Special Issue

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

Message from the Guest Editor

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.

Guest Editor

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Deadline for manuscript submissions

closed (10 June 2021)

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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

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