Special Issue

Zoonotic Viruses and Global Health Impact

Message from the Guest Editors

Zoonotic viruses have reshaped global health, especially during COVID-19, which overwhelmed hospitals and shifted priorities. In the Special Issue 'Zoonotic Viruses and Global Health Impact', we explore the challenges these pathogens pose and the urgent need for rigorous research and public-health responses. The WHO's new Pandemic Agreement calls for a One Health approach, integrating prevention, research, and coordinated action. By uniting experts across fields, we can close knowledge gaps and develop strategies to protect communities. These measures will strengthen our defenses and ensure a more resilient global health future. This Issue focuses on avian influenza and other emerging viruses. Climate change is expanding the geographic range of zoonotic viruses, with recent findings of arboviruses in Greenland showing the virus's spread into new regions. We invite multidisciplinary research—field surveillance, modeling, and molecular studies-to better understand how zoonotic viruses shape global health.

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