Special Issue

Genes and Gene Polymorphisms Associated with Complex Diseases

Message from the Guest Editor

Complex diseases are commonly believed to be caused by the breakdown of several correlated genes rather than individual genes. The availability of genome-wide data from large human studies provides us with a new opportunity to explore this hypothesis by analysing disease-related biomolecular networks, which are expected to bridge genotypes and disease phenotypes and further reveal the biological mechanisms of complex diseases. On the other hand, high-quality studies based on candidate gene associations may also provide interesting results with the potential to define new genetic biomarkers that may be useful for clinical practice. The aim of this Special Issue is the collection of genetic/genomic studies closely focused on clearly defined clinicial output. The results of well-documented, complex disease studies performed on patients with cardiovascular diseases, diabetes mellitus, chronic inflammatory diseases, and cancer should be included. We would like to invite scientists to report their findings on the genetics of different complex human diseases, especially in association with molecular pathophysiological aspects of their etiopathogenesis and/or therapy.

Guest Editor

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Deadline for manuscript submissions

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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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