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Hydrogels in Biomedical Applications

Guest Editors:

Prof. Dr. Chun Gwon Park

Department of Biomedical
Engineering, Sungkyunkwan
University, Suwon 16419, Korea

Prof. Dr. Jung Seung Lee

Department of Intelligent
Precision Healthcare
Convergence, Sungkyunkwan
University, Suwon 16419, Korea

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Message from the Guest Editors

For many years, hydrogels have been the cornerstone of countless biomedical research. Hydrogels consist of various tunable parameters, such as loading efficacy, stimuli responsiveness, hydrophobicity, and swelling properties, which make hydrogels typically applicable to most biomedical research. Today, there is a trend towards utilizing hydrogels as an interdisciplinary bridge across various biomedical fields including: pharmaceutical drug delivery, clinical therapies, surgeries, cosmetics, marketed products, and much more.

This Special Issue rides on this trend to highlight a myriad of novel hydrogels specifically tuned for biomedical applications. We invite both reviews and original articles that shed light on past challenges via the use of natural and/or synthetic hydrogels. Topics may include hydrogels as drug carriers, targeting moieties, regulatory platforms or enhancement of past therapies as well as tissue engineering and regenerative medicine. Any research that addresses our topic “Hydrogels for Biomedical Applications” is welcomed.





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Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química Estrutural (CQE), Institute of Molecular Sciences, Faculdade de Ciências, Universidade de Lisboa, Lisboa, Portugal

Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*.

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We hope to handle your contribution to *Pharmaceuticals* soon.

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Pharmaceuticals Editorial Office
MDPI, Grosspeteranlage 5
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