

## Special Issue

# From Molecular Mechanisms to Therapies: Advances in Retinal Disease Research

### Message from the Guest Editors

We would like to invite you to contribute to this Special Issue by submitting review articles that provide the most advanced information about the molecular causes of retinal diseases, in addition to the most developed therapeutic approaches for the retinal pathologies. The retina is a fundamental tissue of the eye that makes it possible to transform the electrochemical stimuli elicited from the light into images through transporting the signal to the visual cortex. During aging, the retina tends to degenerate in a large portion of the population, leading to the onset of different retinal diseases (RDs). These conditions can result in loss of retinal function, which progresses into blindness. The main contributing conditions are diabetic retinopathy, AMD, glaucoma, and retinitis pigmentosa. In this Special Issue, we would like to highlight the latest knowledge about the molecular (genetic, biochemical and epigenetic) causes leading to these retinal pathologies and the new potential therapeutic approaches.

### Guest Editors

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### Deadline for manuscript submissions

31 March 2026



## Biomolecules

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### Message from the Editorial Board

*Biomolecules* is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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