

Special Issue

Recent Advances in Hydrogels for Biomedical Applications

Message from the Guest Editors

We are delighted to announce the Special Issue of *Pharmaceutics*, entitled “Recent Advances in Hydrogels for Biomedical Applications”, which is dedicated to recent developments in hydrogels for biomedical applications. Hydrogels, as powerful materials with excellent biocompatibility and the ability to interface with biological environments to regenerate and/or treat tissue, have aroused the increasing interest of researchers from the fields of biomedicine, tissue engineering and drug delivery. The goal of this Special Issue is to highlight current progress in the rapidly expanding area of polymeric hydrogels for biomedical applications. Of special interest are papers that present innovative approaches to synthesising biocompatible and biodegradable hydrogels with precisely designed properties for tissue engineering/regeneration applications and controlled drug delivery, as well as papers that cover interactions between biomaterials and the biological environment: *in vitro* studies (e.g., cell biology, microbiology), as well as *in vivo* studies that move the field closer to clinical applications.

Guest Editors

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Deadline for manuscript submissions

closed (20 July 2024)



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Message from the Editor-in-Chief

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