

**Topic of the Speech:**

Magnetic-Silk Core-Shell Nanoparticles as Potential Carriers for Drug and Gene Delivery

Dr. Xiubo Zhao

University of Sheffield
UK



Dr. Xiubo Zhao obtained his BEng in Biochemical Engineering from China in 2003 and his PhD from The University of Manchester in 2007. Following his PhD he was a postdoctoral research fellow for 5 years at the University of Manchester. In 2012, he joined the Department of Chemical and Biological Engineering at the University of Sheffield.

His research interests include bio-printing, biomaterials, bio-interfaces, bio-colloids, and biosensors. He has published 5 book chapters and more than 70 peer reviewed papers (h-index 31) in high-quality journals, such as Biomaterials, Biomacromolecules, Biosensors and Bioelectronics, Chemical Society Reviews, Langmuir, Soft Matter, Small, Sensors and Actuators B: Chemical.

His work on reactive inkjet printing of silk materials has attracted media attention and has been reported on ScienceDaily.com, Phys.org, ScienceNewsJournal.com, nextbigfuture.com, american-laboratory.com etc. He has been frequently invited to review papers for more than 30 peer reviewed journals.