

## Special Issue

# Polymeric Hydrogels for Biomedical Applications

### Message from the Guest Editor

Hydrogels, due to their high water content and structure close to living organisms, are used as versatile biomedical materials in industries and research. Recently, research on functionalization of the polymers and frameworks of hydrogels, as well as separation and material transportation utilizing their network structure, has been highlighted. The objective of this Special Issue is to deepen our knowledge on hydrogels aimed at biomedical application from a broader perspective. From the design and synthesis of the structure polymers to the proposition, development, and elucidation of processes involved in a variety of phenomena that appertain hydrogels, such as gelation, functionalization, drug release, and separation, we extend our scope with the aim to introduce new knowledge on hydrogel to accelerate its application as well as to seek unprecedented potentials of hydrogels as a biomedical material.

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### Guest Editor

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### Deadline for manuscript submissions

closed (10 August 2021)



## Processes

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