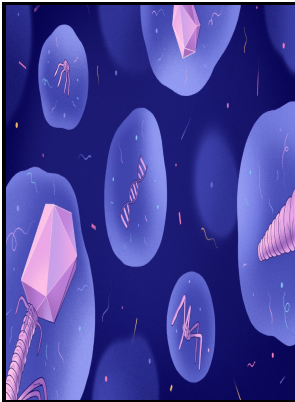


Viruses and genes

W.H. Freeman - Viruses: What are they and what do they do?



Description: -

-Viruses and genes

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Notes: Reprinted from Scientific American, June 1961.

This edition was published in 1961



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Tags: #Virus #Genes #in #Human #DNA #May, #Surprisingly, #Help #Us #Fight #Infections

Viral evolution

Their effects are far-reaching; by increasing the amount of respiration in the oceans, viruses are indirectly responsible for reducing the amount of carbon dioxide in the atmosphere by approximately 3 of carbon per year. Eventually, the genes they no longer needed for a parasitic way of life were lost.

Viruses, structure, classification and characteristics

Viruses and the Evolution of Life. Viral evolution is an important aspect of the of viral diseases such as , , and e.

Where Do Viruses Come From?

For example, the flu virus has a membrane-like envelope around its capsid. In the 1980s, researchers studying a soil bacterium were puzzled to find many copies of short sequences of single-stranded DNA littering the cells. These migrate through the cell and carry the code to where it is used to make proteins.

virus

Brown, Genetics: A Molecular Approach, 2nd edition, Chapman and Hall, 1992.

Viruses share genes with organisms across the tree of life

A recent study based on comparisons of viral protein folding structures, however, is offering some new evidence.

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