

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

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Message from the Guest Editors

Dear Colleagues,

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/Biomater



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Special Issue

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Message from the Editorial Board

Now more than ever, research is called for to produce technologies and improve knowledge 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 at the center of most contemporary research. Surface science and engineering play a key role in this regard. Refining surfaces and their modifications provides new materials, architectures and processes with a huge potential to aid most societal challenges. *Coatings* is a well-established, peer-reviewed, online journal that focuses on the dissemination of publications in the field of surface science and engineering. *Coatings* publishes original research articles that report cutting-edge results and review papers on the hottest topics.

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