

Special Issue

Recent Advances in Nanotechnology-Based Approaches for Pharmaceutical Applications, 2nd Edition

Message from the Guest Editors

Nanotechnology is a highly advantageous and promising tool that encompasses a wide range of applications in the medical field. For decades, pharmaceutical sciences have used nanoparticles to reduce the toxicity and side effects of drugs. In clinical practice, many nanodrugs are used for both diagnostic and therapeutic applications. Nanoparticles are used in the treatments of kidney diseases, tuberculosis, skin conditions, Alzheimer's disease and different types of cancer, as well as the preparation of COVID-19 vaccines. Since of engineered nanomaterials have a vast range of chemical compositions, this Special Issue focuses on recent advances in nanomedical applications and new synthesis routes of different types of nanosystems (carbon nanotubes, paramagnetic nanoparticles, dendrimers, nanoemulsions, etc.) designed for pharmaceuticals. In this regard, we cordially invite researchers working in relevant fields to submit their innovative contributions on relevant topics. Original research articles and reviews are welcome.

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