

## Special Issue

# Current Therapeutic Strategies and Future Perspectives for Infectious Diseases

### Message from the Guest Editor

Infectious diseases pose a significant global health challenge, further exacerbated by the emergence of new pathogens and the growing threat of antimicrobial resistance. These challenges complicate effective prevention and treatment strategies. This Special Issue provides a thorough examination of innovative approaches and advancements aimed at combating these diseases. The articles in this issue will cover a range of infectious diseases, including bacterial, viral, fungal, and parasitic infections. Key topics will address recent developments in antimicrobial therapy, including novel drug discoveries, repurposing existing medications, and exploring alternative treatments such as bacteriophage therapies and immunotherapies. Additionally, contributors will investigate the integration of nanotechnology, gene editing, and personalized medicine to transform the management of infectious diseases. We also welcome future perspectives that focus on the role of artificial intelligence and big data analytics in predicting outbreaks, identifying therapeutic targets, and improving the efficiency of clinical trials.

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### Guest Editor

Dr. Duduzile Ndwandwe

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### Deadline for manuscript submissions

closed (25 October 2025)



## Journal of Personalized Medicine

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an Open Access Journal  
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## About the Journal

### Message from the Editor-in-Chief

*Journal of Personalized Medicine* is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on “omics”-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

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### Editor-in-Chief

Prof. Dr. Kenneth P.H. Pritzker

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indexed within Scopus, PubMed, PMC, Embase, and other databases.

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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 25 days after submission; acceptance to publication is undertaken in 5.8 days (median values for papers published in this journal in the second half of 2025).