

Special Issue

Laser Applications in Medicine: Current Status and Emerging Challenges

Message from the Guest Editor

Being faster and less invasive with high precision, lasers have penetrated most medical disciplines over the past half century. Medical lasers are characterized by specific wavelengths, power outputs, and pulse durations tailored to target different tissues, and they achieve the desired therapeutic outcomes. The future of lasers in medicine is poised for continued innovation and expansion, driven by technological advancements and a deeper understanding of biological interactions. As the field evolves, the synergy between laser technology and medical expertise will likely yield even more sophisticated and effective treatments, solidifying the role of lasers as indispensable assets in the pursuit of improved health outcomes. This Special Issue invites contributions describing new methodological aspects of lasers and their applications in medicine. We encourage authors to share their opinions, knowledge, and achievements. In addition, it is essential to present the impact of the latest disclosures on applications in the field of human activity and include examples of new measurement methods. All of this is to improve our scientific understanding of the subject.

Guest Editor

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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