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

Guest Editor:

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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.



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Special Issue



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Message from the Editor-in-Chief

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