



Recent Progress in Dental and Implant Biomaterials

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Deadline for manuscript
submissions:

closed (31 January 2023)



Message from the Guest Editors

Dentistry in general, and especially oral implantology, have developed tremendously in recent decades. For many years, extensive research articles have been published about the importance and the influence of biomaterials used in dental medicine and dental implantology in order to increase the success rate of the treatments, but there are still many aspects that need to be clarified. For this reason, we are launching this Special Issue as an excellent opportunity to publish your valuable work on this topic and to present your contribution in order to improve the clinical standards of quality through biomaterials research.

Some proposed topics for this Special Issue include (not a limited list):

- The influence of biomaterials on periodontal disease;
- Novel biomaterials used in implantology;
- Composite resins and bacteria retention;
- SEM microscopy evaluation of different biomaterials;
- EDX analysis of biomaterials used in dentistry;
- Toxicological effects of biomaterials used in oral environment.



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Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

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