# Special Issue

# Recent Advances in Biomedical Optics and Biophotonics

## Message from the Guest Editors

The field of Biomedical Optics and Biophotonics is becoming increasingly relevant providing innovative and less invasive solutions in the field of medicine. Biomedical Optics and Biophotonics are critical areas of study in optometry and ophthalmology, contributing significantly to the diagnosis, treatment, and understanding of visual disorders. The purpose of this Special Issue is to report recent contributions in Biomedical Optics and Biophotonics applied to Optometry and Ophthalmology from leading experts in the field, promoting effective solutions for the future challenges in the application of optics and photonics to eye healthcare. Topics of this Special Issue include, but are not limited to:

- Advanced biomedical imaging
- Biomedical lasers
- Optical sensors for diagnostics
- Biomedical spectroscopy
- Optics for Tissue Therapy
- Optics in cell and molecular biology
- Optics in genetics and pharmacology
- Optical techniques for the study of biological tissues.
- Biophotonics in regenerative medicine.

Articles, perspectives, and reviews are all welcome.

## Guest Editors


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## Deadline for manuscript submissions

31 August 2025


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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

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