

## Special Issue

# Glaucoma: From Pathophysiology to Novel Therapies

### Message from the Guest Editor

Primary open-angle glaucoma (POAG) is the leading cause of irreversible blindness affecting over 57 million people worldwide. Progressive loss of retinal ganglion cells (RGCs) and degeneration of optic nerve axons constitute the pathological hallmark of glaucoma.

Elevated intraocular pressure (IOP) due to dysfunction of trabecular meshwork (TM) is the most significant and the only known modifiable risk factor for glaucoma. Although glaucomatous TM damage is known to be mainly responsible for IOP elevation, which can lead to optic neuropathy and vision loss, none of the current treatments target TM pathology—this is partly due to the lack of understanding of pathological mechanisms of TM damage. In this Special Issue, we invite original manuscripts and review articles that focus on understanding the pathological mechanisms of glaucomatous TM damage and novel therapies targeting these pathologies.

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### Guest Editor

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### Deadline for manuscript submissions

closed (30 June 2022)



## International Journal of Molecular Sciences

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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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