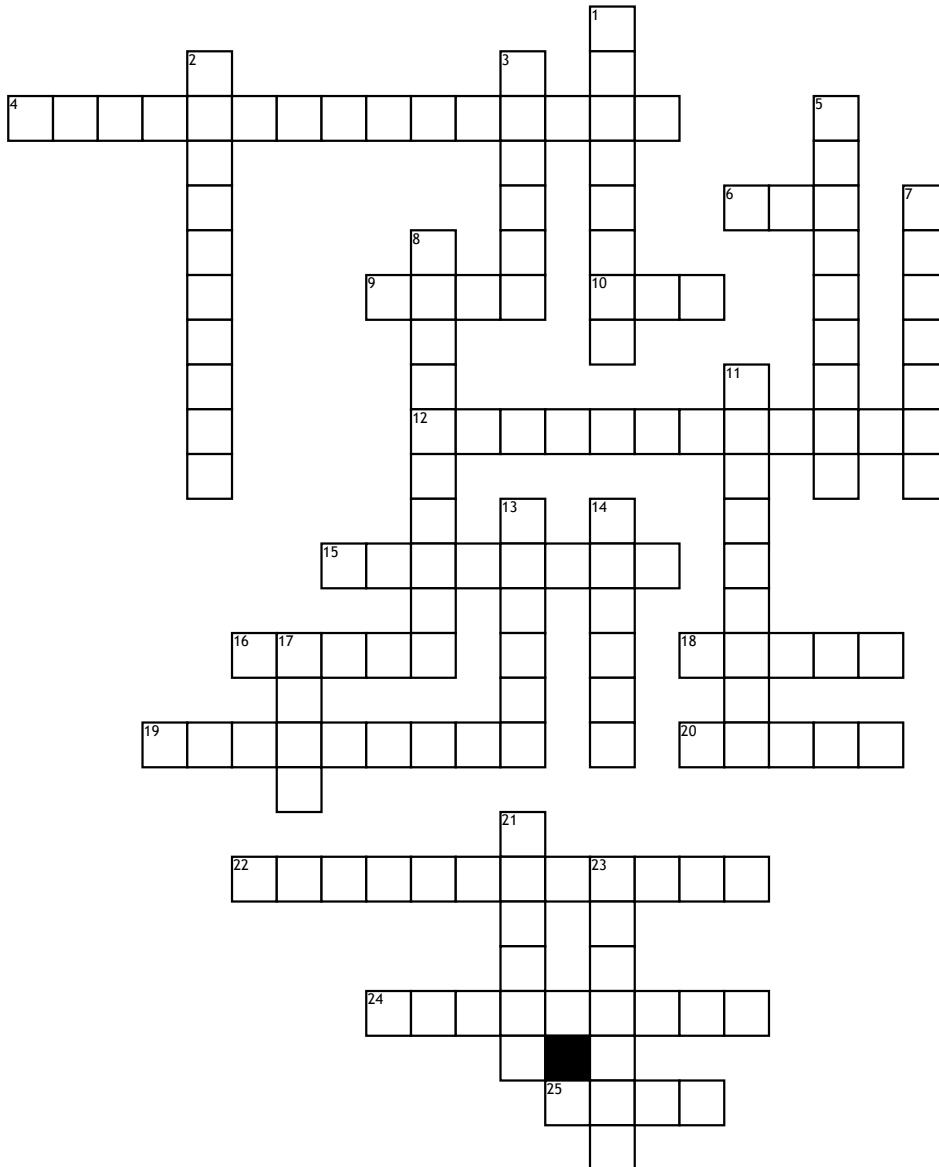


Clostridium difficile



Across

4. new resistant strain
 6. number of tests to ensure proper diagnosis of CDI
 9. clade _____ is non-toxigenic
 10. *C. difficile* contains ____ different clades
 12. type of cell wall
 15. third most common transmission of strain in Europe
 16. amount of loose stools per day to consider CDI diagnosis
 18. bile acids are converted in this organ
 19. size of *C. diff* genome is 4.3 _____

20. the rate of _____ by CDI is 1.3% within 30 days of infection

22. patients can be _____ or have severe infection

24. growth characteristic

25. a higher _____ of antibiotic can cause higher risk of contracting CDI

Down

1. a new strain of resistant *C. diff* was caused by a _____ mutation

2. fecal _____ is the best way to prevent CDI

3. part of *C. diff* with lots of protein structures

5. preventative measure against CDI infection

7. example of CDI animal model

8. the _____ has 947-1033 genes

11. age when CDI risk greatly increases

13. *C. difficile* creates _____ in the colon

14. *C. diff* has _____ 29,000 people in 2011

17. *C. diff* spores are _____-resistant

21. _____ exposure can lead to increased risk of infection

23. ineffective method of removing *C. diff* spores