



genes



an Open Access Journal by MDPI

Bioinformatics and Computational Biology for Cancer Prediction and Prognosis

Guest Editors:

Dr. Garrett M. Dancik

Department of Computer
Science, Eastern Connecticut
State University, Willimantic, CT,
USA

Dr. Spiros Vlahopoulos

First Department of Pediatrics,
National and Kapodistrian
University of Athens, 11527
Goudi-Athens, Greece

Deadline for manuscript
submissions:

closed (1 May 2024)

Message from the Guest Editors

Dear Colleagues,

Bioinformatics tools play a vital role in understanding the biological complexity of cancer through the extraction of meaningful information from a large volume of diverse datasets. Of utmost importance are tools for data analysis, visualization, and interpretation that would aid in the realization of personalized medicine based on omics (genomic, transcriptomic, or proteomic) data, as well as on images and text.

This Special Issue aims to provide an overview of new and current bioinformatics tools for cancer prediction and prognosis. Contributions may describe novel approaches, or the application of new and existing ones, that aid in the identification of diagnostic, prognostic, or predictive cancer biomarkers; that identify potential therapeutic targets and important cancer-related pathways; or that otherwise provide valuable insight into cancer biology and treatment. To make progress in the field of cancer bioinformatics, contributions by experts in the field in the form of research papers and critical reviews are welcomed.



mdpi.com/si/171452

Special Issue



genes



an Open Access Journal by MDPI

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

Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving 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?

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 & Heredity*) / CiteScore - Q2 (*Genetics*)

Contact Us

Genes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/genes
genes@mdpi.com
[X@Genes_MDPI](https://twitter.com/Genes_MDPI)