Special Issue

Advancing Nephrogenetics: Diagnosis, Genetic Testing, and Treatment Innovations

Message from the Guest Editors

This Special Issue's goal is to showcase state-of-the-art approaches to diagnosing hereditary kidney diseases, innovations in genetic testing technologies, and emerging therapeutic strategies grounded in molecular findings.We welcome contributions addressing a broad spectrum of topics within nephrogenetics, including but not limited to the following: Identification of novel genetic variants and mechanisms underlying monogenic or complex renal disorders;Diagnostic utility and clinical integration of next-generation sequencing (NGS), including whole-exome and whole-genome sequencing;
Genotype–phenotype correlations and their implications for disease stratification and management;
Advances in prenatal and preimplantation genetic diagnostics for hereditary kidney diseases;
Functional studies of disease-associated variants and their relevance to kidney pathophysiology;
Precision medicine and targeted therapies informed by genetic findings;
Ethical, psychological, and practical challenges in genetic testing and counseling in nephrology;
Bioinformatics tools and databases relevant to nephrogenetic research.

Guest Editors

Prof. Dr. Katarina Vukojević

Dr. Anita Racetin

Dr. Nela Kelam

Deadline for manuscript submissions

25 February 2026

GCAT
TACG
GCAT

Genes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5
Indexed in PubMed

mdpi.com/si/252040

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))