

## Special Issue

# Antimicrobial Gels and Related Process Technologies

### Message from the Guest Editor

Due to the recent pandemic affecting everyday life, people have realized the importance of antimicrobial materials offering significant protection for human health. However, antimicrobial materials are important in many other different fields, offering material protection and support in cases of autoimmune diseases such as atopic dermatitis. Also, antimicrobial materials are useful in helping people with diabetes to avoid diabetes foot syndrome. Against this background, this Special Issue is dedicated to gels with antimicrobial properties but also to any kind of process technologies used for the preparation of antimicrobial gel materials or coatings. Functional antimicrobial and innovative materials are of high interest in science and for industrial application and will find a broad auditorium in this Special Issue.

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### Guest Editor

Prof. Dr. Boris Mahltig

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### Deadline for manuscript submissions

closed (31 July 2025)



## Gels

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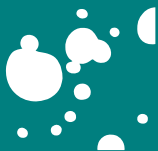


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## About the Journal

### Message from the Editorial Board

*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.

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### Editors-in-Chief

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