Bioactive Glass Nanoparticles: From Synthesis to Materials Design for Biomedical Applications

Guest Editor:

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Deadline for manuscript submissions:
closed (31 March 2020)

Message from the Guest Editor

The aim of this Special Issue is to contribute to this field and offer a comprehensive overview of both technological advances and applications.

Proposed topics include, but are not limited to

- Top-down processing of nanoparticles;
- Sol-gel synthesis processes;
- Innovative production methods;
- Nano-porous drug delivery systems;
- Nanoparticles-reinforced composite materials;
- Implant coating strategies;
- Nanoparticles dispersions for dentistry and wound healing;
- Antibacterial effects of bioactive glass nanoparticles and related materials;
- Biological activity of nanoparticles-based materials.

Special Issue

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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