

Special Issue

Coatings with Natural Products

Message from the Guest Editor

Research on novel bio coatings has grown in recent years, attracting interest from academic and industrial researchers worldwide, particularly in the biomedical applications of nanotechnology, driven by the outstanding benefits that their translation can offer, e.g., enhancement of sensitivity and efficacy and safety of existing diagnostic, treatment, and combination strategies. In this Special Issue, we expect contributions from a broad community of scientists working on application of bio-based coatings in biology/medicine and interdisciplinary teams. In particular, the topics of interest include but are not limited to the safety of novel biocoatings intended for use on humans.

- Coatings with antimicrobial properties;
- Coatings preparation through green chemistry strategies;
- Coatings with added natural functional ingredients;
- Applications of bio-based coatings.

Guest Editor

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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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