

## Special Issue

# Technologies and Applications of Biophotonics

### 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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### Guest Editors

Dr. Chen Bai

Dr. Yuecheng Shen

Dr. Yichen Ding

Dr. Haixia Wang

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### Deadline for manuscript submissions

closed (15 September 2024)



## Photonics

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Nelson Tansu

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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.8 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).