

Paper Assignment: BIOL 220, Microbiology for Health Professionals

The organism that you are assigned is _____.

You should:

1. Give a detailed description of the morphology of the organism.
2. Give a description of any special characteristics that this organisms has that makes it unique (biochemical, metabolic, oxygen requirements, genetic,).
3. Describe what its pathology is (i.e., how does it infect, how does it cause disease, what is the time of incubation, what is the time for recovery, is it due to a toxin, is it due to cell death, etc).
4. How is the organisms and disease treated? What are the drugs, how are they administered, what are the doses, and how do they act? What is the general resistance level of the organism to current drugs (if known)?

The assignment can either be as a powerpoint presentation, or as a written paper. It should be no longer than 15 slides or two pages single spaced. It should be complete in its content. You can use any source (textbook, internet,), but **cite all of your references**. If there is a really good internet page state this fact.

Topics–

- 1 Influenza
- 2 Infectious mononucleosis
- 3 Chicken pox
- 4 Measles
- 5 German measles
- 6 Herpes
- 7 AIDS
- 8 Rabies
- 9 Malaria
- 10 Tetanus
- 11 Hepatitis A
- 12 Hepatitis B
- 13 Cholera
- 14 Lyme Disease
- 15 Giardiasis
- 16 Dengue Fever
- 17 Ebola virus
- 18 Hanta virus
- 19 Anthrax
- 20 tapeworm
- 21 Athlete's foot
- 22 Bovine spongiform encephalitis agent
- 23 Hemorrhagic diarrhea
- 24 Legionnaire's disease
- 25 Toxic shock syndrome
- 26 Systemic Lupus erythematosus
- 27 Shingles
- 28 Coronavirus (SARS)
- 29 Whooping Cough
- 30 E. Coli diarrhea

Student Presenters

- ___Anson/Zeisig/Barrand_____
- ___Black/Widner/Walters(Amy)_____
- ___Bultemeyer/Voirol/Trabel_____
- ___Burke/Todd/Butler_____
- ___Cole/Tabron/Strickler_____
- ___Cox/Strasser/ Cripe_____
- ___Davis (Amy)/Stevens/Stauffer___
- ___Davis (Monick)/Staub/Edwards___
- ___Eidam/Smith(Michelle)/Ellinger___
- ___Ellis/Smith(Heidi)/Shock___
- ___Essix/Ewing/Schott_____
- ___Felger/Schlotterback/Scheumann___
- ___Franzen/Fromader _____
- ___Gaff/Rice _____
- ___Galli/Reiber _____
- ___Gill/Pounds_____
- ___Hollinger/Pool_____
- ___Howie/Pettigrew_____
- ___Htoo/Oster_____
- ___Hummitch/Minnich_____
- ___Hunter/Miller (Kari)_____
- ___Jackson/Miller(Cynthia)___
- ___Jones/Merriman_____
- ___Kellaris/Mansfield_____
- ___Krouse/Malecki_____
- ___Kummer/Malcolm_____
- ___Lanning/Lara_____
- ___Reinking/Saltzberry_____
- ___Hunnicut/Snyder_____
- ___Walters(Kristen)/Snyder___