Special Issue

Genetics of Eye Development and Disease

Message from the Guest Editors

The goals of this Special Issue are to describe novel genotype–phenotype associations in syndromic disorders featuring ocular defects, highlight the variable presentations of syndromic disorders, discuss mechanisms leading to phenotypic variability, and provide functional validation of disease associated variants. These include, but are not limited to, studies on genotype–phenotype correlations, intrafamilial variability of disorders, genetic heterogeneity in population cohorts, novel genetic or molecular mechanisms of disease, epidemiology of genetic disorders, functional analysis and animal models of disease variants. We welcome reports on all genetic disorders with ocular and systemic features, including anterior segment dysgenesis disorders, syndromic retinal dystrophy, mitochondrial disorders, inborn errors of metabolism, congenital cataract syndromes, microphthalmia/anophthalmia/coloboma syndromes, syndromic optic neuropathies, chromosomal anomalies, imprinting disorders, and immunogenetic disorders. We look forward to your contributions.

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Deadline for manuscript submissions

closed (15 November 2023)

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an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5
Indexed in PubMed

mdpi.com/si/125950

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Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving 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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