

Special Issue

Advances in Genetics and Genomics of Parasites

Message from the Guest Editor

Recent advances in high-throughput automated DNA sequencing have enabled large-scale genomic sequencing to be a cost-effective and time-efficient approach to understand the biology and host interactions of parasites, and the continued development and implementation of new software tools further promote the final realization of the potential rewards of genome sequencing. Sequencing data from large numbers of laboratory lines and field isolates of a great number of parasites have advanced rapidly for studies of genome diversity, parasite evolution, population genetics, drug resistances, and pathogenesis. More recently, single-cell sequencing techniques have begun to yield exciting information for mixed infections, genetic recombination, and differentiation of parasites. This Special Issue will focus on the development and application of such technologies associated with genetics and genomics of parasites in animals and humans.

Guest Editor

Prof. Dr. Guanghui Zhao

Department of Parasitology, College of Veterinary Medicine, Northwest A&F University, Yangling 712100, China

Deadline for manuscript submissions

closed (20 December 2022)

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
genes@mdpi.com

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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

Prof. Dr. Selvarangan Ponnazhagan
Department of Pathology, The University of Alabama at Birmingham,
1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

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