# Special Issue

# Genetics of Human Blood Group Antigens

**Message from the Guest Editors**

More than 120 years after the identification of the first blood group system by Karl Landsteiner, the field has now evolved to include 43 blood group systems encoded by 48 genes. With a rapid progress in the development of molecular typing methods, screening of red cell antigens at the nucleotide level has recently gained global interest. This Special Issue aims to focus on articles showcasing novel and international research in human blood group genetics, spanning the field from discovery to clinical implementation. Manuscripts on the following topics will be considered for publication and are encouraged:

- Identification of novel alleles in blood group systems;
- Multiethnic and diverse population research;
- Variant/haplotype discovery and/or functional characterization;
- Novel blood group genotyping technologies;
- Molecular assay validation and experience;
- Clinical implementation and/or utility studies;
- Clinical provider knowledge and education.


**Guest Editors**

Dr. Kshitij Srivastava

Department of Transfusion Medicine, NIH Clinical Center, National Institutes of Health, Bethesda, MD, 20892, USA

Dr. Anvesha Srivastava

Division of Renal Diseases and Hypertension, School of Medicine and Health Sciences, The George Washington University, Washington, DC 20037, USA


**Deadline for manuscript submissions**

closed (1 April 2022)


GCAT
TACG
GCAT

**Genes**

**an Open Access Journal by MDPI**

**Impact Factor 2.8**
**CiteScore 5.5**
**Indexed in PubMed**

mdpi.com/si/99774

*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))