



Optic Neuropathies: From Molecular Mechanism to Therapy

Guest Editor:

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Message from the Guest Editor

Optic neuropathy is damage inflicted on the optic nerve, which contains a bundle of axons from retinal ganglion cells (RGCs). Although optic neuropathy is a frequent cause of vision loss among people over 50 years old, it can occur in anyone regardless of age with diverse etiologies. Demyelinating, inflammatory, ischemic, and traumatic causes may result in the rapid onset of optic neuropathy, while toxic, metabolic, and genetic causes may contribute to the gradual course of chronic optic neuropathy. So far there is no effective therapy that can cure optic neuropathies, and the predominant consideration of treatment focuses on reducing symptoms and preventing further damage. Advances in our understanding of the molecular mechanisms supporting RGC loss in these disorders pave the way for novel therapeutic methods. This Special Issue aims to present the latest research on the preventive, regenerative, and therapeutic molecular strategies for optic neuropathies. We are pleased to announce that we are now soliciting manuscripts for contributions to this upcoming Special Issue on “Optic Neuropathies: From Molecular Mechanism to Therapy”.





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Message from the Editor-in-Chief

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