

## Special Issue

# Omics Research of Pathogenic Microorganisms

### Message from the Guest Editor

The domestication of animals and plant breeding has supported the agricultural intensification that has allowed for huge human population sizes and economic growth. Plant and animal production in a changing world with increasing human populations is facing diverse challenges, including infectious diseases of plant crops and domestic animals. Disease-associated microbes, including bacteria, fungi and viruses, have been posing a major threat to agricultural production worldwide, and the increased use of antibiotics for the control of microbial pathogens has resulted in the global rise of antibiotic resistance. At present, old and new infectious diseases of plants, animals and humans continue to emerge, emphasising the need for novel approaches to detect, identify and control these diseases.

This issue focuses on state-of-the-art omics work that is used to study pathogenic microbes of plants, animals and humans, as well as novel insights from this research and how these insights can be translated to practice.

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### Guest Editor

Dr. Ir. Peter van Baaren

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### Deadline for manuscript submissions

closed (20 February 2022)

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## Genes

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### Message from the Editor-in-Chief

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### Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan  
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