



Imaging Biomarkers for Pachychoroid Spectrum Disease

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Message from the Guest Editors

Dear Colleagues,

Pachychoroid spectrum disease (PSD) encompasses a set of macular disorders secondary to an abnormally thick choroid, including pachychoroid pigment epitheliopathy, focal choroidal excavation, peripapillary pachychoroid syndrome, central serous chorioretinopathy, pachychoroid neovascularopathy, and polypoidal choroidal vascularopathy, to name a few.

Multi-model imaging has been employed to investigate the mechanism, severity, and prognosis of PSD, which includes optical coherence tomography (OCT), OCT angiography (OCTA), and indocyanine green angiography. Meanwhile, several imaging biomarkers are introduced to achieve the purpose set out above, for example, subfoveal choroidal thickness and choroidal vascular index. At the same time, artificial intelligence (AI) deep learning is gradually being integrated into the selection of effective evaluating parameters.

The purpose of this Special Issue is to investigate the latest effective imaging biomarkers for PSD, expecting to better reveal its underlying mechanism, assess its severity, and predict its prognosis. Moreover, we would also like to include the novel research on AI deep learning in this field.





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