



Molecular Pathogenesis and Therapies for Retinal and Optic Nerve Diseases

Guest Editor:

Dr. Toshiyuki Oshitari

Department of Ophthalmology
and Visual Science, Chiba
University Graduate School of
Medicine, Inohana 1-8-1, Chuo-
ku, Chiba 260-8670, Japan

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Message from the Guest Editor

Most retinal and optic nerve diseases, such as diabetic retinopathy, glaucoma, retinitis pigmentosa, optic neuritis, or optic neuropathy, are sight-threatening diseases that cause vision loss. Neurovascular abnormalities are involved in the pathogenesis of most retinal and optic nerve diseases, and neuronal cell death as well as axon degeneration are irreversible changes that lead directly to vision loss. The establishment of therapeutic approaches, including neuroprotection and regeneration in addition to neurovascular protection, are required to protect the visual function of patients with retinal and optic nerve diseases.

This Special Issue focuses on the pathogenesis of and therapeutic approaches for retinal and optic nerve diseases. The areas of this Special Issue are widely covered with basic studies on the molecular level regarding retinal and optic nerve diseases. Hopefully, this Special Issue will be helpful for researchers in their specific fields in scientific manners.





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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MDPI, St. Alban-Anlage 66
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