

Download Viral Genome Replication

A virus is a small infectious agent that replicates only inside the living cells of other organisms. Viruses can infect all types of life forms, from animals and plants to microorganisms, including bacteria and archaea. Next, a virus must take control of the host cell's replication mechanisms. It is at this stage a distinction between susceptibility and permissibility of a host cell is made. Scott M. Hammer Viral Replication I. Steps in Viral Replication A. Attachment. This is the first step in viral replication. Surface proteins of the virus interact with specific receptors on the target cell. VIRUS REPLICATION . Animals were first used for experimental or diagnostic work, followed by chick embryos and finally cell cultures. Numerous types of animal cell culture have found application in virology.