

Special Issue

Innovative Biomaterial Solutions for Translational Tissue Engineering and Regenerative Medicine

Message from the Guest Editor

It is my privilege to invite you to submit a manuscript for an upcoming Special Issue of *Materials*, entitled “Innovative Biomaterial Solutions for Translational Tissue Engineering and Regenerative Medicine”. Innovative tissue engineering and regenerative medicine solutions that incorporate nanobiotechnology, advanced biomaterials, computer assistance, three-dimensional printing, and robotic systems offer extensive potential for augmenting and improving the functional and esthetic cranio-maxillo-facial and oral-dental health profile of patients. Through a collection of original papers, this Special Issue aims to exhibit the latest state-of-the-art in R&D&i ideas, concepts, findings, achievements, and future projections and promote awareness of this rapidly-evolving and enabling multidisciplinary technology, thereby encouraging bridging the gap between medicine, dentistry, pharmacy, material sciences and engineering (including sub-specialities, extending to the head and neck, orthopaedics, oncology, amongst others) for research collaboration across the fields to address the critical and urgent bio-dental/bio-medical concerns.

Guest Editor

Prof. Dr. Ziyad S. Haidar

1. Founder and Director of BioMAT²X R&D&i (HAiDAR I+D+i)LABs, Las Condes, Santiago, Chile
2. Professor and Scientific Director—Research, Development and Innovation, Faculty of Dentistry, Universidad de los Andes, Santiago, Chile
3. Professor, Dental Sciences Doctoral Program, Faculty of Dentistry, Universidad de los Andes, Santiago, Chile
4. Professor, CiiB, BioMedicine Doctoral Program, Faculty of Medicine, Universidad de los Andes, Santiago, Chile

Deadline for manuscript submissions

closed (31 December 2019)



Materials

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/18049

Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

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





Materials

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



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



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.

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

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 - Q2 (Metallurgy and Metallurgical Engineering) /
CiteScore - Q1 (Condensed Matter Physics)