Special Issue

Advanced Technologies in Biophotonics and Medical Physics

Message from the Guest Editors

In recent years, an increasing number of optical techniques have been applied in the field of biophotonics and medical physics, playing a significant role in both biomedical research and clinical diagnosis. Optical technology such as photoacoustic imaging and optical coherent tomography provide high-contrast and high-resolution images directly linked to the diagnosis. Radiation-induced ultrasound imaging such as X-ray-induced acoustic computed tomography has important application prospects for low-dose clinical detection. We would like to receive manuscripts or review articles on the latest research progress in this field, highlighting the recent advances in biophotonics and medical physics. We believe your work will greatly benefit our readers and make a great contribution to the development in this field. Keywords

- photoacoustic imaging and spectroscopy
- optical coherent tomography
- laser-induced breakdown spectroscopy
- biomedical optics and biophotonics
- X-ray-induced acoustic computed tomography
- radiation-induced ultrasound imaging
- biological and medical physics
- basic research and translational research.

Guest Editors

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Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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