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Genetics of Infectious Diseases

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Message from the Guest Editors

Dear Colleagues,

Infectious diseases are a global health problem. The world is still fighting against SARS-CoV-2; however, emerging and re-emerging infectious diseases and outbreaks are overwhelming the healthcare system and the public as well. While we are talking more about epidemic preparedness and response, it is fundamentally important to understand the genetics, mechanisms, and impacts of infections. In this Special issue on “Genetics of Infectious Diseases”, we welcome original research, review articles, commentaries, and opinions on any related topics including but not limited to genetics and genomics of infectious pathogens, host–pathogen interactions, etiological factors for disease development, new approaches for pathogen diagnostics, and multi-omics analysis on infection phases. We are dedicated to publishing and highlighting your work in this Special Issue with unparalleled visibility and look forward to receiving your contributions.

Dr. Fuqing Wu

Dr. Charles Darkoh

Guest Editors



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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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