# Special Issue

# Gel-Supported Catalysts for Sustainable Chemistry

## Message from the Guest Editor

In recent years, gels have played a crucial role in biocatalysts, particularly in the field of enzymatic reactions. The activities of gels in biocatalysts involve immobilizing enzymes within a three-dimensional porous matrix, retaining the catalytic activity, enhancing substrate accessibility, protecting from inhibitors, and providing controlled release. Therefore, the development of polymeric gels in the form of hydrogels and others is continuously evolving to improve their activities for applications in immobilization matrixes, sensing, detection and monitoring, tissue engineering, wound healing, and drug delivery. Thus, this Special Issue has been launched to collect original research and reviews to provide a comprehensive overview of the fundamental design concepts and future direction of enzyme-loaded polymeric gels.

## Guest Editor

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## Deadline for manuscript submissions

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# About the Journal

## Message from the Editor-in-Chief

*Gels* (ISSN 2310-2861) is recently established international, open access journal on physical and chemical gel-based materials. The journal aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. General topics include but not limited to synthesis, characterization and applications of new organogels, hydrogels and ionic gels made either from low molecular weight compounds or polymers, composite and hybrid materials where a metal is by some means incorporated into the gel network, and computational studies of these materials in order to provide a better understanding of gelation mechanism. We cordially invite you to consider publishing with us and contribute with your own grain of sand to the advance in this fascinating field.

## Editor-in-Chief

Prof. Dr. Esmaiel Jabbari
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