Special Issue

Application of Optical Coherence Tomography

Message from the Guest Editors

Application of optical coherence tomography (OCT) aims to cover all the latest outstanding developments of optical coherence tomography techniques. Optical coherence tomography is an interdisciplinary field that combines the principles of optics, biomedical, and material science. Through decades of development and innovation, it is now widely applied in ophthalmology, dermatology, gastroenterology, cardiology, pulmonology, dentistry, and industry. Currently, many functionnal OCT techniques, such as Doppler OCT, OCT angiography, micro-OCT, and polarization sensitive OCT, have also been proposed to provide complementary information to structural OCT images, which plays a role of significant add-on features. In this Special Issue, we will focus on important achievements in academia and industry. We invite submissions exploring cutting-edge research and recent advances in the fields of OCT and functional OCT techniques.

Keywords
- optical coherence tomography
- doppler OCT
- OCT angiography
- micro-OCT
- polarization sensitive OCT
- clinical medicine application
- industry application

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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