

## Special Issue

# Molecular Mechanisms of Parasitic Diseases

### Message from the Guest Editor

Genetic studies in animal models of infection and human infectious diseases may provide a deeper biological understanding of why only a fraction of infected individuals progress to clinical disease, while the majority generally remain asymptomatic. What constitutes protective immunity? Studying human genetics in the context of infectious diseases may elucidate the mechanism underlying protective immune responses. While it is known that the presence of a pathogen is necessary to trigger disease, the genetic basis underlying interindividual susceptibility remains poorly understood in most infectious diseases. For this Special Issue, "Molecular Mechanisms of Parasitic Diseases", we invite the submission of manuscripts that investigate the pathogenesis of parasitic infections at both the cellular and host levels. Studies focusing on cellular biology, animal models and clinical investigations and examining the determinants of parasitic disease progression are welcome. We also encourage the submission of human genetic and immunological studies on the mechanisms causing only a subset of individuals to develop symptomatic parasitic infections, despite widespread exposure.

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### Guest Editor

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

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