



Advances in High Myopia and Glaucoma

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Message from the Guest Editors

In recent decades, high myopia has markedly increased worldwide, especially in East Asia. High myopia is highly correlated with glaucoma, which also causes visual field defects, thinning of the retinal nerve fiber layer and macular ganglion cell-inner plexiform, and impacts the morphology of optic nerve, leading to irreversible blindness. Therefore, accurate diagnosis of glaucoma in HM is challenging. Furthermore, the role of intraocular pressure in the pathogenesis and development of high myopia remains unknown.

The purpose of this Special Issue is to highlight novel findings on high myopia and glaucoma, including pathophysiological mechanisms of high myopia, novel imaging markers of high myopia with glaucoma, the natural history of visual field defects and retinal and optic nerve structure changes based on optical coherence tomography (OCT), fundus change, other novel techniques in high myopia with or without glaucoma, the role of intraocular pressure, and novel treatments. This Issue will highlight manuscripts based on a combination of original research and review papers.





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