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Genetics of Complex Human Disease

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Deadline for manuscript submissions:
closed (20 May 2023)

Message from the Guest Editors

Dear Colleagues,

The vast majority of human diseases, including many congenital and adult-onset diseases, are complex diseases, The etiologies of complex diseases are multifocal, with contributions from genetic, environment, and lifestyle factors, and their interactions. Although previous research, such as genome-wide association studies (GWAS), epigenome-wide association studies (EWAS), and metabolome-wide association studies (MWAS), was successful in identifying novel loci underlying the pathogenesis of complex diseases, much remains to be explored to better understand the exact roles of genetic factors underlying the etiology of complex disease. Findings from genetic studies help to pinpoint potential therapeutic targets, identify informative biomarkers, and design effective preventive strategies. In this Special Issue, we invite scientists from various fields of research to report their findings on genetics of different complex human diseases. We welcome different types of research articles, such as systematic reviews/meta-analyses, genetic epidemiology studies, basic research, or interesting case reports.

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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.

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