



Novel Thin Film Materials for Biomedical Application

Guest Editor:

Prof. Dr. Erfan Zal Nezhad

Thin Film Coating Laboratory,
Department of Mechanical
Engineering, Hanyang University,
Seoul, Korea

Deadline for manuscript
submissions:

closed (25 August 2017)

Message from the Guest Editor

Dear Colleagues,

Scope of this Special Issue is on thin film coatings for biomedical applications; this includes: Thin film nanocomposite coating over biomaterials to enhance properties, such as mechanical, tribology, biocompatibility, and corrosion resistance, of biomaterials.

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

- Biomaterials coating
- Mechanical behavior of biomaterials after coating
- Tribological Properties of thin film deposited biomaterials
- Corrosion resistance of coated biomaterials
- Biocompatibility of nanocomposite deposited over biomaterials

Prof. Dr. Erfan Zal Nezhad

Guest Editor





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), Inspec, 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