

## Special Issue

# Advances in Biomedical Imaging and Sensing: Technologies, Applications, and Future Directions

### Message from the Guest Editors

This Special Issue of *Sensors*, titled "Advances in Biomedical Imaging and Sensing: Technologies, Applications, and Future Directions", invites original research articles, reviews, and short communications that contribute to the development and application of advanced imaging and sensing techniques in biomedical contexts. We aim to highlight cutting-edge research on imaging modalities (such as X-Rays, MRI, CT, PET, ultrasound, optical coherence tomography, and photoacoustic imaging) and sensing systems integrated with AI, robotics, or novel materials. Topics related to the development of imaging sensors, image reconstruction algorithms, data fusion strategies, deep learning frameworks, and real-time diagnostic tools are particularly welcome. Contributions that bridge the gap between engineering and clinical applications—ranging from early-stage prototypes to validated clinical tools—are encouraged.

### Guest Editors

Dr. Rizwan Ali Naqvi

Dr. Abbas Jafar

Dr. Wazir Muhammad

Dr. Fareed Ud Din

### Deadline for manuscript submissions

28 February 2026



## Sensors

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### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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### Editor-in-Chief

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