



photonics



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Technologies and Applications of Biophotonics

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Deadline for manuscript
submissions:

15 September 2024

Message from the Guest Editors

In order to focus on the latest research progress in optical microscopy and multimodal imaging technology, and to promote interdisciplinary integration and the development of bio-photonics, we welcome original research articles and reviews for submission to this Special Issue. Research areas may include (but are not limited to) the following:

- Quantitative phase imaging
- Three-dimensional imaging
- Super resolution imaging
- Optical focusing and imaging within or through scatters
- Multi-photon imaging
- Multi-mode and multi-functional imaging
- Artificial intelligence and deep learning for bio-photonics
- Compressed ultrafast microscopy
- Spatial light modulation and PSF engineering for microscopy
- Polarization of light in biomedical applications
- Light-field microscopy
- Hyperspectral imaging
- Photoacoustic tomography

We look forward to receiving your contributions.



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Special Issue