Special Issue

Next-Generation Diagnosis and Treatment of Hematologic Diseases

Message from the Guest Editors

The accurate diagnosis and treatment of hematologic diseases often requires a deep knowledge set, assay-specific training, and critically long periods of time. Without timely and accurate diagnosis, treatments for these diseases can be ineffective or lethal. Therefore, new approaches for the diagnosis and treatment of these diseases are of critical importance.

This Special Issue aims to communicate recent advances relating to the diagnosis and treatment of hematologic diseases. We welcome critical review and research articles reporting new technologies or approaches to diagnosing and treating these diseases. We are pleased to invite experts from hematology, computational biology, precision medicine, AI-research, and beyond to contribute to this Special Issue through submitting manuscripts relating to the development of next-generation diagnostics and therapeutics. This includes, but is not limited to, the following: DNA and RNA technologies, recombinant antibody engineering, peptide design, AI, and much more.

Guest Editors

Dr. Thomas David Daniel Kazmirchuk

Department of Biology, Carleton University, Ottawa, ON K1S 5B6, Canada

We look forward to receiving your contributions.

Dr. Ashkan Golshani

Department of Biology, Carleton University, Ottawa, ON K1S 5B6, Canada

Deadline for manuscript submissions

15 January 2026

G C A T T A C G G C A T

Genes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5
Indexed in PubMed



mdpi.com/si/236475

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

mdpi.com/journal/genes



G C A T T A C G G C A T

Genes

an Open Access Journal by MDPI

Impact Factor 2.8 CiteScore 5.5 Indexed in PubMed



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))

