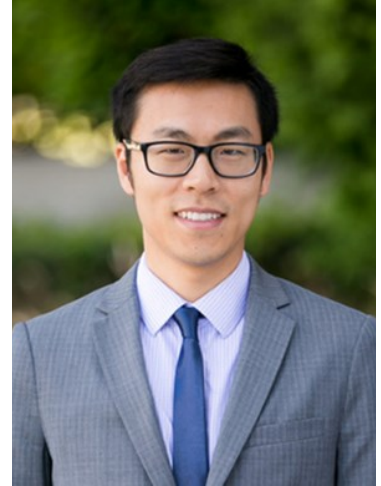


The Department of
Mechanical Engineering
PRESENTS

Shanghao Li, Ph.D.

Global Product Manager
MP Biomedicals



Friday, May 18 2018
Bourns Hall A265
11:10-12:00PM

Biomedical Applications of Nontoxic Carbon Dots

Abstract:

Carbon dots, a new family of 0-dimensional carbon-based material, have recently emerged as attractive biomaterials due to their unique properties and promising applications. This presentation will explore their biomedical application research for protein fibrillation inhibition, drug delivery to cross blood brain barrier, anticancer drug delivery, and in vivo bone imaging.

About the Speaker:

Dr. Shanghao Li graduated from University of Miami in 2014 with a Ph.D. degree in Chemistry. He studied molecular interaction at the biointerface. He continued as a Post-Doctoral Researcher at the same group until June 2016 when he joined MP Biomedicals. His current role is Global Product Manager of Immunology and Cell Biology. He has published 31 journal articles, 2 book chapters, and 1 US patent. He serves as reviewer for more than 14 international journals, including Nanoscale, Chemical Communications, Journal of Physical Chemistry, Physical Chemistry Chemical Physics