

# **Improving Drug Delivery with Nanoparticle Technology**

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Drug discovery is a long and arduous process. By improving delivery methods, leading drug candidates can bypass extensive structural modifications and can ultimately streamline the discovery process. Nanoparticle technology enables more biocompatible delivery techniques, as well as targeted and triggered release of therapeutics, making it a highly sought after delivery method. Specific topics covered in this seminar include nanoparticle-stabilized nanocapsule delivery, enzyme triggered release of drugs from magnetic nanoparticles, and controlled release of drugs from gold nanoparticle cages.