



an Open Access Journal by MDPI

## 10th Anniversary of *Biomedicines*—Advances in Biological and Biomedical Imaging Applications

Guest Editors:

**Dr. Yu-Te Wu**

Institute of Biophotonics,  
National Yang Ming Chiao Tung  
University, Taipei, Taiwan

**Dr. Wen-Chuan Kuo**

Institute of Biophotonics,  
National Yang Ming Chiao Tung  
University, Taipei, Taiwan

Deadline for manuscript  
submissions:

**closed (30 April 2023)**

### Message from the Guest Editors

With the advancement of imaging technology, new applications are emerging from cellular biology to diagnostics and disease management. This Special Issue welcomes manuscripts on development of body structure, morphology, and function imaging, including microscopy and molecular imaging. This Special Issue is open to a range of submissions, from basic to clinical research or multidisciplinary research in the field of biological and biomedical imaging applications. It covers original articles that include but are not limited to the following topics:

- Advanced imaging techniques in biological and biomedical applications;
- Integrated (multimodality) imaging systems to address issues in biomedical applications;
- Imaging-assisted diagnosis, surgery, treatment, or prediction;
- Deep learning or machine learning in biological or biomedical imaging processing;
- Computer graphics and visualization in biological or biomedical imaging;
- Biological or biomedical imaging interpretation and understanding;
- Structural or functional imaging analysis.



[mdpi.com/si/105840](https://mdpi.com/si/105840)

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Felipe Fregni

1. Neuromodulation Center and  
Center for Clinical Research  
Learning, Spaulding  
Rehabilitation Hospital and  
Massachusetts General Hospital,  
Harvard Medical School, Boston,  
MA 02114, USA  
2. Department of Epidemiology,  
Harvard T.H. Chan School of  
Public Health, Boston, MA 02115,  
USA

## Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

## 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)*, *PubMed*, *PMC*, *CAPLus / SciFinder*, and other databases.

**Journal Rank:** JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q2 (*Medicine (miscellaneous)*)

## Contact Us

*Biomedicines* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/biomedicines](https://mdpi.com/journal/biomedicines)  
[biomedicines@mdpi.com](mailto:biomedicines@mdpi.com)  
X@Biomed\_MDPI