



Novel Approaches on the Coatings Materials: Biomedical and Industrial Applications

Guest Editors:

Dr. Magdalena Malik

Faculty of Chemistry, Wrocław
University of Science and
Technology, Wybrzeże
Wyspiańskiego 27, 50-370
Wrocław, Poland

Dr. Ewa Brychcy-Rajska

Department of Animal Products
Technology and Quality
Management, Wrocław University
of Environmental and Life
Sciences, C. K. Norwida 25, 50-
375 Wrocław, Poland

Deadline for manuscript
submissions:

closed (15 September 2023)

Message from the Guest Editors

Dear Colleagues,

It is a great pleasure to invite you to contribute your original research to this Special Issue: “Novel Approaches on the Coatings Materials: Biomedical and Industrial Applications” focused on the preparation, characterization, properties, and applications of biocoatings and films.

“Novel Approaches on the Coatings Materials: Biomedical and Industrial Applications” aims to summarize advanced studies related to thin-film and coating preparation and characterization for biomedical or industrial application, which expands the horizons of this field.

In particular, topics of interest include, but are not limited to, the following:

- Design of biomedical coatings;
- Surface biological activity modification of biocoatings on/of widely used materials;
- Preparation and modification of the biological coatings based on natural products;
- Novel materials used in a wide range of coating systems for industrial applications;
- Coating procedures, methods, technologies and testing.





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 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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (Physics, Applied) / CiteScore - Q2 (Surfaces, Coatings and Films)

Contact Us

Coatings Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/coatings
coatings@mdpi.com
X@Coatings_MDPI