



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

Guest Editors:

Prof. Dr. Gabrijel Ondrasek

Department of Soil Amelioration,
Faculty of Agriculture University
of Zagreb, 10000 Zagreb, Croatia

Prof. Dr. Maria Harja

Department of Chemical
Engineering, Faculty of Chemical
Engineering and Environmental
Protection, "Gheorghe Asachi"
Technical University of Iasi, D.
Mangeron, 73, 700050 Iasi,
Romania

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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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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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*International Journal of Molecular
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MDPI, Grosspeteranlage 5
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