

Special Issue

Bio-Based Aluminosilicates: From Waste to Precursor in Medical & Biotech Applications

Message from the Guest Editors

This Special Issue aims to present an overview of the most recent molecular research advances in bio-based aluminosilicates, their purification, synthesis, characterization and applications, especially in medicine, biotechnology and bioengineering. Potential topics include, but are not limited to:

- Mining of aluminosilicates from waste matrices;
- Ash fractions as a source of aluminosilicates;
- Synthesis of aluminosilicates;
- Aluminosilicates in medical applications;
- Aluminosilicates as drug carriers and drug suppliers;
- Aluminosilicates as precursors for bone tissue;
- Aluminosilicates as precursors for biosensors;
- Aluminosilicates in hemodialysis;
- Aluminosilicates in therapeutics;
- Aluminosilicates as antioxidants;
- Aluminosilicates as antimicrobial agents;
- Aluminosilicates as adsorbents for toxins.

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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