

Special Issue

Advanced Optical Tools for Biomedical Applications

Message from the Guest Editor

Disease, cancer, COVID-19, etc., are major threats to human society and the healthcare system. To maintain the quality of human life and the stability of the healthcare system, scientists are paying a lot of attention to research techniques and tools for early cancer detection or disease treatment. Besides traditional methods such as Polymerase chain reaction (PCR), recent, optical methods such as optical fiber systems, optical imaging, optical spectroscopy, optical coherence tomography, polarization, etc., have attracted the attention of many research groups due to their reliability and effectiveness. Considering the latest achievements in advanced sensing technologies, monitoring systems, computational modeling methodologies, etc., this Special Issue aims to attract original research papers focusing on recent advances in optical sensing, monitoring systems, and computational modeling methodologies for advanced optical tools for biomedical applications.

Guest Editor

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Deadline for manuscript submissions

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Editor-in-Chief

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