

Special Issue

Carcinogenic and Anti-carcinogenic Bacteria

Message from the Guest Editor

For many years, the most known bacterial carcinogen was *Helicobacter pylori*. With the development of science, especially molecular diagnostics, including NGS, it has been noticed that other bacteria may also be involved in cancer. A particular role is currently attributed to oral pathogens (e.g., *Streptococcus* sp., *Prevotella* sp., *Fusobacterium* sp., *Porphyromonas gingivalis*, and *Capnocytophaga gingivalis*). These pathogens can have an impact on the development of oral and esophageal cancers. Many works have also shown that mainly *Fusobacterium nucleatum* and *Porphyromonas gingivalis* play an important role in the development of colorectal and pancreatic cancer. On the other hand, already in the nineteenth century, Dr. William Coley presented anti-cancer microbes, now called the Coley's toxin. Anti-carcinogenic activity may also exert probiotic bacteria (e.g., *Lactobacillus* sp.). For this Special Issue, we invite you to send original or review papers on aspects of bacterial carcinogenesis and the anti-cancer activity of bacteria.

Guest Editor

Prof. Dr. Tomasz M. Karpiński

Department of Medical Microbiology, Poznań University of Medical Sciences, Wieniawskiego 3, 61-712 Poznań, Poland

Deadline for manuscript submissions

closed (31 December 2022)



Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/30586

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)