

Bioactive Coatings on Elements Used in the Oral Cavity Environment

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Message from the Guest Editors

Dear Colleagues,

The cooperation between medical sciences, including dentistry, and materials engineering, is a space for solutions capable of changing everyday clinical work to be born. The modification of a dental element's surface through the use of bioactive coatings is a promising method for improving their biocompatibility and coping with complications resulting from the influence of pathogens. With the belief that research in this field could change the face of modern dentistry in all its specialties being at the heart of this new Special Issue of *Coatings*, original research and review articles will be featured. Contributions will focus on the basics and applications of bioactive coatings on elements used in the oral environment, with an aim to emphasize the impact of this method on increasing biocompatibility and reducing complications.

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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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