

**Virology – Biology 3310/4310 Spring 2017**

**Prof. V. Racaniello**

**Study Questions for Lecture 24 - Unusual infectious agents**

1. What is a viroid? How does it replicate? Does it encode proteins? How does it make plants sick?

2. Name a satellite involved in human disease. What is the helper virus and what does it provide the satellite? How is the satellite genome replicated?

3. How do prions cause disease?

4. What are the three different types of spongiform encephalopathies and how are they spread?

5. What is the origin of mad cow disease and how was it transmitted to humans? Why is it still a threat to the food chain?

6. Explain why CWD might or might not be a threat to humans.