

BIOL 114 Understanding Viruses

Prof. Lester

Technology Presentation

(50 points)

Each student must create a presentation using technology such as PowerPoint, Prezi, etc. in order to demonstrate technological proficiency. You will email your presentation to me. No oral presentation is required. You may submit your presentation to me at any time during the semester before the due date – so don't wait until the last minute!

Each student will select one virus from the list below:

Kaposi's sarcoma virus (HHV8)	Measles
Mumps	Rubella
Hepatitis B	Hepatitis C
Polio virus	Varicella zoster virus (HHV3)
Epstein-Barr virus (HHV4)	Cytomegalovirus (HHV5)
Rotavirus	Rabies
Norovirus	Senecavirus
Lassa virus	Machupo virus
Junin virus	Hantaan virus
Rift Valley fever virus	Crimean–Congo hemorrhagic fever virus
California encephalitis virus	Chikungunya virus
Roseolovirus (HHV6A/B)	

The following questions must be answered in your presentation:

1. Where and when was the virus/disease discovered?
2. What other names, if any, are used for this virus/disease?
3. What are the symptoms of the disease and how long do they take to progress?
4. What is the mode of transmission for this virus/disease?
5. What is the morbidity (rate of disease) and mortality (rate of death) from this disease?
6. Are there particular groups of people or particular countries/locations/parts of the world that are more affected by this disease/virus?
7. Are there any drugs to prevent or treat the infection? How effective are they? Are there serious side-effects and if so, what are they?
8. Are there any vaccines to prevent or treat the infection? How effective are they? Are there any serious side-effects and if so, what are they?
9. Besides vaccines, what else can be done or should be done to prevent the transmission of this virus/disease among people or from country to country?

Format

1. In general, slides should not be completely filled with text. You may need to spread out your answers over several slides.
2. It is very beneficial to use pictures, charts and graphs to illustrate information. All illustrations must be cited!
3. All answers must have a citation right there with the text. The last slide in your presentation must be a reference slide with all references listed in either APA or MLA format. You must use at least 3 references.
4. The minimum number of slides is 10, including the reference slide.

Grading Scheme

Questions

Question 1 – 3 points _____

Question 2 – 3 points _____

Question 3 – 3 points _____

Question 4 – 3 points _____

Question 5 – 3 points _____

Question 6 – 3 points _____

Question 7 – 4 points _____

Question 8 – 4 points _____

Question 9 – 3 points _____

Total for questions = _____ (29 points possible)

Format:

At least 10 slides – 2 points _____

At least 3 references in correct format – 4 points _____

Citations for each question – 9 points _____

At least 3 illustrations – 3 points _____
(pictures, charts, graphs)

Citations for illustrations – 3 points _____

Total for format _____ (21 points possible)

Total for presentation _____ (50 points possible)

Comments: