



Synthesis, Characterization, and Biomedical and Pharmaceutical Applications of Ionic Liquids—In Memory of Professor Cinzia Chiappe

Guest Editor:

Dr. Lorenzo Guazzelli

Department of Pharmacy,
University of Pisa, Via Bonanno 6,
Pisa, Italy

lorenzo.guazzelli@unipi.it

Deadline for manuscript
submissions:

31 December 2020

Message from the Guest Editor

Ionic liquids have attracted an enormous deal of interest in the last twenty years thanks to their peculiar and yet tunable physicochemical properties. Some exciting work (e.g., drug delivery systems, API-ILs, antimicrobial/anticancer agents) has been reported thus far, but it is indeed clear that further investigations will be crucial in defining the scope of ionic liquids in this area. Several different aspects still need to be understood in depth, and multidisciplinary approaches will be instrumental for the challenging task of identifying and designing optimal ionic liquids. The ultimate goal is no less than the development of future therapies, together with the implementation of platform systems endowed with beneficial properties, for human health.

Therefore, in this Special Issue, both novel ionic liquids as well as the relationship between properties and constitutive ions will be highlighted and discussed, with special emphasis on their potential to impact the biomedical sector.

It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

James McGill Professor,
Professor of Biomedical
Engineering, Professor of
Bioengineering, Professor of
Experimental Surgery,
Department of Biomedical
Engineering, Faculty of
Medicine/Faculty of Dentistry,
Duff Medical Science Building,
3775 University Street, Montreal,
QC, H3A 2B4, Canada

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers fourteen comprehensive topics: Biomaterials; Energy Materials; Composites; Structure Analysis; Porous Materials; Manufacturing Processes; Advanced Nanomaterials; Smart Materials; Thin Films; Catalytic Materials; Carbon Materials; Materials Chemistry; Materials Physics; Optics and Photonics; Corrosion; Building Materials. The distinguished and dedicated editorial board and our strict peer-review process ensure the highest degree of scientific rigor and review of all published articles.

Materials provides an 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 by the Science Citation Index Expanded (Web of Science), Ei Compendex and other databases. Citations available in PubMed, full-text archived in PubMed Central.

CiteScore (2018 Scopus data): **3.26**, which equals rank 97/439 (Q1) in 'General Materials Science'.

Contact Us

Materials
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/materials
materials@mdpi.com
@Materials_Mdpi