

Special Issue

Nanostructured Materials and Interfaces: Biomedical and Healthcare Applications

Message from the Guest Editors

The purpose of this Special Issue is to consolidate recent findings and provide new insights into the production and characteristics of nanostructured materials and interfaces with biomedical significance. Thus, we aim for this Special Issue to serve as an invaluable reference to those working on the design of novel nanostructured materials and interfaces for healthcare applications. Research topics of interest of the present Special Issue include, but are not limited to, the following:

- Design and synthesis of nanostructured materials and interfaces, evaluations of their physicochemical properties, biological activity, and healthcare potential;
- Recent scientific and technological developments of nanostructured materials and interfaces and emerging biomedical and clinical applications;
- Surface characterization and current challenges in processing technologies and engineering specific interfaces relevant for biomedical use;
- Different methods and alternative technologies to obtain multifunctional 2D and 3D nanostructured interfaces with biomedical and healthcare applications.

We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (25 January 2026)



Coatings

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Impact Factor 2.8
CiteScore 5.4



mdpi.com/si/182570

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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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