

Surface Treatment of Biomedical Polymer Scaffolds

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Message from the Guest Editors

Dear Colleagues,

Biomedical materials have gradually become a necessary solution for the treatment of many clinical diseases. In order to enhance the biocompatibility of biomaterials and achieve better biological function, it is very important to improve the structure, composition and properties of the bio-scaffolds' surface. Therefore, we would like to invite you to submit your original research to this Coatings Special Issue entitled "Surface Treatment of Biomedical Polymer Scaffolds".

We encourage you to send manuscripts containing scientific findings within the broad field of biomedical materials. The topics of interest for this Special Issue, in particular, include (but are not restricted to):

Tissue engineering scaffolds;
Biomedical polymer materials;
Surface modification;
Surface chemical grafting;
Biomimetic construction;
Gradient structure biomaterials;
Surface antibacterial materials;
Surface anticoagulant materials;
Surface functionalization;
Surface biocompatibility.



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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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