Special Issue

An Ancient Terror, *Yersinia* pestis: What's New?

Message from the Guest Editor

For centuries, plague has been regarded with biblical terror "the black Death" afflicting humans since the Neolithic Age. In our modern world where boats can rapidly and easily transport rodents and fleas, the dissemination of plaque is still a concern. Moreover. climate change can also modify the global distribution of the three fundamental determinants of plague: fleas, rodents and Y. pestis. Yersinia pestis is a complex and interesting pathogen with an ecological life circle that sharply adapts to the vector, rodents, and the environment. The last ten years have brought new insight into the understanding of this pathogen; several phylogroups have been described, and genomes from ancient strains have been fully sequenced. Thus, the role of plasminogen activators in rodent invasion has come to be understood. In the era of the COVID-19 pandemic, which has brought new insight into disease dissemination, it is time to identify what we know and what remains uncertain about plague. This Special Issue of Pathogens aims to highlight and address scientific knowledge in this area. Original research papers as well as reviews proposing overviews of this "Ancient terror" are welcome.

Guest Editor

Dr. Ronan Jambou Global Health Department, Institut Pasteur, 75015 Paris, France

Deadline for manuscript submissions

closed (30 June 2024)



Pathogens

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 6.8 Indexed in PubMed



mdpi.com/si/128044

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

mdpi.com/journal/pathogens





Pathogens

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 6.8 Indexed in PubMed



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 and Biomedical Sciences, College of Veterinary Medicine, University of Minnesota, Saint Paul, MN 55108, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, CaPlus / SciFinder, AGRIS. and other databases.

Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q1 (Infectious Diseases)

