Special Issue

Novel Generation of Medical Laser Technologies for Controlled Modification of Cartilage and Eye Tissues

Message from the Guest Editor

Aim and scope of the issue: This Special Issue aims to present recent advances and future prospects in the research and applications of nondestructive laser modification of the structure, shape, and optical and mechanical properties of tissues, especially cartilage and eye tissues, for safe and efficient treatment in otolaryngology, cosmetics, plastic surgery, orthopedics, and ophthalmology. **Potential topics include, but are not limited to:**

- Tissue structure, optical and mechanical properties
- Thermal and mechanical modification of tissues
- Mechanisms and kinetics of laser modification
- Controlled laser modification in medical applications
- Efficiency and safety of laser technologies
- Reshaping and regeneration of cartilage
- Correction of ocular abnormalities, including reshaping of the cornea and normalization of intraocular pressure in glaucomatous eyes

Guest Editor

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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.

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