

Special Issue

Biomedical Optics: From Methods to Applications

Message from the Guest Editor

The field of biomedical optics continues to fascinate scientists, enterprizers, and users by a phenomenal unending production of new ideas, the rapid development of new methods and applications, and the expansion of clinical implementations. In this Topical Collection, we invite submissions from all subfields of biomedical optics, exploring recent advances from ideas through methodology development to clinical applications. Both original research articles and comprehensive review and survey papers are welcome. Topics include but are not limited to the following:

- biophotonics
- diffuse correlation spectroscopy
- fluorescence
- hybrid imaging systems
- hyperspectral imaging
- microscopy
- monte carlo simulation
- molecular sensing
- near infrared spectroscopy (NIRS)
- neurophotonics
- optical clearing of biological tissue
- optical coherence tomography
- optical coherence elastography
- phosphorescence
- photoacoustics
- polarization
- terahertz optics

Guest Editor

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closed (31 December 2024)



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About the Journal

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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