



The Royal College of Pathologists

Pathology: the science behind the cure

Pathology crossword

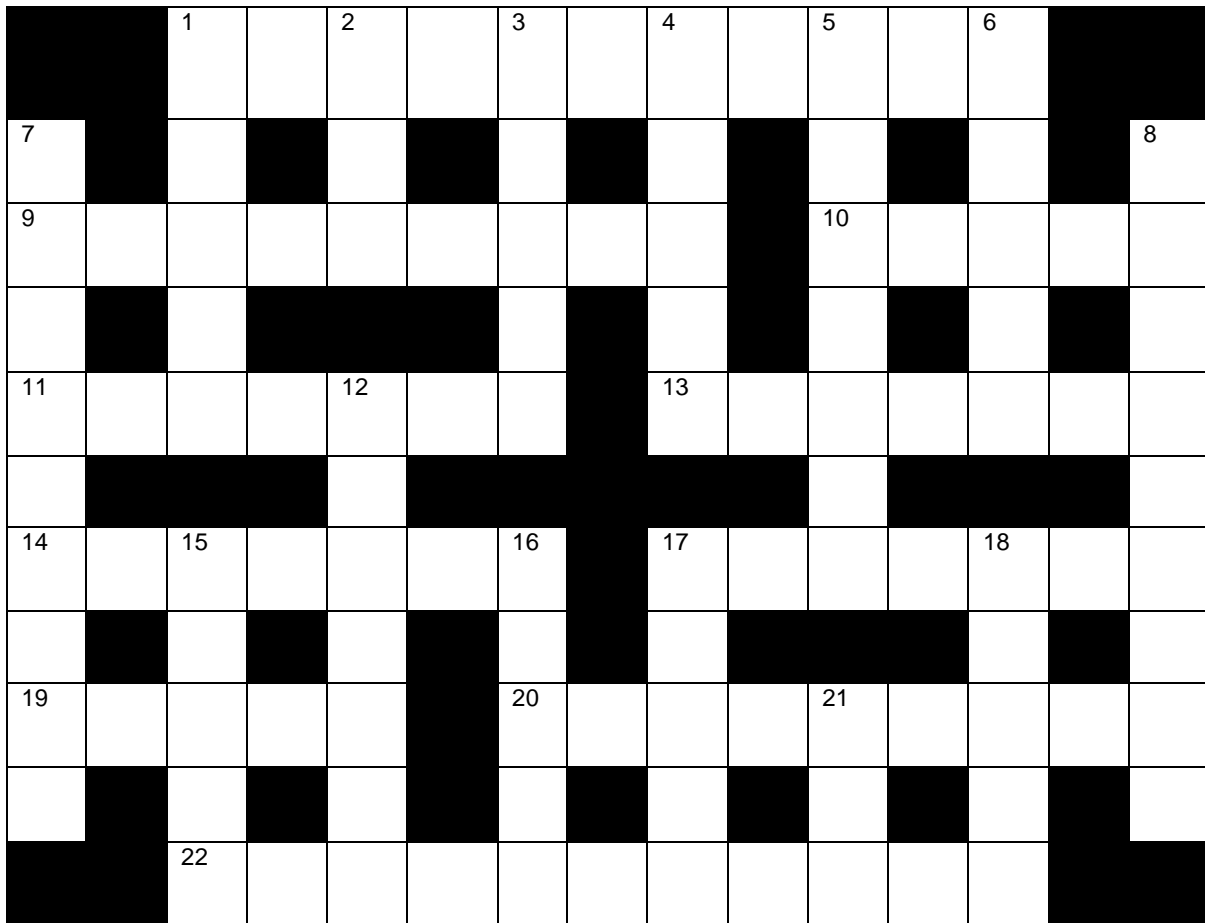
With summer holidays on the horizon, some of you may have the opportunity of a few spare minutes on your travels, or during your staycation – so why not try your hand at our pathology-themed crossword?

All the answers relate to 1 or more specialties of pathology. Next to each clue, the main relevant specialties are indicated, as well as the number of letters in the answer. This may help you target the first clues to broach!

Email completed attempts to publishing@rcpath.org by Friday 13 September. The first correct entry (or most nearly correct, if none are fully complete) selected at random will win a small prize of RCPATH merchandise – choose from a teddy, a tie, a mug or an insulated water bottle. The winner will be announced in the next Bulletin.

Key

CB: Clinical biochemistry; CP: Cellular pathology; H: Haematology; I: Immunology; MM: Medical microbiology; MV: Medical virology; NP: Neuropathology; OMP: Oral and maxillofacial pathology; PP: Paediatric and perinatal pathology; R: Research methods; VP: Veterinary pathology.



Across

1. Cause of tularaemia (11) (MM)
9. Tool used to prepare sections for histological examination (9) (CP)
10. Immature/precursor cell (5) (H)
11. British pathologist who proposed that Burkitt's lymphoma was caused by a virus, and co-discovered that virus in 1964 (7) (MV)
13. Pertaining to nutrition; a type of feeding for pre-term infants (7) (CB)
14. Machines which keep flasks continuously agitated during microbial culture (7) (R)
17. Examination performed after death; 'to see for oneself' (7) (CP)
19. Greek letter signifying last carbon atom in the chain of a fatty acid molecule (5) (CB)
20. Premature separation of the placenta (9) (PP)

22. Result of insufficient fluid intake, may be reflected in U&E results (11) (CB)

Down

1. Adjust the microscope for a sharper image (5) (CP, MM, H)
2. Antibody against a streptococcal exotoxin (3) (MM)
3. Dentigerous cysts develop around this part of the tooth (5) (OMP)
4. Body fluid used in the past to test for cystic fibrosis (5) (CB)
5. Howie-style garment (3, 4) (MM, MV, I, CP, CB, H, PPP, OMP, NP, VP, R)
6. All pathologists must give their hands one of these when leaving the lab (1, 4) (MM, MV, I, CP, CB, H, PP, OMP, NP, VP, R)
7. Type of oil used in light microscopy to increase the resolving power (9) (MM)
8. Overhang of base-pairs of 1 strand over the other in a linear DNA molecule, created by restriction enzymes and useful in molecular biology (6, 3) (R)
12. Often infested with Demodex parasites, especially in the elderly (7) (MM)
15. To alter a report, for example after an error has been spotted (5) (MM, MV, CP, CB, H, I, PP, NP, OMP, VP)
16. Pointed, sharp piece of broken glass, such as from a glass slide (5) (MM, I, CP, H)
17. Great vessel which may be affected by syphilis, giant cell arteritis or aneurysm (5) (MM, I, CP)
18. Abnormal protein causing spongiform encephalopathies (5) (MM, NP, VP)
21. Coagulation factors of the serpin superfamily. 1 type is produced mainly by the endothelium, the other by the placenta (3) (H)