

## Special Issue

# Biocompatible Materials Investigated with Optical Methods

### Message from the Guest Editor

The aim of this Special Issue is to bring together such optical and non-optical methods for in vitro and/or in vivo characterizations of biocompatible materials. Of special interest are hot topics such as OCT, as well as emerging techniques and, also, the correlation of a range of methods (as mentioned above) to design, test, optimize, or assess after the implementation of biomaterial, for both the material as well as the corresponding tissue. Development and testing of dedicated systems and probes, as well as image and data processing to optimize biomaterials assessments, are also encouraged. Keywords:

- biomaterials
- biocompatibility
- optical methods
- biophotonics
- biomedical imaging
- optical coherence tomography (OCT)
- optical microscopy
- confocal microscopy
- X-rays investigations
- data/image processing

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### Guest Editor

Prof. Dr. Virgil-Florin Duma

1. 3OM Optomechanics Group, Faculty of Engineering, "Aurel Vlaicu" University of Arad, Arad, Romania
2. Department of Measurements and Optical Electronics, Faculty of Electronics, Telecommunications, and Information Technology, Polytechnic University of Timisoara, Timișoara, Romania
3. Center of Research and Development for Mechatronics, National University of Science and Technology POLITEHNICA, Bucharest, Romania

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### Deadline for manuscript submissions

closed (20 February 2023)



## Materials

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*Materials*

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

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## About the Journal

### 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.

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### 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

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