Enhancing API bioavailability via nanotechnology for drug delivery

Shawn X. Yin
Drug Product Science and Technology Department, Research & Development, Bristol-Myers Squibb Company, USA

Materials with features on the scale of nanometers often have properties different from their macroscale counterparts. When applied in life science fields, nanotechnology has the potential to improve products. This presentation will describe some basic concepts of nanomaterials and the common technologies to prepare and characterize them. The advantages of using nanosized drugs for drug delivery applications will be illustrated with a few examples.

shawn.yin@bms.com