

## Special Issue

# Neglected Infectious Diseases of Swine

### Message from the Guest Editors

Swine farming is a vital sector of the global animal agriculture industry, providing a major source of protein for human consumption. While modern pig production systems are designed to maximize efficiency and meat yield, they also present significant challenges.

Pigs are susceptible to a wide range of viral, bacterial, and parasitic diseases, many of which spread quickly in high-density environments. However, there is a group of infectious diseases in pigs that are often overlooked: the neglected infectious diseases. These include illnesses that pose a less immediate economic threat, but which can have serious long-term impacts. Minor diseases of pigs include viral (Swine Influenza A virus (SwIAV), Hepatitis E virus (HEV), Porcine Reproductive and Respiratory Syndrome virus (PRRSV)), and bacterial (Erysipelas, Leptospirosis, Melioidosis), and parasitic (cysticercosis, trichinellosis, balantidiasis) diseases.

We invite colleagues investigating any of the pathogens affecting pigs in relation to genetics, genomics, immunology, detection, public health, and vaccine development to submit their original research and review manuscripts to this Special Issue.

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### Guest Editors

Dr. Ana Margarida Henriques

Dr. Ana Isabel Simões Pereira Duarte

Dr. Margarida Dias Duarte

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### Deadline for manuscript submissions

31 March 2026



## 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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