

Special Issue

Advanced Coatings and Materials for Biomedical Applications

Message from the Guest Editors

The evolution of advanced materials and coatings has fundamentally transformed the domain of biomedical applications, providing groundbreaking solutions to improve the performance, biocompatibility, and durability of medical devices and implants. As biomedical technologies continue to evolve, there is a growing demand for materials and coatings that can impart multifunctional properties.

This Special Issue aims to highlight recent advancements and innovative fabrication techniques that enable biomedical materials and coatings to meet the complex demands of modern medicine. The objective is to promote a better understanding of the materials and methods that will influence the future of biomaterials and enhance patient care worldwide.

Guest Editors

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Deadline for manuscript submissions

26 July 2026



Coatings

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.4



mdpi.com/si/250371

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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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