



Sensor-Based Optical Coherence Tomography: Technology and Applications

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Message from the Guest Editors

Dear Colleagues,

Recently, with the increased use of optical coherence tomography (OCT) in clinical practice, there has been growing interest in upgrading the OCT system and its applications due to the development of sensors and devices suitable for each field. OCT is applied not only in traditional ophthalmology, but also in various other fields, including cardiology, dermatology, and dentistry.

Therefore, this Special Issue aims to collect original research articles and review articles on the advancement and clinical applications of OCT through the development of new parts, devices, and subsystems to be applied in specific fields.

Potential topics include, but are not limited to, the following:

- New devices for optical coherence tomography (OCT);
- High-speed OCT;
- Improved image quality of OCT;
- Optical coherence microscopy for pathology applications;
- Diagnosis using OCT images and AI;
- Multi-imaging systems combined with OCT;
- Sensor systems combined with OCT.





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Message from the Editor-in-Chief

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