condition, known as chemotherapy induced peripheral neuropathy (CIPN), is the main reason why patients fail to complete their treatments. Currently, there are no medicines to prevent CIPN. Chemotherapy may also damage the brain, causing problems with memory and higher cognitive function. This troubling mental fog is called chemo brain, and in some patients, may cause permanent disability. According to estimates there will be more Americans living with chemo brain than Alzheimer's by 2024. And, again, there are no medicines to treat this condition.

Korysso Therapeutics is a Houston-based biotechnology startup that has a single mission: to deliver medicines that prevent these side effects and allow patients to complete their chemotherapy and become healthy survivors. Based on technology invented at MD Anderson Cancer Center, Korysso is starting clinical trials with its first drug candidate, KOR-8287, this year. With CPRIT's support, we aim to prove our medicine is effective at preventing CIPN and chemo brain from developing in patients by 2020, then to commercialize this breakthrough so that it is available for physicians and patients worldwide.