



Infectious Complications in Chronic Kidney Disease and Renal Transplant Patients: Prevention, Diagnosis, Management, and Emerging Trends

Guest Editors:

Dr. Carlo Alfieri

Dr. Evaldo Favi

Prof. Dr. Serena Delbue

**Dr. Roberto Antonio Simone
CACCIOLA**

Deadline for manuscript
submissions:
closed (30 November 2022)

Message from the Guest Editors

Dear Colleagues,

Chronic kidney disease (CKD) and renal transplantation (RTx) are associated with a higher risk of all-cause mortality and morbidity than the general population. Apart from cardiovascular disease, infectious complications actually represent the most relevant and perhaps preventable cause of death among these specific groups of patients. The increased susceptibility to infections observed in CKD and RTx recognizes several predisposing factors such as uremia, impaired primary host immunity, sustained exposure to microbiological agents during dialysis, and, especially in RTx patients, chronic immunosuppression.

In this Special Issue of *Pathogens*, we will provide an updated representation of the current prevention, diagnosis, and management strategies of common and rare infections in CKD and RTx patients. In addition, we will offer further insight into future directions and emerging trends in basic, clinical, and translational science relevant to the topic.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Moriya Tsuji

School of Engineering Medicine,
Texas A&M University, 2121 West
Holcombe Blvd., Suite 1007,
Houston, TX 77030, USA

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.

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)

Contact Us

Pathogens Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/pathogens
pathogens@mdpi.com
[X@Pathogens_MDPI](https://twitter.com/Pathogens_MDPI)