Special Issue

Genetics in Retinal Diseases

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 clinic. 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, 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.

Guest Editor

Dr. Chloe M. Stanton
Medical Research Council Human Genetics Unit, Institute of Genetics and Cancer, University of Edinburgh, Edinburgh EH4 2XU, UK

Deadline for manuscript submissions

closed (20 March 2024)

GCAT
TACG
GCAT

Genes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5
Indexed in PubMed

mdpi.com/si/135163

Genes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
genes@mdpi.com

mdpi.com/journal/genes

MDPI

GCAT
TACG
GCAT

Genes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5
Indexed in PubMed

mdpi.com/journal/genes

MDPI

About the Journal

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?

Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan
Department of Pathology, The University of Alabama at Birmingham, 1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, and other databases.

Journal Rank:

JCR - Q2 (Genetics and Heredity) / CiteScore - Q2 (Genetics (clinical))