

Special Issue

Applied Biomaterials for Dental Implantology: Researches and Applications

Message from the Guest Editors

The ongoing development of new technologies, together with novel biomaterials and modified implant surfaces, have begun to rewrite the overall success of rehabilitation in dentistry. Enhancing implant stability over time with innovative biomaterials, in combination with more hydrophilic surfaces, has presented a valid solution to set the peri-implant hard and soft tissues, from single teeth to complete arches. These new biomaterials for bone and soft tissue regeneration, together with digital solutions in implant dentistry, have set a new benchmark in regenerative dentistry.

Keywords:

- computer-guided surgery
- navigation surgery
- robotic surgery
- digital implantology
- bone regeneration
- soft tissue augmentation

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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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