

## Special Issue

# Clinical Update on Optic Nerve Disorders

### Message from the Guest Editor

The optic nerve serves as a vital conduit between the eye and brain, playing a critical role in visual processing and neurological health. Understanding its structure, function, and pathology is essential in ophthalmology and neuroscience, as diseases affecting the optic nerve, such as glaucoma, optic neuritis, and ischemic optic neuropathy, are leading causes of vision loss worldwide. Emerging research highlights the optic nerve as a window into systemic and neurodegenerative diseases, such as multiple sclerosis and Alzheimer's disease, offering new opportunities for early diagnosis and monitoring through advanced imaging modalities like OCT and OCT-A. Furthermore, novel insights into axonal repair, neuroprotection, and regenerative therapies are revolutionizing the management of optic nerve disorders. This Special Issue aims to consolidate cutting-edge research on the optic nerve, addressing clinical, diagnostic, and therapeutic advancements, alongside fundamental studies on its anatomy and pathophysiology.

### Guest Editor

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