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OCT Technology Advances and Their Applications in Disease Studies

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Message from the Guest Editors

Dear Colleagues,

Optical Coherence Tomography (OCT) and its associated technologies, such as OCT angiography, Doppler OCT, polarization-sensitive OCT, OCT elastography have been widely applied in ophthalmology, gastroenterology, cancer biology, neuroscience and many other fields. Current efforts in the field are advancing OCT technologies, leading to a higher resolution, faster scanning speed, larger scanning field-of-view, and novel contrast for imaging. With these technical innovations, relevant preclinical and clinical disease studies are being further developed.

This Special Issue aims to present original research studies on advances in OCT-relevant technologies, and their applications in disease studies. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Optical coherence tomography/microscopy;
- OCT aniography;
- Low coherence interferometery;
- Image processing;
- Polarization sensitive OCT;
- Spectroscopic OCT;
- Biophotonics;
- Retina imaging;
- Brain imaging;
- Disease model;
- Preclinical and clinical imaging.

We look forward to receiving your contributions.

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