



an Open Access Journal by MDPI

## Selected Papers from BIOMMEDD 2018 Conference—Biomaterials

Guest Editor:

**Prof. Dr. Iulian Vasile Antoniac**

Faculty of Material Science and  
Engineering, University  
Politehnica of Bucharest, 313  
Splaiul Independentei Street,  
District 6, 060042 Bucharest,  
Romania

Deadline for manuscript  
submissions:

**closed (30 November 2019)**

### Message from the Guest Editor

Dear Colleagues,

This Special Issue will publish papers by authors who presented at the conference the 8th International Conference “Biomaterials, Tissue Engineering & Medical Devices” BIOMMEDD’2018 held in Cluj-Napoca, Romania, 27–29 September, 2018. Papers in the following main topics will be considered in this Special Issue:

- Biomaterials;
- Scaffolds;
- Biodegradable metals;
- Tissue engineering;
- Next generation of implants with multifunctional properties and surface modifications;
- Advanced synthesis, processing and characterization methods for biomaterials;
- Advanced bioceramics in clinical use;
- Evaluation of the clinical performance for various biomaterials and medical devices
- Biofabrication and 3D models for medical purpose

Prof. Iulian Antoniac  
*Guest Editor*



[mdpi.com/si/19120](https://mdpi.com/si/19120)

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

## Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

## 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), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

**Journal Rank:** JCR - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (*Condensed Matter Physics*)

## Contact Us

---

Materials Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/materials](http://mdpi.com/journal/materials)  
[materials@mdpi.com](mailto:materials@mdpi.com)  
[X@Materials\\_Mdpi](https://twitter.com/Materials_Mdpi)