

Basic Module Assessment

1. What are the major receptors HIV uses to bind and enter a cell?
 - A. GP120 and CXCR4
 - B. GP120 and CCR5
 - C. CCR5 and CXCR4
 - D. HLA-B47 and HLA-B23
2. Stem cell transplants are a viable and reproducible strategy for HIV cure.
 - A. True
 - B. False
3. This category of drugs are primarily being investigated as a latency reversing agent?
 - A. Bryostatins
 - B. Gag Proteins
 - C. Histone Deacetylase (HDAC) Inhibitors
 - D. Ligand Inhibitors
4. What is an elite controller?
 - A. An individual who has lived with HIV without medication for over 10 years.
 - B. An individual who has lived with HIV without medication for up to 10 years.
 - C. An individual who maintains low viral reservoirs while on treatment
 - D. An individual who has no detectable viremia in the presence of treatment.
5. Broadly neutralizing antibodies could potentially be used in prevention and cure approaches
 - A. True
 - B. False
6. Therapeutic vaccines are being developed for HIV-negative individuals
 - A. True
 - B. False
7. Gene therapists are targeting the gene that codes for THIS receptor
 - A. HLA –B47
 - B. CXCR4
 - C. CCR5
 - D. HLA- B23

8. In order to achieve a cure for HIV it will need a combination approach.
- A. True
 - B. False
9. What is a functional cure?
- A. An individual who lives without detectable virus off treatment
 - B. An individual who has had virus eradicated
 - C. An individual who goes on treatment within the first few days of infection
 - D. An individual who has no detectable virus while on treatment.
10. What are reservoir cells?
- A. skin cells
 - B. T cells
 - C. B cells
 - D. NK cells

Answer Key

1. B	<i>Answer found on slide 3</i>
2. B	<i>Answer found on slide 28</i>
3. C	<i>Answer found on slide 20</i>
4. B	<i>Answer found on slide 17</i>
5. A	<i>Answer found on slide 29</i>
6. B	<i>Answer found on slide 30</i>
7.C	<i>Answer found on slide 23</i>
8. A	<i>Answer found on slide 31 & 32</i>
9.A	<i>Answer found on slide 11</i>
10. B	<i>Answer found on slide 12</i>