

# Special Issue

## Advanced Biomaterials, Coatings and Techniques: Applications in Medicine and Dentistry

### Message from the Guest Editors

It is our pleasure to invite you to submit a manuscript to the Special Issue “Advanced Biomaterials, Coatings and Techniques: Applications in Medicine and Dentistry”.

The use of biomaterials for medical and oral applications is associated with specific issues concerning their biocompatibility, bio-integration, antimicrobial properties, corrosion resistance and long-term performance. Coatings play an important role in achieving the most crucial properties of biomaterials through surface modification, making them suitable for medical and oral applications. The aim of this Special Issue is to provide an updated outlook on the applications of biomaterials and coatings in medicine and dentistry, as well as presenting innovative manufacturing technologies. It represents a good opportunity for researchers and scholars worldwide to disseminate different aspects of their work and reporting the results related to this topic. Research articles, reviews, and communications are equally invited for this Special Issue. For further reading, please click the link:

[https://www.mdpi.com/journal/coatings/special\\_issues/Biomaterials\\_Medicine](https://www.mdpi.com/journal/coatings/special_issues/Biomaterials_Medicine)

### Guest Editors

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### Deadline for manuscript submissions

closed (20 March 2025)



## Coatings

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## About the Journal

### Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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### Editors-in-Chief

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