

Comprehensive overview on 2022 human monkeypox outbreak and its pathology, prevention, and treatment: A strategy for disease control

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Abstract

As the COVID-19 pandemic scare fades in early 2022, governments throughout the world are now battling a fear of monkeypox outbreaks in various regions. The human monkeypox virus is a double-strand DNA virus that was first discovered in Africa. The 2022 monkeypox virus can spread from person to person and through infected animals. Nevertheless, the host or carrier for the same has not yet been cleared. The relatively low transmission rate has barred it from attracting attention on a global scale. However, as cases increase, the 2022 monkeypox virus creates a panic. Around 103 countries were affected due to this virus till September 2022. There is currently no global preventive or cure available for this virus. Only two vaccinations that were previously authorized for smallpox are licensed for this virus. Similarly, there is only one drug available for therapy. The article will give comprehensive knowledge regarding available virus epidemiology, morphology, immune invasion prevention, and treatment which help the researcher to come forward and develop a strategy for the disease prevalence.

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