



Research Collaboration Opportunity

Title: Customized Nanoparticle Drug Carriers for Nucleic Acid Delivery

Description

For small and large pharmaceutical companies who require development, characterization and detailed mechanistic understanding of nanoparticle drug carriers, Nanogenius Laboratories is a company that provides complete solutions to the most challenging drug delivery requirements.

Research stage

With over 21 years experience developing lipid nanoparticles for nucleic acid drug delivery applications, world-class drug delivery systems based on lipid nanoparticles can be developed.

Types of collaborations

Development of novel drug carriers for pre-clinical evaluation.

Relevant publications

- On the mechanism whereby cationic lipids promote intracellular delivery of polynucleic acids. *Gene Ther.* 2001 Aug;8(15):1188-96.
- Tunable pH-sensitive liposomes composed of mixtures of cationic and anionic lipids. *Biophys J.* 2000 Sep; 79(3): 1438–1446.
- Lipid Nanoparticles Containing siRNA Synthesized by Microfluidic Mixing Exhibit an Electron-Dense Nanostructured Core. *J Phys Chem C Nanomater Interfaces.* 2012 Aug 30;116(34):18440-18450.

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