

Across

1. Rat borne cause of jaundice (13)
3. Clinical syndrome of severe infection (6)
7. Worm with a truly revolting life-cycle (7)
10. Antibiotic with only Gram-positive activity (11)
12. Virus treated by neuraminidase inhibitors (9)
15. Discoverer of *Klebsiella pneumoniae* (11)
17. Bacteria that should be there (6_5)
18. A water borne infection of the respiratory tract (13)
19. Most common fungus found in blood cultures (7)
21. Enzyme most commonly causing Ceftriaxone resistance in *E. coli* in the UK abbr (4)
22. Liver cysts from dogs (14)
24. Emerging pathogen of the urinary tract (10)
25. Vaccine preventable cause of epiglottitis abbr (3)
26. Most common cause of viral meningitis in the UK (11)
29. Water borne cause of severe skin and soft tissue infection (6_10)
31. Bacterium from dog bites (14)
32. Lower respiratory tract infection characterised by consolidation (9)
35. What you might get if you don't cook your Christmas turkey correctly (13)
37. Inflammation of the brain caused by HSV (12)
40. A list of possible diagnoses (12)
41. A high white cell count, low glucose, high protein suggests what cause of meningitis? (9)
43. Cat bite bacterium (11)
44. Reactivation of Chicken Pox (8)
46. Antibiotic contraindicated in renal failure (14)
47. A coagulase positive *Staphylococcus* (14_6)
48. Bacteria capable of taking up new genetics are called this (9)
49. Most common STI in the UK (9)
53. associated with tampon use (5_5_8)
55. Blood culture bottle taken first (7)
56. Poldark's putrid throat (10)
61. Another name for cat scratch disease (13)
62. Opportunistic infection treated with Cotrimoxazole (12)
65. Another name for *staphylococcus aureus* resistant to Flucloxacillin abbr (4)
66. Opportunistic infection with rapid growing fungi (12)
67. The spindly bacterium of death (13_11)
68. Severe soft tissue infection (11_9)
69. Method by which bacteria talk to each other (6_7)

Down

2. Common cause of neonatal sepsis (13_10)
4. Infection that can mimic almost any other disease (8)
5. Person who discovered the most common stain used in microbiology (4)
6. The Group D beta-haemolytic streptococcus resistant to Cephalosporins (12)
8. One of the CDAD 4Cs (11)
9. According to the media which Virus nearly ruined the 2016 Rio Olympics (4)
11. Cause of meningitis not treated with Ceftriaxone or Chloramphenicol (8)
13. Infection of the ear after piercing (14)
14. Worrying cause of antibiotic resistant STIs (10)
16. Presence in urine suggests contamination (10_5)
20. CRP is made here (5)
23. Cow consumption (6_12)
27. Antibiotic thought to be responsible for GRE in animal husbandry (9)
28. Break bone fever (6)
30. Disease from Freetown now under control (5)
33. Not a big pox (8)
34. Common coloniser of moist sites including ears (11)
36. Producer of UK national guidelines abbr (4)
38. Herpetologists might catch this from their pets (10)
39. Mobile genetic element capable of transferring antibiotic resistance (7)
42. Most common cause of glandular fever (7_4_5)
45. A romantic toxin in *Staphylococcus aureus* (9)
47. Appearance of sputum suggesting contamination (8)
50. Severe muscle weakness preventing the use of many antibiotics (10_6)
51. Common parasite treated with Metronidazole (7)
52. Slang term for *Neisseria meningitidis* (13)
54. Infection cause by a dimorphic fungus found in bat guano (14)
57. Illness caused by *Coxiella burnetii* (1_5)
58. Most commonly prescribed drug in the UK which interacts with antibiotics (11)
59. Compulsory vaccination for travel from endemic areas (6_5)
60. System of antimicrobial monitoring (11)
63. Common reason for under-dosing antibiotics (7)
64. Life-threatening infection caught abroad (7)