

Special Issue

Global Perspectives on Myopia —Epidemiology, Pathophysiology, and Emerging Assessment Technologies

Message from the Guest Editor

Myopia has become a major global public health concern, with its prevalence rising sharply in recent decades, particularly in East Asia. It is now one of the leading causes of visual impairment worldwide. High myopia is associated with sight-threatening complications such as retinal detachment, myopic maculopathy, and glaucoma, placing a significant burden on individuals and healthcare systems and underscoring the urgent need for early detection and accurate diagnostic strategies. This Special Issue will provide a concise yet comprehensive overview of the current state of myopia research and clinical practice. It will include a comprehensive summary of epidemiological trends, pathophysiological mechanisms, and innovative diagnostic approaches. We will highlight emerging technologies such as advanced imaging modalities (e.g., OCT, AI-based screening tools), biomarker discovery, and digital diagnostic platforms to enhance early detection and risk stratification.

Guest Editor

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