

Special Issue

Ocular Ischemic Diseases: From Molecular Mechanisms to Therapeutics

Message from the Guest Editor

Ocular ischemia is one of the leading causes of visual loss. Many eye diseases, including diabetic retinopathy, retinopathy of prematurity, retinal vein/artery occlusion, pathologic myopia, age-related macular degeneration, glaucoma, and ocular ischemic syndrome, are highly related to ocular ischemia. To develop or find promising preventive or protective drugs in ocular ischemic diseases, the complex molecular mechanisms of pathologies in ocular ischemia need to first be well understood. This Special Issue aims to collect original research and review articles that summarize recent state-of-the-art findings, focusing on unravelling the pathologic molecular pathways in various types of ocular ischemic diseases and suggesting novel therapeutic molecular targets in terms of the prevention and treatment of ocular ischemia. Topics include, but are not limited to, the following:

- Diabetic retinopathy.
- Retinopathy of prematurity.
- Retinal vein occlusion.
- Retinal artery occlusion.
- Pathologic myopia.
- Age-related macular degeneration.
- Glaucoma.
- Ocular ischemic syndrome.

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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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