

Special Issue

Optical Biomedical Imaging

Message from the Guest Editor

We are inviting submission to this Special Issue on ***Optical Biomedical Imaging***. This area of research has experienced rapid growth over the last three decades. This growth derives, in part, from light-based modalities being noninvasive, safe, and relatively inexpensive, with diagnostic potential. Interactions with biomedical media may change such salient features as intensity, wavelength, coherence, phase, polarization, and directionality, as well as pulse duration of a beam of light, and thus provide a basis for development of novel imaging modalities. Advances in light sources, detectors, modulation schemes, beam shaping approaches, and numerical algorithms are enabling development of imaging methods for probing diseases in different body organs. Optical coherence tomography has already made a transition to the bedside. The intent of this Special Issue is to explore where we are and what the future holds in this exciting area of human health related research. To that end, we invite submissions involving new techniques, methods, applications, results, as well as review articles.

Guest Editor

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Deadline for manuscript submissions

closed (20 January 2022)



Applied Sciences

an Open Access Journal
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Impact Factor 2.5
CiteScore 5.5



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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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