



Recent Advances in Laser Technology for Dental Materials and Biomedical Engineering

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Message from the Guest Editors

Dear Colleagues,

The application of laser technology for dental materials allows for novel applications in bioengineering for clinical use in medicine, veterinary medicine, and dentistry. Moreover, lasers can be used in biomedical engineering to enhance the properties of biomaterials used for soft and hard tissue reconstruction. Presently, a wide brand of various laser wavelengths is used for different therapeutical reasons in surgery, orthopedics, and dentistry. Laser dental material modification can be used to treat patients needing conservative, prosthetic, orthopedic treatment, and rehabilitation with dental implants.

The most advanced research and improvements in laser technologies for dental materials and biomedical engineering will be accepted in this Special Issue. Special attention will be paid to new procedures and approaches of laser technology for bioengineering, the pre-clinical and clinical application of lasers to achieve adhesion effects, and material properties in conservative, endodontic, prosthetic, orthodontic, and periodontal treatment. Studies displaying the effects of laser light and precisely describing the laser parameters will also be considered.





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Message from the Editor-in-Chief

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