



Diagnostics, Antiviral Therapy and Vaccination against Orthopoxvirus Infections

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Message from the Guest Editors

Dear Colleagues,

In the decades since the eradication of smallpox, the human population has almost completely lost herd immunity, not only against smallpox but also against other zoonotic orthopoxviruses. To date, this has led to the fact that outbreaks of human infections caused by monkeypox, cowpox, buffalopox, or vaccinia viruses are increasingly being recorded on different continents, and the risk of widespread epidemics of orthopoxvirus infections is increasing. Therefore, the development of new diagnostic methods, creation of antivirals, and modern vaccines against orthopoxviruses are of particular importance.

This Special Issue will review the latest research findings on the development of express diagnostic methods, the search for effective antivirals, and the creation of modern safe vaccines against orthopoxvirus infections.





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