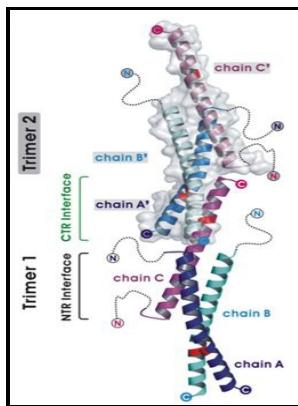


# Biology of poxviruses

**Springer-Verlag - The Molecular Biology of Poxviruses**



Description: -

Poxviridae.

Poxviruses.Biology of poxviruses

- 18

Virology monographs,Biology of poxviruses

Notes: Bibliography: p. [87]-109.

This edition was published in 1981



Filesize: 34.33 MB

Tags: #Poxviridae

## Poxviruses and the evolution of host range and virulence

The budding of poxviruses from their infected host cell allows them to acquire envelope during the budding process. It most likely evolved from a rodent virus between 68,000 and 16,000 years ago.

## Molecular evolution of poxviruses

Journal of Cancer Research and Therapeutics. The Poxviridae family contains viruses that infect humans, other vertebrates, invertebrates, birds and insects.

## The Molecular Biology of Poxviruses

Replication of the poxvirus is accomplished in several stages.

## The evolutionary biology of poxviruses

You can take some measure to help prevent the spread of the virus, such as keeping your hand clean, avoiding touching the bumps directly and rejecting to share personal items.

## The evolutionary biology of poxviruses

Based on the genome organisation and DNA replication mechanism it seems that phylogenetic relationships may exist between the ruminant viruses and the large eukaryal DNA viruses: the African swine fever virus, Chlorella viruses and poxviruses Poxviridae. Poxviruses have an enveloped genome and they are released from their infected host cell by budding process, an asexual type of reproduction.

## Pox Viruses: Structure and Its Replication

The nucleosome contains double-stranded DNA, which is surrounded by a membrane.

## **The Molecular Biology of Poxviruses**

Academic Press, San Diego, United States. This volume, *Biology of Poxviruses*, marks our debut as editors of this well known series.

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