

## Self-assembled Monolayers and Multilayers (SAMs/SAMTs) for Medicine and Dentistry

Guest Editor:

**Dr. James Kit-Hon Tsoi**

Dental Materials Science, Faculty  
of Dentistry, The University of  
Hong Kong, Sai Ying Pun, Hong  
Kong

Deadline for manuscript  
submissions:

**closed (15 October 2015)**

### Message from the Guest Editor

Dear Colleagues,

Over the years, nanotechnology has been vastly applied in medical and dental fields. In particular, self-assembled monolayers and multilayers (SAMs/SAMTs) have been put into services and have gained wide acceptance by practitioners and researchers due to several reasons, such as surface functionalization, ease of application, high biocompatibility, and simplicity. In this Special Issue, all review and research articles related to SAMs/SAMTs in medical and dental fields are welcomed. Emphasis should be put on, but not limited to, chemical, physical, biological, clinical, theoretical, and mechanical aspects, and multi-disciplinary approaches to SAMs/SAMTs. The Special Issue is keen on the exchange and sharing of scientific knowledge and evidence via the Open Access journal Coatings, and targets to sustain the impact of SAMs/SAMTs.

Dr. James Kit-hon Tsoi

*Guest Editors*



[mdpi.com/si/4701](https://mdpi.com/si/4701)

# Special Issue

## 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.

## 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 (*Materials Science, Coatings & Films*) / CiteScore - Q2 (*Surfaces and Interfaces*)

## Contact Us

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

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

mdpi.com/journal/coatings  
coatings@mdpi.com  
X@Coatings\_MDPI