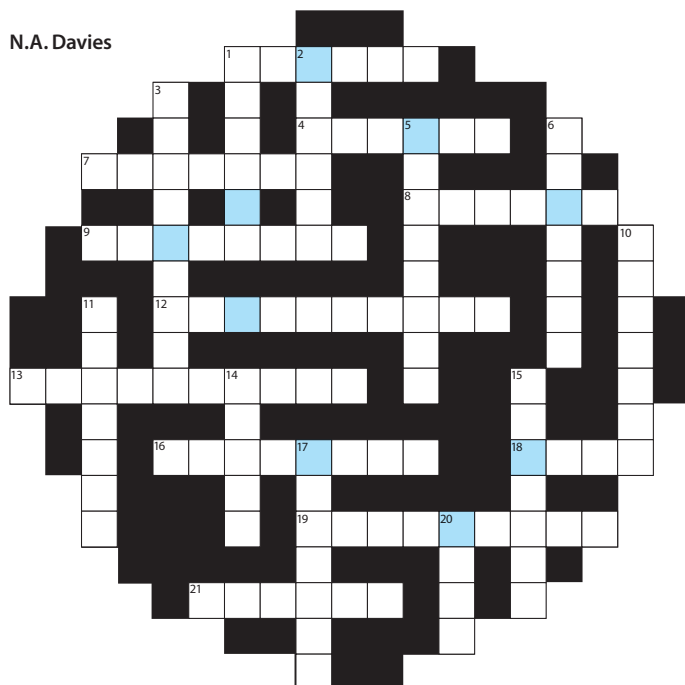


## Prize Crossword

N.A. Davies



### Across

1. Determination of the therapeutic amount administered (6)
4. Far from society (6)
- 7 & 9. Branch of artificial intelligence whereby rules are generated based on data (7, 8)
8. Point or area aimed at (8)
9. See 7 across (8)
12. Novel, based on an improvement (10)
13. Device that functions without continuous input (10)
16. Relating to the actual treatment of disease (7)
18. Connection point in a network (4)
19. Set of rules to solve a problem (9)
21. Portable, handheld wireless device (6)

### Down

1. To plan and fashion skillfully (6)
2. To sieve; a light reflecting surface for projection (6)
3. A system of parts that performs a function (9)
5. To make as perfect as possible (8)
6. Foretell (7)
10. Impairment of normal physiological function, possibly due to pathological reasons (7)
11. Plan or diagram used in making something (7)
14. Act of testing or putting to the proof (5)
15. Lizard of the genus *Varanus* (7)
17. Use of specialist techniques to visualize the body's interior (8)
20. Diseases affecting less than 5 in 10,000 (4)

Solutions to the crossword featured in the August 2019 issue are: **Across:** 2. Junction, 5. Fertilizer, 6. Conduct, 9. Clover, 10. Receptor, 13. Legumes, 15. Crop, 16. Fuel cell, 17. Signal, 18. Nitrogen, 20. Potential. **Down:** 1. Bioreactor, 3. Cylinder, 4. Carbon, 7. Neuronal, 8. Haber, 11. Element, 12. Symbiotic, 14. Fullerene, 15. Channel, 19. Ion.

## Crossword Competition

### Win

This issue's crossword prize is a set of four Recycled Circuit Board Coasters. Simply email the missing word, made up from letters in the highlighted boxes to [biochemist@biochemistry.org](mailto:biochemist@biochemistry.org), by Friday 3 January 2020.

Please include the words 'October crossword competition' in the email subject line.

### Congratulations to the winner of the August competition:

**Will Stanley, University of Newcastle (UK)**

The missing word from last issue's competition was MENDELEEV. Will received an Eco Friendly Reusable Bamboo Travel Coffee Mug and a copy of *The Periodic Table* by Primo Levo.

**Terms and conditions:** only one entry per person, closing date Friday 3 January 2019. The winner will be drawn independently at random from the correct entries received. The winner will receive a set of four Recycled Circuit Board Coasters. No cash alternative available. No employee, agent, affiliate, officer or director of Portland Press Limited or the Biochemical Society is eligible to enter. The winner will be notified by email within 7 days of the draw. The name of the winner will be announced in the February issue of *The Biochemist*. The promoter accepts no responsibility for lost or delayed entries. Promoter: Biochemical Society, 5th Floor, 90 High Holborn, London, WC1V 6LJ; do not send entries to this address.

