

## Special Issue

# Vision- and Image-Based Biomedical Diagnostics—2nd Edition

### Message from the Guest Editors

Recent significant advances in biomedical imaging have led to not only significantly increased visual fidelity, but also new insights and understanding into diseases that were previously not possible to capture for supporting improved diagnostics and clinical decision support. The goal of this Special Issue is to promote recent technical advances in all relevant aspects. The topics of interest include, but are not limited to, the following:

- Biomedical imaging systems and techniques for diagnosis purposes;
- Machine learning and AI algorithms for the diagnosis and prognosis of diseases;
- Image analysis algorithms (segmentation, region-of-interest detection, feature extraction, etc.) for supporting the diagnosis and prognosis of diseases;
- Intelligent systems for vision- and image-based biomedical diagnostics;
- Multimodal fusion methods for combining information from different imaging systems and/or a mix of imaging and clinical metadata.

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### Guest Editors

Prof. Dr. Alexander Wong

Dr. Pengcheng Xi

Dr. Ashkan Ebadi

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### Deadline for manuscript submissions

30 October 2025



## 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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