

Special Issue

Pathogens of Wild Birds: Prevalence, Molecular and Morphological Characterization

Message from the Guest Editors

Pathogens detected in wild birds are of great importance, especially with regard to human health, as they cause emerging zoonotic diseases—for, the West Nile fever, for which wild birds are the main reservoirs of the virus, because of which, birds play an important function in its epidemiology. Furthermore, global change is also playing a role in recent range expansions of avian pathogens. Thus, a deeper understanding of wild avian pathogens, their dynamics, and infectious diseases of birds would be useful in helping to predict future outbreaks of infections due to emerging zoonotic pathogens. The aim of this Special Issue is to introduce a detailed overview of pathogens and diseases affecting wild birds. This Special Issue seeks novel research and review articles on all aspects of avian pathogens, their surveillance, the molecular characterization, their epidemiology, and host–pathogen interaction, as well as the ecology of diseases produced by these pathogens. We hope to gain a better understanding of avian pathogens and advances in the study of diseases produced by pathogens on wild birds. Your valuable contribution to this effort would be greatly appreciated.

Guest Editors

Dr. Rafael Gutiérrez-López

Animal Health Research Center (CISA-INIA), CSIC, Carretera Algete-El Casar s/n, 28130 Valdeolmos, Spain

Dr. Alazne Díez-Fernández

1. Faculty of Biology, Universidad de Sevilla, Seville, Spain

2. Department of Anatomy, Cell Biology and Zoology, Faculty of Science, Universidad de Extremadura, Avda. Elvas s/n, 06071 Badajoz, Spain

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
pathogens@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Hinh Ly

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

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