



Hydrogels in Medicine

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Message from the Guest Editors

Hydrogels have gained attention in the medical field due to their intrinsic advantages over conventional materials and methods. Their low-cost nature, chemical variety, biological compatibility, processing methods and stimuli-responsive behavior make them an interesting alternative to current medical technologies for a broad range of applications.

This Special Issue, entitled *Hydrogels in Medicine*, covers the methods and technologies involved in the development of such matrices, from the chemistry to their applications; surface functionalization, such as thin films, hydrogel nano-patterning; biocompatibility studies with cells and tissues; flexible bioelectronics; and large-area medical devices. Applications include: in vitro diagnostics, tissue engineering, holographic sensors, flexible/wearable/implantable devices, and organ-on-chip systems.

We cordially invite you to submit your original research article or a review paper to this Special Issue

Best regards,

Dr. Rosalia Moreddu

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Guest Editor





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I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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