

## Special Issue

# Molecular Epidemiology, Genetics and Infection Biology of the Genus *Campylobacter*

### Message from the Guest Editors

Genus *Campylobacter*, in particular, *C. jejuni* and *C. coli*, are well-recognized as one of the leading causes of gastrointestinal illness worldwide, with possible consequences such as the development of Guillain-Barré syndrome (GBS), which is a rare disorder where a person's own immune system damages their nerve cells, causing muscle weakness and, sometimes, paralysis.

Among the genus *Campylobacter*, other species, such as *C. lari*, *C. hyointestinalis*, *C. fetus* are also linked to a series of human infection. The impact of these infectious agents on health ramified into a broader social need to address not only the biology, but also the social, economic, and psychological costs of the associated diseases on our lives. For this Special Issue, we sincerely invite you to send the original articles or review articles on aspects of the biology relating to the genus *Campylobacter*, from multiple viewpoints such as food safety, microbiology, infection biology, and molecular epidemiology.

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### Guest Editors

Dr. Hiroshi Asakura

Dr. Shouji Yamamoto

Dr. Takaaki Shimohata

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### Deadline for manuscript submissions

closed (31 March 2023)



## 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

Department of Veterinary & Biomedical Sciences, University of Minnesota, Twin Cities, MN, USA

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