

Special Issue

Novel Biophotonics Technologies and Applications

Message from the Guest Editors

The use of photonics technologies is an emerging research field that has progressed significantly in recent years within the biomedical field. This Special Issue will highlight recent work and developments in the field of novel biophotonics technologies and applications. The topics include some cutting-edge biophotonic research and innovative new tools and techniques, but are not limited to: diffuse and fluorescence tomography, microscopy, photoacoustic imaging, multimodal imaging and nanoparticles, optical coherence tomography, polarization and orbital angular momentum imaging, terahertz spectroscopy and imaging, tissue optics and spectroscopy, optical diagnostics, optical therapies, clinical and translational biophotonics, image processing, machine learning and deep learning of biophotonics technologies.

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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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