



Infectious Disease Prevention and Control: A One Health Approach

Guest Editor:

Dr. Athina Pyrpasopoulou

Infectious Diseases Unit,
Hippokration Hospital,
Konstantinoupoleos 49, 54642
Thessaloniki, Greece

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Message from the Guest Editor

One Health is a unified approach whose aim is to sustainably balance and optimise the health of people, animals, and ecosystems. The health of humans, domestic and wild animals, plants, and the wider environment (including ecosystems) are interrelated and reciprocally affect each other.

By linking humans, animals, and the environment, One Health can help us to address the full spectrum of disease control—from prevention to detection, preparedness, response, and management—and can contribute to global health security. This Special Issue, Surveillance techniques and field research are invited to provide insight into the early detection of environmental and vector/intermediate host-related factors facilitating the development of emerging infectious disease outbreaks. On the other hand, the development of sensitive and accurate diagnostic tests is encouraged to promptly recognise manifestations of zoonoses that may pose a significant threat to public health. The spectrum of diseases to be covered ranges from epidemics of air-borne and/or food-borne diseases to emerging vector-borne infectious diseases and the spread of environmentally favoured fungi.

