

In your textbook, read about the characteristics of a virus.

For each item in Column A, write the letter of the matching item in Column B.

Column A

Column B

- | | |
|---|---|
| <p>_____</p> <p>1. Genetic material of a virus</p> <p>_____</p> <p>2. Where a virus attaches to a host cell</p> <p>_____</p> <p>3. Nonliving particle that replicates inside a living cell</p> <p>_____</p> <p>4. A virus's protein coat</p> <p>_____</p> <p>5. Interlocks with a molecular shape in a host cell's plasma membrane</p> <p>_____</p> <p>6. Layer that surrounds the capsid of some viruses</p> <p>_____</p> <p>7. A virus that infects <i>E. coli</i> bacteria</p> <p>_____</p> <p>8. A cell in which a virus replicates</p> | <p>a. virus</p> <p>b. T4 phage</p> <p>c. DNA or RNA</p> <p>d. capsid</p> <p>e. receptor site</p> <p>f. envelope</p> <p>g. host</p> <p>h. attachment protein</p> |
|---|---|

In your textbook, read about viral replication cycles.

Chapter 18 Viruses Bacteria Reinforcement Study Guide

Padhraic Smyth



Chapter 18 Viruses Bacteria Reinforcement Study Guide:

Wattles David M. Richardson, Johannes J. Le Roux, Elizabete Marchante, 2023-11-13 The book provides a comprehensive overview of current knowledge about wattles a large clade of over 1000 species of trees and shrubs in the genus *Acacia* most of which are native to Australia It examines the biology ecology evolution and biogeography of wattles in their native ranges including the evolutionary forces that have driven past speciation and adaptation to diverse environments the conservation status uses and human perceptions of these species It considers the different histories of the introductions and proliferation of wattles as alien species in different parts of the world since c 1850 the Anthropocene situated within relevant political socio economic and scientific contexts together with an analysis of how awareness of their impacts as invasive species has changed over time Differences in the dynamics and trends associated with the introduction naturalization and invasion of wattles in different parts of the world are reviewed The book also synthesizes the global distribution of wattles using diverse data sources alongside trends patterns and projections of global uses of wattles It discusses the genetics biotic interactions and ecological economic and social impacts of invasive wattles This book is aimed at academics and students in the field of ecology and at managers of natural and anthropic ecosystems policy makers and regulators and the general public interested in biology and environmental science

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