



Across

4. Dimorphic fungi are named because of their ability to invade the cytoplasm of these histiocyte-like cells.
8. *Proteus mirabilis* has a tendency to do this on blood agar.
9. *Neisseria gonorrhoeae* is positive for this CTA sugar.
10. *Vibrio* grows best in artificial media containing salt and is thus considered...
12. This name is given to a piece of DNA or RNA that is the source and/or product of application.
14. This enteric virus is highly contagious and is an important cause of outbreaks in hospitals, cruise ships, etc.
15. A fly that is the vector of African Trypanosomiasis.
17. A powerful biological neurotoxin is produced by this species of *Clostridium*.
19. A vaccine against this *Neisseria* spp. is recommended/required in college students.
21. Pseudomembranous colitis is a serious disease that can result from an infection with this *Clostridium* spp.
24. This blue pigment is produced by *Pseudomonas aeruginosa*.
26. This genus is one of the main causes of gastrointestinal disease and is found in poultry.
27. The Ebola virus is a member of this family.
28. This *Bordetella* spp. is the causative agent of whooping cough.
29. Waterhouse Friderichsen syndrome is many times caused by fulminant...
30. This genus is closely related to the *Plasmodium* and is transmitted by ticks instead of mosquitoes.

Down

1. This *Entamoeba* spp. can cause severe extraintestinal disease involving the liver, brain, and other organs.
2. This antibiotic is used to treat diarrhea caused by *Clostridium difficile*.
3. This *Clostridium* spp. produces a characteristic double zone of hemolysis on Brucella agar.
5. A chest x-ray in pulmonary anthrax may reveal an enlarged...
6. A bacterial disease that typically affects cattle and buffalo causing undulant fever in humans.
7. A large clearing surrounding *Cryptococcus* cells in a India ink prep is due to the presence of a thick...
11. Naladixic acid and this antibiotic are in the selective media CNA.
13. The aminoglycosides are known for causing hearing loss or...
16. The last and most dangerous stage of sepsis is called septic...
18. The *mecA* gene imparts, in *Staphylococcus aureus*, resistance to this antibiotic.
20. This *Pasteurella* spp. is commonly found in the mouths of dogs and cats.
21. This *Haemophilus* spp. is the cause of the disease "chancroid".
22. This *Mycobacterium* spp. has never been successfully grown in artificial media.
23. The *Treponema pallidum* spirochete is the cause of this disease.
25. The Raduvid bug is the vector of this *Trypanosoma* spp. that causes chagas disease.
26. CRE are Enterobacterales that are resistant to this family of antibiotics.