Special Issue

Bioactive Glasses: Theory, Methods and Applications

Message from the Guest Editor

Tissue engineering holds great promise for organ regeneration, but without the correct scaffolds, the dream of rapid regeneration via tissue engineering remains beyond our grasp. Bioactive materials in bone tissue engineering are often narrowly considered as those that have the ability to bond to mineralised bone tissue in the physiological environment. This Special Issue of *Applied Sciences*, "Bioactive Glasses: Theory, Methods and Applications", is intended to cover recent advances in bioactive glasses and their composites, including:

- Structural aspects of bioactive glasses (formulation and spectroscopic analysis);
- Production methods and novel forms (e.g., electrospinning, nano-sphere production, hollow microspheres, etc.);
- Advanced mechanical analysis of bioactive glasses and their composites;
- In vitro analysis investigating the bioactive potential of bioactive glasses and their composites;
- In vivo analysis investigating the bioactive potential of bioactive glasses and their composites.

For further reading, please visit the ***Special Issue website.***

Guest Editor

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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.

Editor-in-Chief

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