



## Recent Advances and Novel Applications of Polymer Gels

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### Message from the Guest Editor

Dear Colleagues,

Polymer gels have vastly developed in various fields, such as industry, medicine, and food, because of their unique properties. In addition to a basic evaluation of their physical characteristics, polymer gels are the subject of many reports in which the following functions are attributed: high strength, self-repairing property, and external stimulus responsiveness. It is, then, inevitable that the use of polymer gels will continue to expand in the future.

The objective of this Special Issue is to provide a wide range of new information on polymer gels, such as knowledge on novel properties and functions of polymer gels and elucidation of the mechanism of existing physical properties. We hope that the report in this issue will inspire the production of new materials.

Dr. Yuki Akagi

*Guest Editor*





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