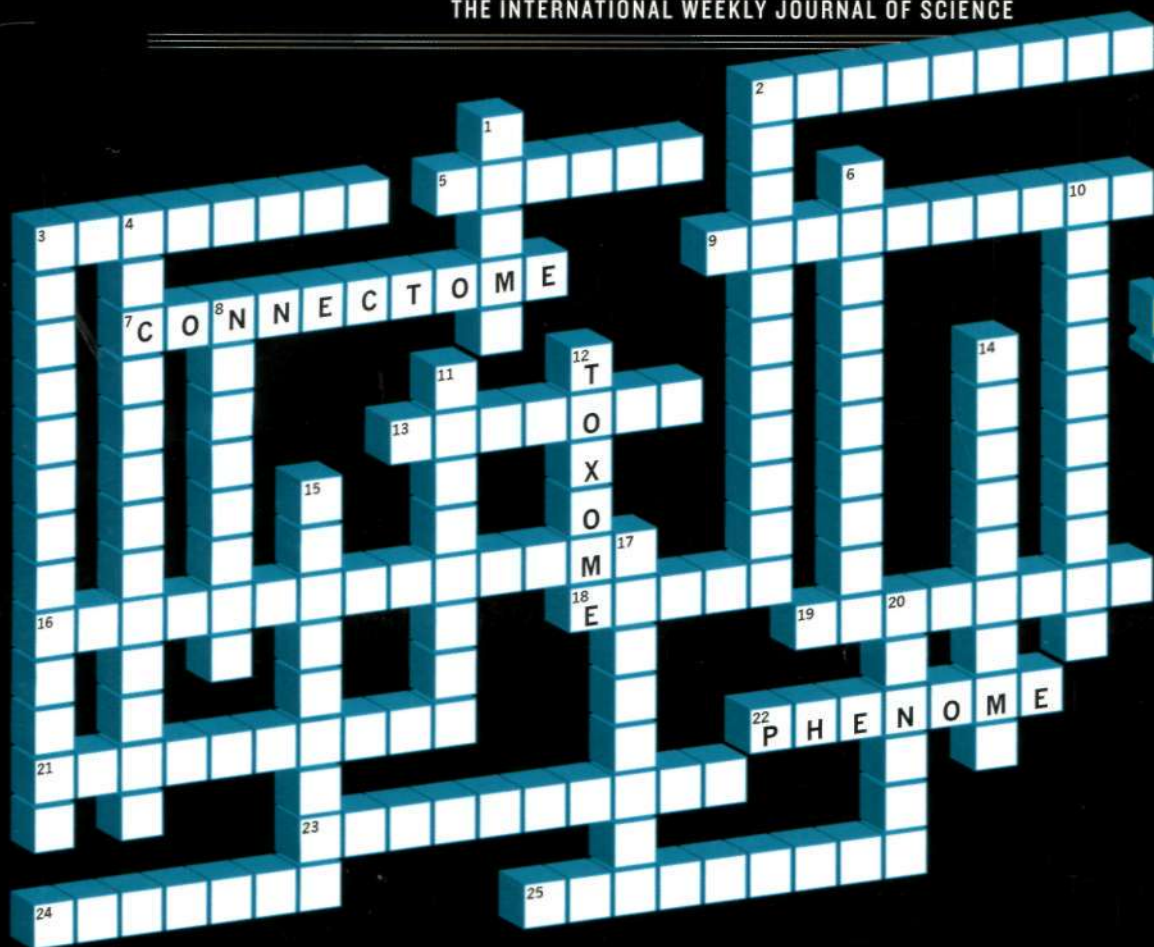


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THE INTERNATIONAL WEEKLY JOURNAL OF SCIENCE



'OMES

THE GOOD,
THE BAD AND
THE UGLY

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ACROSS

- 2. The 'ome joining the rest together (see Feature p.416).
- 3. All the data generated by clinical trials.
- 5. All the protein kinases encoded in a genome.
- 7. A map of the brain's neurons and neural connections.
- 9. All of the metabolites in an organism.
- 13. The interaction network for approved drugs and targets.
- 16. The genome's influence on a patient's response to drugs.
- 18. The part of the genome that codes for proteins.
- 19. All the regulatory components in a cell.
- 21. The structures and functions of all membranes in an organism.
- 22. The phenotypic variability of an organism.

- 23. Genetic material recovered from uncultured microorganisms in environmental samples.
- 24. A database of basic nuclear proteins.
- 25. The totality of human speech components.

DOWN

- 1. All life is there.
- 2. The entirety of molecular interactions in a cell.
- 3. All the transcribed RNA of a cell or tissue.
- 4. Isaac Kohane's phrase for chance findings in the genome.
- 6. All the nascent polypeptide chains in a cell.
- 8. The part of the genome involved in regulating nutrient metabolism.

- 10. All the nucleic acids, lipids, proteins, sugars and other molecules in a system.
- 11. All the proteins expressed at a certain time by a certain genome.
- 12. All the cellular processes involved in toxicity.
- 14. The metals and metal-containing molecules in a cell or a tissue.
- 15. All the processes relating to force and mechanical systems in a cell.
- 17. A measure of everything an individual is exposed to in a lifetime.
- 20. Where the trouble began (*Nature passim*).

(GO.NATURE.COM/71HXUT FOR PRINTABLE PUZZLE)

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Structure of complete respiratory complex 1

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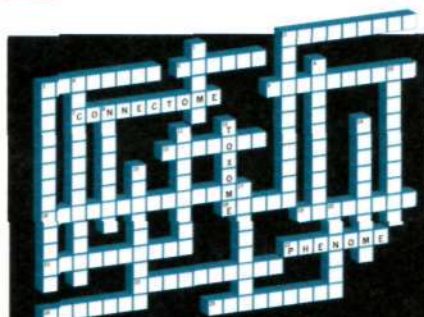
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