

# Special Issue

## Recent Advances in Bioactive Film Coatings

### Message from the Guest Editors

Bioactive film coatings have become more widely researched in the last decade because of their good bioactivity, biocompatibility, and mechanical properties. The purpose of this Special Issue is to present the latest experimental and theoretical developments on bioactive film coatings, which comprises a combination of original research papers, letters, and review articles from leading groups around the world. The main topics covered by this Special Issue are scientific contributions on, but are not limited to, the following topics:

- Deposition technologies of bioactive film coatings;
- Surface characterization;
- Characteristics of bioactive film coatings, which might include mechanical, electrochemical, and biological properties;
- Osseointegration and adhesion;
- Advanced bioactive film coating applications.

Therefore, this Special Issue of *Coatings* will collect original high-quality research papers covering the most recent advances and comprehensive reviews addressing state-of-the-art topics in the field of bioactive film coatings. We hope that the contributions to the present Issue can effectively support the research on bioactive film coatings.

### Guest Editors

Prof. Dr. Han-Cheol Choe

Chosun University, Dept Dent Mat, Coll Dent, Gwangju, South Korea

Dr. Mosab Kaseem

Department of Nanotechnology and Advanced Materials Engineering, Sejong University, Seoul 05006, Republic of Korea

### Deadline for manuscript submissions

closed (31 July 2022)



## Coatings

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.4



[mdpi.com/si/46827](https://mdpi.com/si/46827)

*Coatings*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[coatings@mdpi.com](mailto:coatings@mdpi.com)

[mdpi.com/journal/  
coatings](https://mdpi.com/journal/coatings)





# Coatings

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.4



[mdpi.com/journal/  
coatings](https://mdpi.com/journal/coatings)



## 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.

---

### 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

---

### 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)