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New Advances in Immunogenetics of Disease

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Message from the Guest Editors

Immunogenetic studies and the identification of genetic variations significantly impact new therapeutic targets for diseases. Advances in sequencing technologies have led to opportunities to systematically analyze omics data for the better diagnosis and treatment of diseases.

This Special Issue aims to collect high-quality original research articles, mini-reviews, and full length-reviews on the following issues:

Immunogenetic basis of disease pathogenesis;

Quantitative immunogenetics;

Prognostic indicators of immunogenetics in diagnosis, therapies, and insight into the pathogenesis of diseases;

Associations between aging, unhealthy lifestyle, poor diet, and immunogenetic background of chronic diseases;

Bioinformatics strategies and opportunities for searching appropriate reference sequences and sequencing-based genotyping;

Bioinformatic approaches and technologies used to achieve the proper level of typing resolution in immunogenicity.



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Special Issue



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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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