



an Open Access Journal by MDPI

Bio-Inspired Porous Materials and Biomaterials

Guest Editor:

Dr. Hajar Maleki

Institute of Inorganic Chemistry,
Department of Chemistry,
University of Cologne,
GreinstraÙe 6, 50939 Kln,
Germany

Deadline for manuscript
submissions:

closed (31 August 2022)

Message from the Guest Editor

In this Special Issue, the aim is to focus on bio-inspired porous materials, particularly those processed from sol-gel and self-assembly synthesis, accompanied by bio-inspired material processing techniques like hard templating, directional freeze-casting and 3D printed approaches. While the main emphasis will be given to the synthesis and design principles, and the problems associated with engineering aspects of fabricating advanced porous materials, including bio-ceramics, hydrogels, and composites, their in-vitro and in-vivo applications for bone and wound healing will also be highlighted.



mdpi.com/si/77255

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Felipe Fregni

1. Neuromodulation Center and
Center for Clinical Research
Learning, Spaulding
Rehabilitation Hospital and
Massachusetts General Hospital,
Harvard Medical School, Boston,
MA 02114, USA
2. Department of Epidemiology,
Harvard T.H. Chan School of
Public Health, Boston, MA 02115,
USA

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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*, *CAPlus / SciFinder*, and other databases.

Journal Rank: JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q2 (*Medicine (miscellaneous)*)

Contact Us

Biomedicines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/biomedicines
biomedicines@mdpi.com
X@Biomed_MDPI