

Special Issue

Transfusion-Transmissible Infections and Epidemiological Surveillance

Message from the Guest Editors

Transfusion-transmissible infectious agents are among the greatest threats to blood safety for transfusion recipients, and are a serious public health problem. The safety of blood and blood components has dramatically increased over the last several decades thanks to the adoption of strict criteria for blood donor selection and the screening of all blood units for known transfusion-transmissible infections, with the combined implementation of highly sensitive antigen/antibody-based assays and nucleic acid testing, the rational use of blood to avoid unnecessary transfusions, and the introduction of pathogen-reduction technologies.

However, the last several decades have been characterized by the appearance of a significant number of emerging pathogens, and by the reappearance of infectious diseases with global impact, threatening transfusion safety. Blood donor screening tests may not be available for some of these pathogens. We hope this Issue will provide insights into the epidemiology of blood donors, as well as the best strategies for TTI risk reduction and ensuring blood donation safety, even during outbreaks from newly introduced or re-emerging pathogens.

Guest Editors

Dr. Vincenzo De Angelis

National Blood Centre, Italian National Institute of Health, 00161 Rome, Italy

Dr. Ilaria Pati

National Blood Centre, Italian National Institute of Health, 00161 Rome, Italy

Deadline for manuscript submissions

closed (31 May 2023)



Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/134615

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

[mdpi.com/journal/
pathogens](https://mdpi.com/journal/pathogens)





Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



[mdpi.com/journal/
pathogens](https://mdpi.com/journal/pathogens)



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

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)