

Special Issue

New Shining Spots in Biomedical Photonics

Message from the Guest Editors

We are excited to announce a forthcoming Special Issue in *Photonics* dedicated to the latest and most groundbreaking developments in the realm of biomedical photonics to solve problems arising in medicine and biology. This Special Issue seeks to showcase the diverse range of innovative techniques and applications that are reshaping the landscape of biomedical optics. These new shining spots might be novel approaches bringing well-established photonic techniques back into the spotlight, instrumental advancements that unlock new dimensions in our understanding of crucial cellular mechanisms, or promising emerging technologies enabled by progress in AI and quantum physics. We welcome fundamental research, advanced technologies, and innovative applications in the form of theories, simulations, or experiments. Manuscripts will include, but are not limited to, the following topics:

- Tissue optics;
- Photonic devices;
- In vivo imaging;
- Biomedical diagnostics;
- Biophotonics for therapeutics;
- Biomedical imaging with AI;
- New frontiers in biophotonics.

Guest Editors

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Deadline for manuscript submissions

closed (15 November 2024)



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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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