Special Issue

Lipid/Polymer-Based Drug Delivery Systems

Message from the Guest Editors

Lipid/polymer-based nano delivery systems have attracted the interest of many researchers due to their unique qualities, such as the size, shape, surface modification and functionalization, mechanical strength, biodegradability, biocompatibility, etc. Lipid/polymer-based drug delivery systems could improve drug solubility, drug protection, and controlled and targeted drug delivery, exhibiting great clinical and commercial application potential in antibacterial and wound healing, mRNA virus vaccines, cancer therapy, nerve and ocular disease treatments, etc. This Special Issue focus on the latest advances and original work concerning lipid/polymer-based drug delivery system and their biomedical applications, including novel or improved synthetic routes, findings on new properties and bio–nano interactions, and translational and comparative studies. In addition, relevant biosafety and toxicity studies can be discussed.

Guest Editors

Dr. Dawei Guo
College of Veterinary Medicine, Nanjing Agricultural University, Nanjing 210095, China

Dr. Xiuge Gao
College of Veterinary Medicine, Nanjing Agricultural University, Nanjing 210095, China

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Editor-in-Chief

Prof. Dr. Patrick J. Sinko
Department of Pharmaceutics, Ernest Mario School of Pharmacy,
Rutgers University, Piscataway, NJ 08854, USA

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