

Special Issue

DNA Barcoding and Metabarcoding of Complex Matrices

Message from the Guest Editors

DNA barcoding is a molecular and bioinformatics tool that aims at identifying organisms' species. The rationale of this approach is quite simple: Through the analysis of the variability in a single or in a few standard molecular marker(s), it is possible to discriminate biological entities. In the last fifteen years, this approach has largely been used to address taxonomic issues, as well as to achieve a reliable traceability system for raw materials, processed food items and other commercial products. This Special Issue is devoted to the advances in DNA barcoding and metabarcoding to analyze complex matrices with the main goals of i) elucidating the technical and bioinformatical advances currently available for these tools; ii) defining the possible fields of application; and iii) the effectiveness of these approaches in the research and technology transfer strategy. The editors also invite submissions on advanced approaches, including DNA metagenomics, target-enrichment sequencing, and marker mining from genome skimming data.

Assoc. Prof. Hugo de Boer

Guest Editors

Prof. Dr. Massimo Labra

Dr. Andrea Galimberti

Prof. Dr. Hugo De Boer

Deadline for manuscript submissions

closed (10 February 2019)

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/14844

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))