

## Tailoring Lipid Nanoparticles for Small Molecule Drug, Protein, and Gene Delivery

**Yamin Li, Ph. D.**

Postdoctoral Scholar  
Dept. of Biomedical Engineering  
Tufts University, Massachusetts, É.-U.

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Lieu : Via Zoom

Dr. Yamin Li is a Postdoctoral Scholar in the Department of Biomedical Engineering at Tufts University. He has extensive expertise in drug delivery and nanomedicine. Dr. Li received his PhD degree in Chemistry from the University of Science and Technology of China in 2016. His doctoral dissertation focused on the design and synthesis of stimuli-responsive polymers for (fluorescence and magnetic resonance) bioimaging and antimicrobial/anticancer small molecule drugs delivery. After joining Tufts University as a Postdoctoral Scholar, Dr. Li has spent the past four years working on the design and synthesis of new lipid nanoparticles for delivery of proteins and genes for cancer therapy and genome editing. His research interests lie at the interface of chemistry, biology, and medicine. His future research will focus on the mechanistic study and therapeutic applications of new lipid and lipid-polymer hybrid drug formulations.