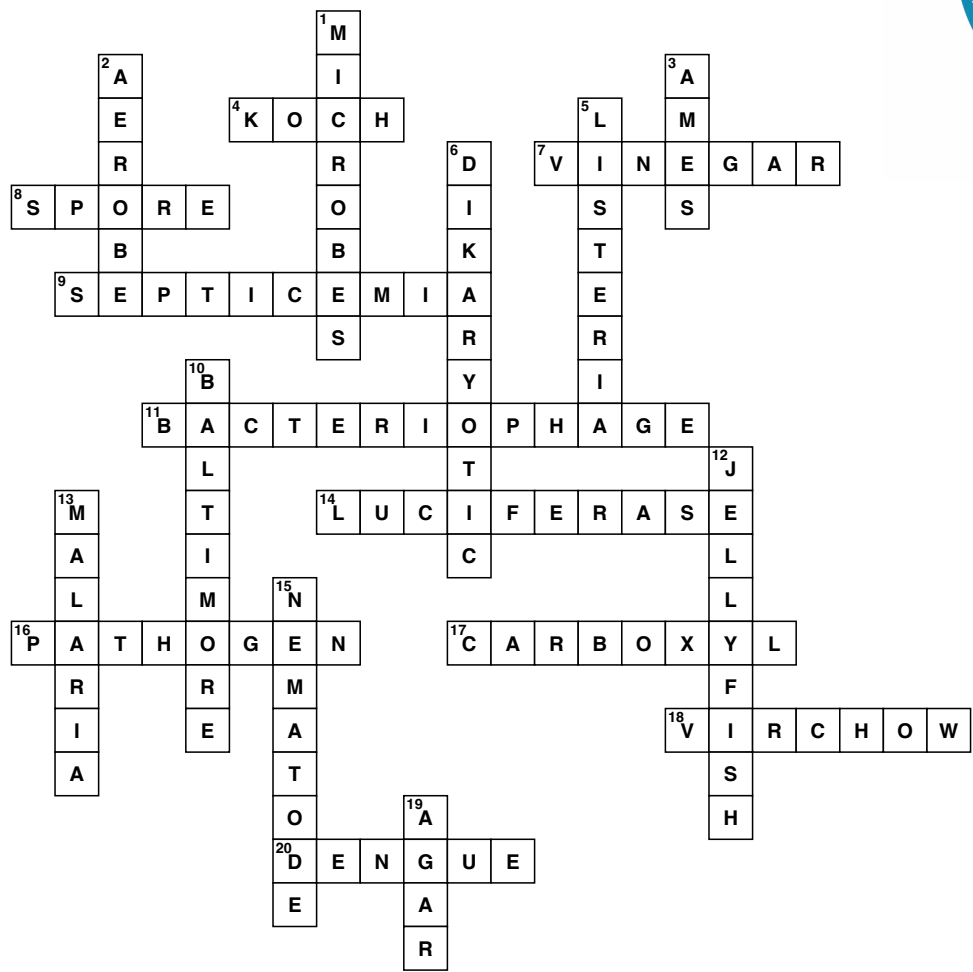
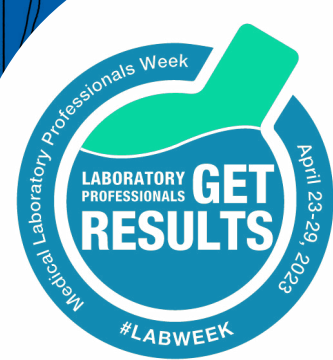


CLSI's 2023 Lab Week Answer Key



Down

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

Across

- Four criteria designed to establish a causal relationship between a microbe and a disease. _____’s postulates.
- Acetobacter Aceti* is used in the production of which acidic condiment?
- A single-celled reproductive unit that is capable of giving rise to a new organism without sexual fusion, such as those found in fungi.
- 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?
- A _____ is a virus that infects bacteria.
- Which light-producing enzyme can occur naturally in organisms such as fireflies?
- Refers to a virus, bacteria, or any other disease-causing agent.
- Every amino acid contains an amine group, a _____ group, and an R group called a side chain, bonded to a central carbon atom.
- Known as the founder of modern pathology.
- What mosquito-borne tropical disease is transmitted by *Aedes aegypti*?