



Applications of Biophotonics in Biology and Medicine

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)

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.





an Open Access Journal by MDPI

Editor-in-Chief

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

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.

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)