

Special Issue

Foodborne Pathogens— Genome Sequencing Collection

Message from the Guest Editors

It is well known that next/third-generation sequencing technologies along with bioinformatic applications are currently revolutionizing food microbiology. The focus of this Special Issue is to address the most recent trends in the application of deep sequencing technologies in characterizing foodborne pathogens, therefore ensuring food safety. The scope of this Special Issue will be broad so as to encompass well-known foodborne pathogens in addition to emerging foodborne pathogens. Reports on the utilization of next/third-generation sequencing technologies in characterization of the microbiome associated with food/food process environments are also very welcome.

The main goal of this issue is to enlighten and promote the broad application of DNA deep sequencing technologies within the food industry. In addition, we also endeavor to address the novel applications highlighting the research gaps with an aim to increase food safety by driving further research into this theme. We look forward to receiving your latest research findings to be published in this special issue.

Guest Editors

Dr. Shabarinath Srikumar
United Arab Emirates University, UAE

Dr. Ben D. Tall
Senior Research Microbiologist
U.S. Food and Drug Administration, 5001, Campus Drive, College Park,
MD 20740, USA

Dr. Gopal. R. Gopinath
Center of Food Safety and Applied Nutrition, U.S. Food and Drug
Administration, Laurel, MD 20708, USA

Deadline for manuscript submissions

closed (30 April 2021)



Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/37474

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 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)