



Biomedical Composites: Material Science and Corrosion Resistance Aspects

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 January 2023)

Message from the Guest Editor

The aim of the Special Issue on “Biomedical Composites: Material Science and Corrosion Resistance Aspects” is to collect high-quality papers and reviews on the theoretical and experimental study of composite biomedical materials evidencing recent progresses in material science and electrochemical biocorrosion aspects. The use of composite biomaterials is finalized to solve the constraints of single materials by highlighting their functionality in the human body environment. All research groups with different backgrounds working in this area are invited to propose to the Special Issue the development of their research on all types of biomedical composite materials with both theoretical and experimental approaches.

Potential topics include but are not limited to:

- Synthesis of composites for biomedical applications;
- Composite coatings with improved biocorrosion resistance;
- Physicochemical, electrochemical, mechanical, tribological, biological, structural and functional characterization of biomedical composites;
- Theoretical modeling of the synthesis processes or the functioning of composite biomaterials in the human body.

