

Special Issue

New Perspectives in Biomedical Optics and Optical Imaging

Message from the Guest Editors

Nowadays, biophotonics is an interdisciplinary field involving the interaction between photons and biological materials including tissues, cells, sub-cellular structures, and molecules. The objective of this Special Issue is to provide a vehicle for communicating important advancements in the use of optical methods/technologies for medical imaging and therapies. Topics of interest include, but are not limited to, the following:

- Optical imaging;
- Terahertz imaging;
- Optical coherence tomography;
- Near-infrared spectroscopy;
- Photoacoustic/Thermoacoustic tomography and microscopy;
- Photobiomodulation;
- Photodynamic therapy;
- Photoimmunotherapy;
- Deep learning and artificial intelligence in optical imaging;
- Translational and clinical applications.

Guest Editors

Dr. Lin Huang
Dr. Xiong Wang
Dr. Shuangli Liu

Deadline for manuscript submissions

closed (10 May 2026)



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Photonics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
photonics@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Nelson Tansu

School of Electrical and Electronic Engineering (EEE), The University of Adelaide, Adelaide, SA 5005, Australia

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