

Special Issue

Genetics and Epidemiology of Parasites

Message from the Guest Editor

In recent years, the convergence of classical parasitology and cutting-edge genomic and molecular technologies has revolutionized our understanding of parasitic organisms and the diseases they cause. This Issue welcomes contributions on a broad spectrum of topics, including, but not limited to, the following: the genetic diversity and population structure of parasites; the molecular basis of host–parasite coevolution; genomic adaptations to parasitic lifestyles; the mechanisms of drug resistance and virulence; the use of molecular tools for diagnostics and surveillance; and the application of genomic epidemiology to track transmission dynamics. Particular emphasis will be placed on parasites of significance in the domains of public health and veterinary science, including neglected tropical diseases (NTDs) and zoonotic pathogens, as well as the impact of environmental changes on parasite distribution and evolution. The ultimate goal is to showcase novel insights that can inform the development of innovative control strategies, diagnostics, and therapeutic interventions for parasitic diseases.

Guest Editor

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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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