’Omnes that matter


CROSSWORD

ACROSS
2. The ’ome joining the rest together.
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.
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.

Answers available at go.nature.com/mdurc4