Special Issue

Biological Evaluation and Biomedical Application of Nanoparticles-Based Formulations

Message from the Guest Editors

Nanoparticles-based pharmaceutical dosage forms became one of the major research areas in pharmaceutical research. The choice of lipid nanoparticles as a carrier for siRNA and mRNA in a recent marketed drug and vaccines highlights the advancements in production, characterization, and biological evaluation of nanoparticles for therapeutic and diagnostic applications. This Special Issue will therefore consider some of the recent studies in the field of biological evaluation of nanomedicines. It is open for studies that describe and discuss an original approach, technical advancement, or new models regarding nanoparticles' evaluation and models validation. Reviews discussing this topic with critical analysis and expert opinion are welcome. This Special Issue aims to provide a comprehensive overview of nanoparticles' biological evaluation using optimized protocols and experimental models.

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