

Name _____

Battling Viral Infections: Challenges and Solutions

Multiple Choice Questions

1. What is one of the primary challenges in treating viral infections?
 - A) Antibiotic resistance
 - B) Lack of vaccination
 - C) Antiviral resistance
 - D) Bacterial mutation

2. Why is the lack of broad-spectrum antivirals a challenge in combating viral infections?
 - A) They are ineffective against bacteria
 - B) They target only specific viruses
 - C) They are expensive to produce
 - D) They cause allergic reactions

3. What makes vaccine development for viral infections difficult?
 - A) High mutation rates of viruses
 - B) Lack of funding
 - C) Low demand for vaccines
 - D) Shortage of researchers

4. What contributes to the difficulty in controlling emerging viral threats?
 - A) Decreased globalization
 - B) Limited environmental changes
 - C) Ineffective surveillance
 - D) Lack of collaboration

5. What is a consequence of viral mutation and variability?
 - A) Development of antibiotic resistance
 - B) Ineffective immune responses
 - C) Decreased antiviral resistance
 - D) Rapid vaccine development

