Toxicology Crossword

Toxicology Puzzle

Across
8. The actual amount of the exposed dose that enters the body.
11. Study of the effects of toxic substances on individual organisms, populations, and communities in specific environments.
12. Study of the adverse effects of chemicals or physical agents on living systems.
14. The response to a combination of two or more chemicals is the sum of the expected individual responses.
15. The study of the occurrence and causes of health effects in human populations.
19. Swallowing (such as eating or drinking).

20. Probability that the hazard will occur under specific exposure conditions.
21. The amount of a specific substance mixed into a given volume of air or liquid.
22. The accumulation of a chemical in tissues of an organism to levels greater than in the environment in which the organism lives.
23. Breathing.
25. Substances that produce adverse biological effects of any nature.
26. Contact with a chemical by swallowing, by breathing, or by direct contact (such as through the skin or eyes).

Down
1. Capability of a substance to cause an adverse effect.
2. The degree to which a substance or mixture of substances can harm humans or animals.
3. The amount of substance to which a person is exposed.
4. Occurring over a long period of time (more than 1 year).
5. Parts per billion, a measure of concentration, such as parts of a chemical per billion parts of air or water.
6. Referring to the skin.
7. Process which harmful substances move through the food chain, by one creature eating another, accumulating at higher concentrations.
8. Adverse effect occurs almost immediately after an exposure.
9. Any physical, chemical, biological, or radiological substance or matter that has an adverse effect on air, water, or soil.
10. Harmful substance or agent that may injure an exposed organism.
11. A substance that can cause irritation of the skin, eyes, or respiratory system.
12. The sum of all external conditions affecting the life, development and survival of an organism.
13. Time from the first exposure of a chemical until the appearance of a toxic effect.
14. Toxicant that causes immediate death or illness when experienced in very small amounts.
15. The response to a combination of two or more chemicals is less than the sum of the expected individual responses.
16. Lethal dose for 50% of the individuals.
17. Parts per million, a measure of concentration, such as parts of a substance per million parts of air.