

# 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

Dr. Jihad Zallat

The ICube Laboratory, Université de Strasbourg, Strasbourg, France

Dr. Jean Reh binder

Laboratoire des Sciences de l'Ingénieur, de l'Informatique et de l'Imagerie, Illkirch-Graffenstaden, France

---

### Deadline for manuscript submissions

closed (15 November 2024)



---

## Photonics

---

an Open Access Journal  
by MDPI

---

Impact Factor 1.9  
CiteScore 3.5



[mdpi.com/si/186842](https://mdpi.com/si/186842)

*Photonics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[photonics@mdpi.com](mailto:photonics@mdpi.com)

[mdpi.com/journal/  
photonics](https://mdpi.com/journal/photonics)





# Photonics

---

an Open Access Journal  
by MDPI

---

Impact Factor 1.9  
CiteScore 3.5



[mdpi.com/journal/  
photonics](https://mdpi.com/journal/photonics)



## 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

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, CAPlus / SciFinder, and other databases.

#### Journal Rank:

CiteScore - Q2 (Instrumentation)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the second half of 2025).