

## Special Issue

# Molecular Mechanisms of Retina Degeneration

### Message from the Guest Editor

Retinal degenerative diseases are the leading cause of blindness worldwide. These diseases are associated with immense clinical and genetic heterogeneity, and their manifestation is often influenced by environmental factors. Extensive studies have been performed in various animal models to understand the mechanisms of retinal diseases. However, it has been difficult to effectively translate the results to the clinic. Therefore, the aim of this Special Issue is to understand how the outcomes of the mechanistic and pre-clinical therapeutic studies using different disease modeling platforms can be unified, or at least stratified based on the species, in order to a clearer understanding of the translatability of the studies to humans. We invite researchers and specialists in the field to submit articles on a wide range of retinal degenerative disease fields, focusing in particular on understanding the disease mechanisms and designing therapeutic modalities in the modeling platform of choice. Preference will be given to articles that also include a correlation guide of their outcomes to what is known or observed in the clinic.

### Guest Editor

Prof. Dr. Hemant Khanna

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### Deadline for manuscript submissions

closed (20 April 2025)



## International Journal of Molecular Sciences

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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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### Editor-in-Chief

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