

Special Issue

Improved Methods in Forensic DNA Analysis

Message from the Guest Editor

Forensic DNA analysis has developed into an essential tool in criminal investigations. However, many factors can challenge DNA analysis, such as only retrieving small amounts of DNA from important forensic evidence items. Furthermore, the integrity of the DNA may be influenced by environmental factors leading to damage and degradation of the DNA. Another challenge is that numerous inhibitors may be coextracted with the DNA, leading to less efficient DNA profiling. Although new technologies have been developed (e.g., next-generation sequencing), it is crucial to use optimal protocols in all analysis steps, including sampling, extraction, further purification, DNA profiling, and bioinformatic analysis. This Special Issue is dedicated to reports demonstrating optimised forensic protocols and strategies in all stages of forensic DNA analysis and for a variety of criminal cases.

Guest Editor

Prof. Dr. Marie Allen

Department of Immunology, Genetics and Pathology, Uppsala University, Uppsala, Sweden

Deadline for manuscript submissions

closed (25 March 2023)

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/109176

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

[mdpi.com/journal/
genes](https://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



[mdpi.com/journal/
genes](https://mdpi.com/journal/genes)



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))