

Special Issue

Smart Responsive Nanocomposite as Advanced Drug Delivery System in Regenerative Tissue Engineering

Message from the Guest Editors

This Special Issue, entitled “Smart Responsive Nanocomposite as Advanced Drug Delivery System in Regenerative Tissue Engineering”, aims to explore the latest advancements in the development and application of nanocomposite materials that respond to external or internal stimuli for targeted, controlled, and sustained drug delivery in tissue regeneration. We aim to highlight innovative research on the design, fabrication, and functionalization of smart nanocomposites, as well as their integration with regenerative therapies for bone, cartilage, neural, and cardiac tissues. This Special Issue also aims to address challenges in biocompatibility, safety, and scalability, and explore the potential for clinical translation.

Guest Editors

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