

PHYSICS AND ASTRONOMY COLLOQUIUM

Dr. Sunil Krishnan

The University of Texas, MD Anderson Cancer Center

“Gold nanoparticle radiosensitization – the road traveled, the road ahead”

Abstract

An evolving body of recent literature alludes to the potential to sensitize tumors to radiation therapy using metallic nanoparticles. In preclinical studies, a technique that holds promise for eventual clinical deployment is nanoparticle-