

Virology – Biology 3310/4310 Spring 2017

Prof. V. Racaniello

Study Questions for Lecture 17 – Persistent infections

1. What is a persistent infection? What are the different patterns of persistence? What is latency and reactivation?

2. What events must take place for a persistent infection to be established? Explain the statement 'most persistent infections begin with an acute infection'.

3. Why are some organs more conducive to establishing persistent infections than others? What are some examples of these organs?

4. What is the state of the viral genome during a persistent infection? Are viral proteins produced? Are infectious viruses produced? Compare persistence with polyomaviruses, hepatitis viruses, and herpesviruses.

5. What is reactivation and what is its function? What is the sequence of events for herpes simplex virus reactivation?