

## Special Issue

# Advanced Research in Viro-Immunology

### Message from the Guest Editors

In recent years, tremendous progress has been seen in elucidating immune responses in virus infection. Mainly on labial and genital are present lesions, but can also affect the conjunctiva, the retina, and the central nervous system giving encephalitis and meningitis. The herpes infection persists latently throughout life, so it can give rise to reactivations and disseminate, especially in individuals with an immature or immunosuppressed immune system. These viruses are an example of the crucial involvement of the immune system and, consequently, of viral replication and/or suppression with a predominantly CD8+ mediated response. HIV is another type of virus where the immune response to therapy is measurable by monitoring CD4+ cell counts and plasma viremia. Still, in the context of HIV, a separate discussion should be made on the reconstitution of quantitative (CD4+ count) and qualitative (CD4+ function) immunity and HIV DNA, possible markers of HIV replication in the so-called “sanctuaries” and, therefore, of its own persistence. Therefore, considering this aspect, this Special Issue, is devoted to generating other scientific information in this field.

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### Guest Editors

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Dr. Pasquale Minchella

Dr. Maria Cristina Caroleo

Dr. Erika Cione

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### Deadline for manuscript submissions

closed (31 July 2023)



## Current Issues in Molecular Biology

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

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