## **Special Issue**

## Ion Channels in Eye Development, Health, and Disease

## Message from the Guest Editors

The eye is an excellent model for understanding how the structure and function of ion channels correlate during development, health, and disease. This Special Issue aims to provide a comprehensive overview of the roles ion channels play from the perspective of the eye during development, health, disease, and potential therapeutic targets. This Special Issue welcomes original research papers, reviews, mini-reviews, perspectives, and opinion articles that will provide insights into the novel and existing approaches to:

- Explore specific roles of ion channels in development, health, and disease.
- Novel approaches to study the structure and function of ion channels.
- Current understanding of channelopathies and drug development.
- Studies in all animal species and models of retinal diseases are welcome, as are comparative studies across animal models.

## **Guest Editors**

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## Deadline for manuscript submissions

20 August 2025



# International Journal of Molecular Sciences

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mdpi.com/si/183240

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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.

### **Editor-in-Chief**

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