

Joint Biomedical Engineering Seminar Series
MU ▪ MCW ▪ UWM

Friday, March 11, 2016
Noon-1pm
Kerrigan Auditorium
Medical College of Wisconsin



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Abstract

Optical Image Guided Interventions in Cancer: from Photon Migration to Nanomedicine

Near-infrared light travels multiple centimeters in tissue via multiple scattering and can be studied. We describe the development of NIR activable noble metal and rare earth nanoparticles with high quantum efficiency luminescence and strong photo-thermal ablation potential. Examples of image guided tumor ablation of breast cancer in rodent models will be presented.

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Medical College of Wisconsin is located at 1101 N. 87th St., Milwaukee, WI 53226.
Parking is available across the street in visitor parking. Refreshments will be provided