

Special Issue

Applications of Biophotonics in Biology and Medicine

Message from the Guest Editor

The Special Issue will highlight new research in laser-tissue interaction, imaging and analysis of biomolecules, cells and tissues, 3D and multidimensional microscopy, single molecule spectroscopy, nano/biophotonics such as nanoscale imaging and sensing, markers, nanoparticles microscopy, atomic force microscopy of biomolecules and molecular probes. In medicine, new trends of Biophotonics to develop innovative systems in neuropathologies, endoscopic microscopy, oncology, photomodulation therapy, dermatology, cardiovascular, optical biopsy, and optical coherence tomography will be presented.

Guest Editor

Prof. Dr. DIDO YOVA

Laboratory of Biophotonics and Applied Biophysics, National Technical University of Athens, 999028 Athens, Greece

Deadline for manuscript submissions

closed (30 September 2021)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/60169

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

mdpi.com/journal/

appls





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

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

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)