

Special Issue

Optic Neuropathies: From Molecular Mechanism to Therapy

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”.

Guest Editor

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Deadline for manuscript submissions

closed (30 May 2023)



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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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