



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

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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.





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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.

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