



## Understanding the Interactions between HIV and Other Infections and Their Impact on Immune Function

Guest Editors:

**Prof. Dr. Justyna Dominika Kowalska**

Hospital for Infectious Diseases,  
Department of Adults' Infectious  
Diseases, Medical University of  
Warsaw, Warsaw, Poland

**Dr. Botond Lakatos**

South Pest Central Hospital,  
National Institute of Hematology  
and Infectious Diseases, Albert  
Florian ut 5–7, H-1097 Budapest,  
Hungary

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### Message from the Guest Editors

Dear Colleagues,

The late diagnosis of HIV infection remains challenging in many regions of the world. This results in patients presenting AIDS-defining conditions (ADCs), such as tuberculosis, toxoplasmosis, *P. jiroveci*, or JCV. Even in patients on effective antiretroviral therapy, residual HIV virus replication is responsible for immune activation, which is broadly linked with a higher frequency of non-HIV-related conditions, such as cardiovascular disease or cancer.

The relationship between HIV infection and other pathogens profoundly influences health outcomes, posing significant challenges in clinical management. However, the precise mechanisms of these interactions remain unclear. Understanding how these viruses interact with HIV and impact immune function is essential for developing effective strategies for diagnosis, treatment, and management.

This Special Issue aims to delve into the abovementioned aspects of HIV infection and will cover topics ranging from early diagnosis and effective treatment to exploring the immunological responses and potential risks associated with co-infections.

Prof. Dr. Justyna Dominika Kowalska

Dr. Botond Lakatos

Guest Editors





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### Dr. Nico Jehmlich

Department of Molecular  
Systems Biology, UFZ-Helmholtz  
Centre for Environmental  
Research, 04318 Leipzig,  
Germany

## Message from the Editor-in-Chief

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*Microorganisms* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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