

## Special Issue

# Genetics in Retinal Diseases— 2nd Edition

### Message from the Guest Editor

Retinal diseases, ranging from common, complex diseases such as age-related macular degeneration to rare monogenic inherited retinal dystrophies, cumulatively affect millions of people, young and old, worldwide. Our understanding of the genetics underlying these conditions has expanded dramatically in recent years, providing exciting insights into the pathomechanisms of disease and already leading to the development of new therapies now reaching clinics. This Special Issue will highlight current efforts to elucidate the genetic and molecular mechanisms of complex and monogenic retinal disease and how these may be targeted for therapeutic benefit. Topics may include identifying genetic causes of common or rare retinal diseases, patient cohort studies, genotype–phenotype correlations, the functional characterization of genetic variation in disease genes or gene regulatory elements using cellular or animal models, and the development of future therapeutic strategies. We would like to invite you to participate in this Special Issue by submitting original research articles, cohort studies, case reports, and review articles.

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### Guest Editor

Dr. Chloe M. Stanton

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### Deadline for manuscript submissions

20 March 2025

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## Genes

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## About the Journal

### Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

Why not consider *Genes* for your next genetics paper?

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### Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan

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