

Coatings with Natural Products

Guest Editor:

Dr. Camelia Ungureanu

Department of General
Chemistry, University Politehnica
of Bucharest, 060042 Bucuresti,
Romania

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Message from the Guest Editor

Dear Colleagues,

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.



Editors-in-Chief

Prof. Dr. Wei Pan

State Key Laboratory of New
Ceramics and Fine Processing,
School of Materials Science &
Engineering, Tsinghua University,
Beijing 100084, China

Dr. Emerson Coy

NanoBioMedical Centre, Adam
Mickiewicz University in Poznań,
ul. Wszechnicy Piastowskiej 3, 61-
614 Poznań, Poland

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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Coatings Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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