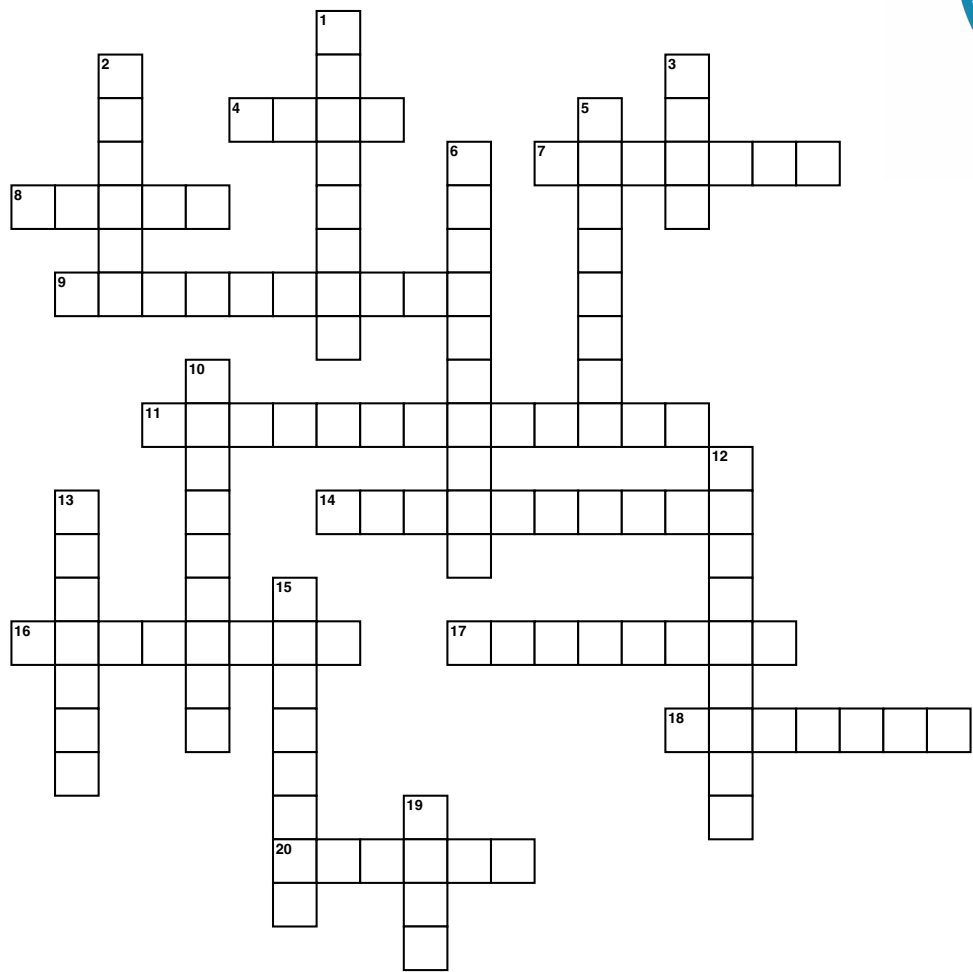
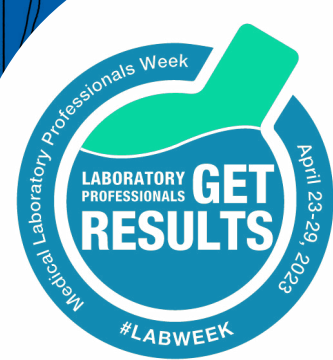


# CLSI's 2023 Lab Week Crossword Puzzle



## Down

1. 1969 book written by John Postgate about the role of microorganisms in society was called “\_\_\_\_\_ And Men.”
2. A microorganism that requires oxygen to live is called an \_\_\_\_\_?
3. The \_\_\_\_\_ assay uses *Salmonella typhimurium* bacteria to identify carcinogens.
5. Which bacterium can survive refrigeration, is often linked to foodborne illness outbreaks, and is especially dangerous during pregnancy?
6. \_\_\_\_\_ means that there are two separate nuclei inside a single cell.
10. A system for classifying viruses—also the city where Johns Hopkins University is located.
12. Used as a biological marker, green fluorescent proteins (GFPs) were first isolated from what creature?
13. Caused by *Plasmodium spp.*, an infectious disease that’s spread by mosquito bites.
15. Roundworms are also known by what name derived from the Greek for “thread”?
19. Jelly-like substance obtained from the cell walls of red algae and often used as a substrate in Petri dishes.

## Across

4. Four criteria designed to establish a causal relationship between a microbe and a disease. \_\_\_\_\_’s postulates.
7. *Acetobacter Aceti* is used in the production of which acidic condiment?
8. A single-celled reproductive unit that is capable of giving rise to a new organism without sexual fusion, such as those found in fungi.
9. What is the term for bacteremia that develops into a potentially life-threatening invasion of the bloodstream by bacteria and their toxins, accompanied by acute systemic illness?
11. A \_\_\_\_\_ is a virus that infects bacteria.
14. Which light-producing enzyme can occur naturally in organisms such as fireflies?
16. Refers to a virus, bacteria, or any other disease-causing agent.
17. Every amino acid contains an amine group, a \_\_\_\_\_ group, and an R group called a side chain, bonded to a central carbon atom.
18. Known as the founder of modern pathology.
20. What mosquito-borne tropical disease is transmitted by *Aedes aegypti*?