MOLECULAR MECHANISMS OF PROSTATE CANCER CHEMOPREVENTION BY APIGENIN

Focus Area: Prostate Cancer  
Research Type: Translational  
Funding Source: NIH/NCI 2RO1 CA108512-06

Description:  
The major goal of this proposal is to investigate the molecular mechanisms of prostate cancer chemoprevention by apigenin, a common dietary plant flavonoid by targeting NF-kB signaling pathway in various prostate carcinoma cells and mouse models of prostate cancer.

MOLECULAR MECHANISMS OF GSTP1 ACTIVATION BY GREEN TEA POLYPHENOLS

Focus Area: Prostate Cancer  
Research Type: Translational  
Funding Source: NCI/NIH RO1 CA115491-01

Description:  
The major goal of this proposal is to investigate the molecular mechanism(s) of green tea polyphenols in reactivating epigenetically silenced GSTP1 gene in prostate cancer cells and in tumor xenograft model of prostate cancer.

CHAMOMILE AS ALTERNATIVE MEDICINE FOR PROSTATE CANCER

Focus Area: Prostate Cancer  
Research Type: Translational  
Funding Source: NCCAM/NCI RO1 AT002709-01

Description:  
The major goal of this proposal is to investigate the molecular mechanism(s) of chamomile tea in the prevention of prostate cancer in cell culture and pre-clinical models of prostate cancer.

SULLIVAN FOUNDATION FOR THE STUDY AND CURE OF PROSTATITIS

Focus Area: Prostatitis

Description:  
The major goals of this project are to understand the basic mechanisms and risk factors involved in the development of chronic prostatitis. The other goal is to understand the basic mechanisms of carcinogenesis in inflammatory microenvironment and to fill the gap between chronic inflammatory prostate tissue remodeling and cancer development.