



materials



an Open Access Journal by MDPI

Biopolymers for Technology Applications

Guest Editors:

Prof. Dr. Anderson de Oliveira Lobo

Department of Materials Engineering, Federal University of Piauí, Teresina, Brazil

Prof. Thomas Jay Webster

Department of Chemical Engineering, Northeastern University, Boston, MA 02115, USA

Dr. Edson C. Silva-Fiho

Chemistry Department, Universidade Federal do Piauí, Teresina 64049-550, PI, Brazil

Deadline for manuscript submissions:

closed (30 November 2020)

Message from the Guest Editors

Dear Colleagues,

Biopolymers are organic molecules that are composed of repeating monomers and produced by living organisms, and they have many applications in different research fields. In this Special Edition, we are aiming to receive papers including experimental and theoretical studies on the fundamental behavior as well as applications of biopolymers, coming from the interdisciplinary physical chemistry, biochemical, biophysical, and biomedical research communities.

Prof. Anderson Oliveira Lobo

Prof. Thomas Jay Webster

Prof. Edson Cavalcanti da Silva Filho

Guest Editor



mdpi.com/si/35955

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

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)