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Genetics in Inherited Retinal Diseases

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Message from the Guest Editors

With the first approved gene therapy for an inherited retinal disease (IRD), the genetics underlying these blinding conditions have received considerable attention. Together with technological advances, this new focus helps to gain momentum towards improved access to molecular genetic diagnostics and further academic work on existing knowledge gaps.

This Special Issue aims to provide a snapshot of some of the current IRDs in focus of translational efforts. Contributions might shed light on the genetic heterogeneity of mutations found in a specific disease gene, explore genotype-phenotype correlations, characterise model systems reflecting the genetic pathology, diagnostic biomarkers, pathophysiological mechanisms, and novel therapeutic approaches. To progress in the knowledge of such intricate issues, contributions by experts in the field in the form of research papers and critical reviews are called for.

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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.

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