

Special Issue

Smart Nanotechnology to Enhancing Drug Delivery and Bioavailability

Message from the Guest Editor

In the dynamic landscape of pharmaceuticals, enhancing drug bioavailability remains a pivotal challenge, often addressed through innovative nanotechnology applications. This Special Issue delves into the cutting-edge strategies utilizing diverse nanostructures to revolutionize drug delivery systems. We are particularly interested in submissions that demonstrate how these nanostructures facilitate targeted delivery, improve pharmacokinetic profiles and overcome biological barriers, thereby enhancing the therapeutic effectiveness and safety profiles of drugs. The issue aims to highlight advancements in nanocarrier design that optimize the release and absorption of active pharmaceutical ingredients, addressing the critical aspects of solubility, stability and controlled release in drug delivery.

Guest Editor

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