



Rational Design and Characterization of Hydrogels to Improve Pharmaceutical and Biomedical Applicability

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Message from the Guest Editors

Dear Colleagues,

This Special Issue serves to highlight and capture the contemporary progress and current landscape of three-dimensional networks made of interconnected hydrophilic polymer chains, including but not limited to hydrogels, cryogels, surgical adhesives, biomimetic hydrogels, smart hydrogels, self-healing hydrogels, composite hydrogels, bioinks, double-network and other interpenetrated and semi-interpenetrated hydrogels. We invite original and review articles on all aspects of the design, development, fabrication, characterization, and modeling of hydrogel systems for application in pharmacy and biomedicine, including tissue engineering and regenerative medicine.

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Guest Editors





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Message from the Editor-in-Chief

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