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Genetic Insights into Population Adaptations Associated with Immunity and Host Defense

Guest Editor:

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submissions:

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Message from the Guest Editor

As pathogens exert significant selective pressure on the human genome, the variability of immune responses across populations becomes evident. Understanding these differences in antiviral and inflammatory responses provides invaluable mechanistic insights into the activation of innate immunity, thus fostering the development of customized therapeutic interventions based on the known genetics.

We invite submissions for a Special Issue focused on exploring the intricate relationship between genetic variation, population diversity, and immune responses. This Special Issue aims to compile cutting-edge research that investigates how genetic, epigenetic, and environmental factors contribute to variations in immune responses across diverse human populations. We encourage contributions that illuminate the underlying mechanisms driving population disparities in immune function and explore their implications for human health and disease.



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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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