Special Issue

Optical Coherence Tomography: From OCT-A to All Latest Advances

Message from the Guest Editors

Nowadays ophthalmic practice widely depend on optical coherence tomography (OCT) and optical coherence tomography angiography (OCT-A), which are objective, reliable, and repeatable structural tests for both early diagnosis and detection of the progression of various ocular diseases. Regarding the imaging of the anterior pole of the eye, OCT is mainly used the study of cornea, anterior chamber including the angle and crystalline lens, while OCT-A for cornea, iris, sclera and conjunctiva. Regarding the imaging of the posterior pole of the eye, although clinical applications of OCT and OCT-A embrace the entire spectrum of chorioretinal diseases, the most promising fields are diabetic retinopathy, retinal vascular occlusion, inflammatory diseases, macular telangiectasia, and age-related macular degeneration. The present Special Issue focuses on the broad range of research and clinical applications to which OCT and OCT-A can be applied, according to the most updated developments. Both original research papers and review articles are welcome; moreover, we will consider case series of exceptional merit.

Guest Editors

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Deadline for manuscript submissions

closed (10 November 2021)

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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.

Editor-in-Chief

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