



genes



an Open Access Journal by MDPI

Personalized Diagnostic Tools and Methods to Assess Genetic Predisposition in Human Disease

Guest Editor:

Dr. Emil Alexov

Department of Physics and
Astronomy, Clemson University,
Clemson, SC 29634, USA

Deadline for manuscript
submissions:

closed (10 June 2021)

Message from the Guest Editor

Dear Colleagues,

There is a clear linkage between various human diseases and genetic variants of affected individuals. This has prompted the development of tools to predict and databases to collect pathogenic variants. This development was facilitated by enormous advances in gene sequencing techniques, providing the biomedical community with a huge amount of data and, at the same time, offering accessible genetic testing. Thus, nowadays, it is possible for interested individuals, either advised by their primary physician or driven by their curiosity, to have their DNA sequenced. The next step is the analysis of the individual's DNA and assessing the risk of disease(s). This Special Issue in *Genes* titled "Personalized Diagnostic Tools and Methods to Assess Genetic Predisposition in Human Disease" will provide a platform for interested developers (both computational and experimental) to popularize their development and, at the same time, will provoke discussions regarding recent developments in specialized research topics and critical perspectives on upcoming challenges.

Dr. Emil Alexov

Guest Editor



mdpi.com/si/43003

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 and Heredity*) / CiteScore - Q2 (*Genetics (clinical)*)

Contact Us

Genes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/genes
genes@mdpi.com
[X@Genes_MDPI](#)