



One Health: New Approaches, Research and Innovation to Zoonoses

Guest Editor:

Dr. Chrysa Voyiatzaki

Department of Biomedical
Sciences, University of West
Attica, Egaleo Park Campus,
Agiou Spiridonos Str. Egaleo,
12243 Athens, Greece

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Message from the Guest Editor

A zoonosis is an infectious disease that has jumped from a non-human animal to humans. Zoonotic pathogens may be bacterial, viral or parasitic or may involve unconventional agents and can spread to humans through direct contact or through food, water or the environment. They represent a major public health problem around the world due to our close relationship with animals in agriculture, as companions and in the natural environment.

The overall goal of this Special Issue is the presentation of research and innovation for an improved comprehension of zoonoses focusing on the human–animal–environment interaction, covering the role of bacterial, viral, parasitic, fungal and prion infections, as well as wildlife and other vectors (including arthropods), in the (re-)emergence and transmission of zoonotic pathogens.





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Editor-in-Chief

Prof. Dr. Lawrence S. Young

Warwick Medical School,
University of Warwick, Coventry
CV4 7AL, UK

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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Contact Us

Pathogens Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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