

Special Issue

Smart Hydrogels for Drug Delivery Systems and Precision Medicine

Message from the Guest Editors

This Special Issue highlights key advances in hydrogels for biomedical applications, focusing on precision, customization, and multifunctionality. It covers intelligent stimulus-responsive systems for drug delivery, self-assembling hydrogels, and natural or modified polymer-based hydrogels. The scope also includes nanocomposite hydrogels for controlled release and monitoring, as well as 4D-printed hydrogels with shape-memory and programmable behaviors. Contributions are invited on these innovative materials for advanced therapies in drug delivery, wound healing, and tissue regeneration.

Guest Editors

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