

## Special Issue

# Molecular Aspects of Host-Parasite Interactions

### Message from the Guest Editor

Global Burden of Disease studies have highlighted that parasitic infections are among the main causes for disabilities worldwide; for example, intestinal helminths account for billions of infections at a global level, with an important impact in terms of mortality and disability-adjusted life years. To control parasite infections, the host immune response to these infectious agents must be understood and how exactly this response protects the host from parasites and/or their pathological consequences must be determined. The comprehension of such mechanisms at a molecular level may be an extraordinary help in such a formidable task. The focus of this Special Issue is as follows, with special emphasis on parasitic neglected tropical diseases:

- Molecules involved in the immune response to parasites (cytokines, chemokines, miRNA, etc.);
- Molecules involved in immune response escape by parasites and immunomodulation;
- Molecules in putative vaccines;
- Molecules that are potentially useful in new diagnostic tools.

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### Guest Editor

Prof. Dr. Fabrizio Bruschi  
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### Deadline for manuscript submissions

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## Pathogens

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## About the Journal

### Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics.

*Pathogens* is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

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### Editor-in-Chief

Prof. Dr. Hinh Ly

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