



Optical Technologies for Diagnosis and Monitoring

Guest Editor:

Dr. Ulas Sunar

Department of Biomedical
Engineering, Wright State
University, 207 Russ Engineering
Center, 3640 Colonel Glenn Hwy.,
Dayton, OH 45435, USA

Deadline for manuscript
submissions:

closed (1 December 2021)

Message from the Guest Editor

Dear Colleagues,

Innovative technologies have greatly impacted medicine by facilitating the early detection and staging of diseases, by guiding the development and selection of personalized treatment, and by offering efficient therapeutic modalities. Among the wide range of optical imaging approaches, which encompasses microscopic, mesoscopic, and macroscopic optical imaging techniques, are emerging as powerful non-invasive modalities for functional and molecular imaging of in vitro, ex vivo, and in vivo specimens.

The scope of this Special Issue is to provide a source of information to review and share recent developments in novel optical technologies based on functional and molecular optical imaging techniques. We invite investigators to contribute original research and review articles that will stimulate the continuing translational efforts to bring optical imaging from the bench to the bedside. Sample includes but are not limited to:

- Rapid diagnostic optical technologies
- Low-cost, easy to use optical technologies
- Wearable optical devices
- Point of care optical devices
- Optical monitoring devices at the bedside, intensive care units





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Manoj Gupta

Department of Mechanical
Engineering, National University
of Singapore, Singapore 117576,
Singapore

Message from the Editor-in-Chief

Technologies, provides a single focus for reporting on developments of all technologies, regardless of their application. It is our intention that *Technologies* becomes the journal of choice for both researchers wanting to publish their work and technologists wishing to exploit the high quality research across a wide range of potential applications. Through its open access policy, its quick publication cycle, *Technologies* will facilitate the rapid uptake and development of the research presented, ultimately providing benefit to the wider society.

Author Benefits

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

High Visibility: indexed within ESCI (Web of Science), Scopus, Inspec, Ei Compendex, INSPIRE, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (Computer Science (miscellaneous))

Contact Us

Technologies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/technologies
technologies@mdpi.com
[X@Technologies_OA](https://twitter.com/Technologies_OA)