Special Issue

Innovation in Dental and Orthodontic Materials

Message from the Guest Editors

The future of orthodontics and dentistry is significantly influenced by the advent of digital technology and the change in expectations of our patients. A modern approach often requires an interdisciplinary and multidisciplinary know-how, the use of digital technologies for treatment planning to enhance the predictability of the execution, and a comprehensive team approach. New technologies can help in reducing the invasiveness of the clinical procedures. Recent advances in nanotechnology and 3D printing have rapidly spread and manufacturers continuously develop new materials and solutions to provide high-quality dental care with particular attention to the long-term follow-up. Restorative prosthodontics, oral surgery, implants, periodontology, and orthodontics are all involved in this continuing evolution. This Special Issue focuses on all the recent technology that can enhance the mechanical properties of materials used in all different branches of dentistry. For this purpose, we invite you to submit original research articles and systematic reviews on any of the topics mentioned above.

Guest Editors

Dr. Giovanni Bruno

Dr. Alberto De Stefani

Dr. Antonio Gracco

Deadline for manuscript submissions

closed (31 December 2024)

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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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