

## Special Issue

# HIV-TB Co-Infection and Pediatric Pathogen Dynamics

### Message from the Guest Editor

HIV and TB coinfection remains a major clinical, biological, and implementation challenge for HIV programs, as it significantly increases the risk of severe illness and death, especially in high HIV prevalence and TB burden regions. Children living with HIV are more susceptible to TB infection and more likely to progress to TB disease. At the same time, late diagnosis and/or suboptimal treatment of TB disease accelerates HIV disease progression, leading to death. Timely and effective uptake of appropriate TB preventive therapy options is a necessary step to avoid TB/HIV coinfection in children living with HIV.

Despite all the progress, such as a reduction in TB deaths among people living with HIV and availability of molecular techniques for TB and HIV early diagnosis, an important gap remains in the number of pediatric TB reported, and the persistent early mortality among children initiating ART suggest gaps in TB/HIV prevention and management.

This Special Issue is devoted to collecting original papers and/or review papers about epidemiology, pathogen dynamics, prevention, diagnosis, management and long-term post-TB treatment outcomes among children coinfecting with HIV and TB.

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### Guest Editor

Dr. Boris Kevin Tchounga

Elizabeth Glaser Pediatric AIDS Foundation, Washington, DC, USA

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### Deadline for manuscript submissions

15 March 2026



## Pathogens

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*Pathogens*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[pathogens@mdpi.com](mailto:pathogens@mdpi.com)

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## 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.

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### Editor-in-Chief

Prof. Dr. Hinh Ly

Department of Veterinary & Biomedical Sciences, University of Minnesota, Twin Cities, MN, USA

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