

Special Issue

Bioactive Glasses 2019

Message from the Guest Editor

Bioactive glasses are a group of surface-reactive, glass-ceramic biomaterials; bioactive glasses bond to tissues and are biocompatible. They have a wide range of applications due to their versatile properties, which can be properly designed depending on their composition. The focus of the “Bioactive glasses 2018” Special Issue is to provide and comprehend important topics: Synthesis, design, development and applications of bioglasses. Some interesting topics (among others, and not limited to) are: Bioderived bioglasses with functionalized nanostructures, encapsulation and adsorption of biomolecules in the surface of bioglasses and interactions with the host matrix, molecular dynamics simulation applied at the atomic level regarding the bulk and surface structures of the glasses. With immense pleasure, we invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are welcome.

Guest Editor

Prof. Dr. Gigliola Lusvardi

Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia, Via G. Campi 103, 41125 Modena, Italy

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

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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

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