

Special Issue

Advances in Lipid, Polymeric, and Albumin-Based Drug Delivery Systems

Message from the Guest Editors

Innovations in nanomedicine represent a significant part of contemporary research and development in the pharmaceutical industry and academic settings. As technology has advanced, novel carrier systems with unique properties have emerged, leading to improved bioavailability and targeted drug delivery. Lipid, polymeric, and albumin-based drug delivery systems have distinct features, requiring careful planning and experimental design to ensure their quality, safety, and efficacy. Designing strategies to overcome challenges posed by various biological barriers is a particularly exciting area in nanoparticle development. Targeted or controlled delivery to tumor sites across the blood–brain barrier also promises improved therapeutic efficacy for numerous diseases, which may currently be limited by inadequate technology.

This Special Issue aims to compile novel investigations of nanoparticle development in the realms of lipid, polymeric, or albumin-based nanoparticles. Review and original research articles are both welcome in this Special Issue, as well as articles from the regulatory perspective of these novel nanocarriers.

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Editor-in-Chief

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