

Miramar College, Summer 2010
Diversity Presentation Topic Questions

TANG, DAVID

1. What is the eukaryotic organelle that is believed to be a relative of the bacteria Rickettsia?

2. What are three methods that various Rickettsia bacteria use to exit the host cell?

Jones, Gabrielle

3. In *Agrobacterium tumefaciens*, expression of what kind of genes leads to formation of tumors?

4. Which form of *Agrobacterium* is used to treat Crown Gall Disease?

LE, PETER

5. Diazotrophs, such as the Rhizobium and Nitrobacter genus, have what ability that plants do not have?

6. You would characterize the relationship between most Rhizobium and plants as what?

CHAN, MARK

7. What is another name that Chromatium bacteria go by?

8. Which inorganic mineral do Chromatium bacteria get their energy when there is no sunlight present? (during dark phase reactions)

GODSHALL, KATE

9. Why is *Thiomargarita namibiensis* so large?

10. Where was *Thiomargarita namibiensis* first discovered?

JANG, GIWON

11. On what day was the causative agent identified as a previously unknown bacterium, subsequently named *Legionella*.

12. What is the ideal growth range for the *Legionella*?

MALIG, JASON

13. What genus of bacteria fix nitrogen and produce neurotoxins?

14. *Anabaena* produce what structure to aid in survival of harsh conditions?

LERMA JONES, VANESSA

15. What physical characteristic allows the mycoplasma to be pleomorphic?

16. Mycoplasmas are known to cause what kind of respiratory infection?

NGUYEN, GINA

17. How do diatoms reproduce?

18. What materials made up the cell wall of diatoms?

SWEENEY, LEAH

19. Which body tissues does *Treponema* infect?

20. Which subspecies of *Treponema* causes venereal syphilis?

OTIS, MATTHEW

21. Where is *Pyrodictium occultum* usually found?

22. What does *Pyrodictium occultum* usually utilize as an electron acceptor in its metabolism?

GRACHEVA, INNA

23. Why is *Thermus aquaticus* so important today, what is it used for?

24. What does bacteriorhodopsin do?

CORRALES, Toni

25. What are the usual habitats of algae?

26. What are some of the benefits algae provides to humans?

Lewis, Terri

27. What is one of the ways you can get Paralytic Shellfish Poisoning?

28. How does the dinoflagellata derive their name?

SICAT-SANTA ANA, MARISSA

29. Of the Euglenozoa 2 distinct classes (Kintoplastid and Euglenoid) what are the 2 diverse ecosystems each of these are found in?

30. What kind of disease is Trypanosoma brucei known for?

CATIPON, GABRIEL

31. How does Trichinella manifests itself as a disease?

32. What is the best way to find out if you have trichinellosis?

EDWARDS-MOBLEY, MONIQUE

33. Where do most of the female Guinea Worms appear after emerging from the skin?

34. Enterobius are most commonly known as what?

VU, VAN

35. What Species besides Isochrysis sp. is also commonly used in the aquaculture industry?

36. How many flagella do Haptophytes usually have?

YEMANE, MAHTA

37. On which part of the body are symptoms of recurrent respiratory papillomatosis manifested?

38. How can males be tested for Human Papillomavirus?

NGUYEN, KAYLA

39. Where does the replication occur for viral family of Picornaviridae?

40. What is another name and function for positive strand RNA of Picornaviridae?

PANOWSKI, JONAH

41. What are the three epidemiologies of Yellow Fever?

42. What is the only true protection against Yellow Fever?

DEL VILLAR, YURIDIA

43. Orthomyxoviridae is a single stranded DNA virus. True or False?

44. Among Influenzaviruses A, B, C, which is antigenetically more stable.?