

Special Issue

Advanced Bioimaging Based on the Near-Infrared-II Window

Message from the Guest Editor

The second near-infrared (NIR-II, 900–1880 nm) window offers opportunities to achieve precise bioimaging in deep tissues. The Section “Advanced Bioimaging Based on the Second Near-Infrared Window” covers all aspects of novel research on high-performance sensing, imaging, and theranostics based on the NIR-II window. Precise optical sensing or imaging can be developed using various optical modes, including but not limited to fluorescence imaging, multiphoton microscopy, optical coherence tomography, photoacoustic imaging, related multifunctional phototherapy, etc. This Special Issue aims to provide an express vehicle for the publication of studies with significant advances on the sensing or imaging of molecules, cells, organs, and biological processes with potential applications in biomedical or clinical theranostics in the NIR-II window.

Guest Editor

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Message from the Editor-in-Chief

Biosensors is a leading journal, devoted to fast publication of the latest achievements, technological developments and scientific research in the exciting multidisciplinary area of biosensors. Both experimental and theoretical papers are published, including all aspects of biosensor design, technology, proof of concept and application. Special issues are devoted to specific technologies and applications, and a selection of the most outstanding papers each year is recognized. Pushing the boundaries of the discipline, we invite original papers, as well as timely reviews on cutting edge fields within the subject area.

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