THE ESSENTIALS OF
LIFE SCIENCE RESEARCH
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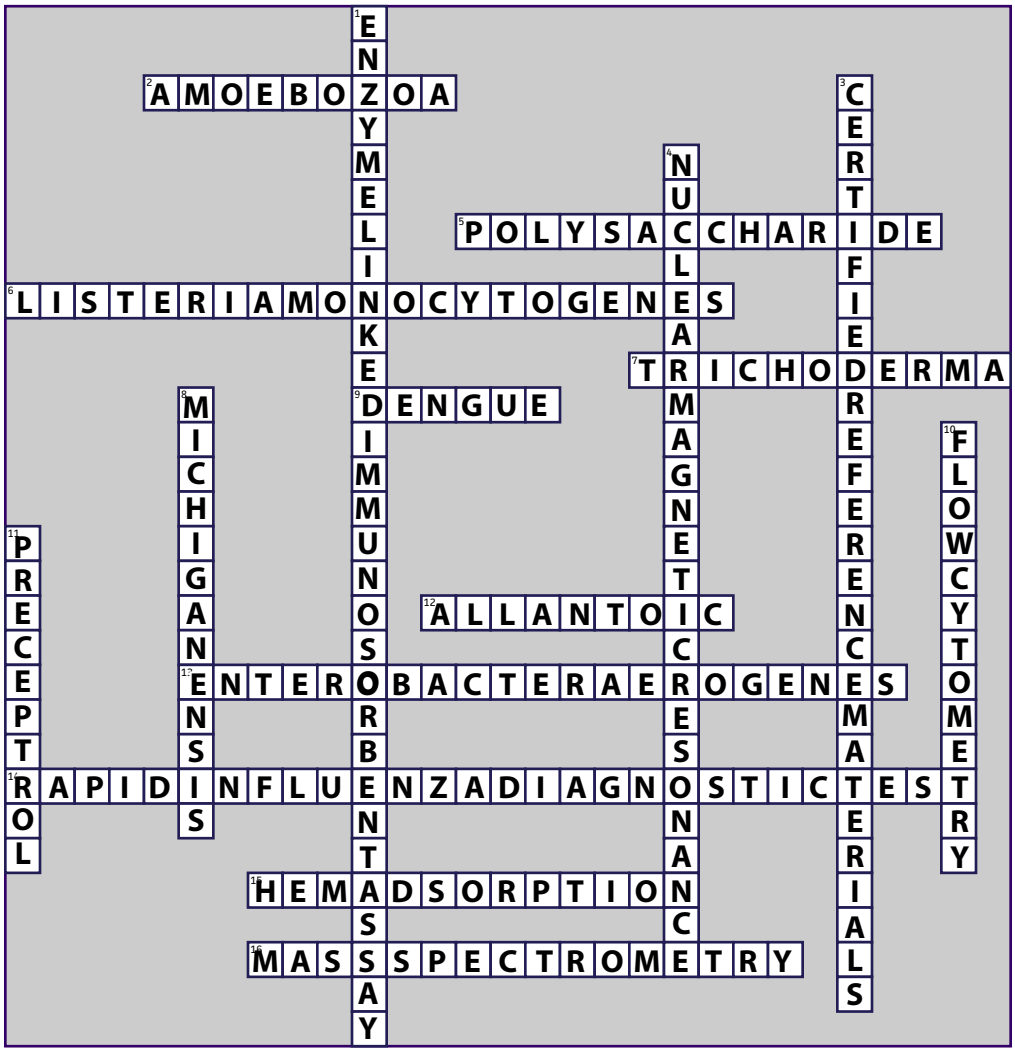
ATCC®

Test Your Technical Expertise!



Across

2. The protist supergroup containing unicellular organisms that use oblong pseudopodia for locomotion.
5. A pneumococcal capsular antigen used in vaccine development. (Hint: ATCC offers 24 types)
6. A foodborne pathogen that can survive and propagate in refrigerated temperatures.
7. A fungal genus used to biologically control plant pathogens such as Dutch Elm disease or Silver Leaf disease.
9. An infectious tropical virus known to cause breakbone fever. (Hint: ATCC offers mouse monoclonal antibodies against this agent)
12. What route does ATCC use when inoculating embryonated chicken eggs with the Influenza A virus?
13. A bacterial strain used by ATCC as a food source for free-living bacteriovorus protists.
14. An analytical test that can be used to detect the influenza viral nucleoprotein antigen.
15. The phenomenon of _____ is dependent on the attachment of red blood cells to the surface of cell monolayers infected with hemagglutinin-producing viruses. (Hint: See the ATCC Virology culture guide)
16. An analytical technique that measures the mass-to-charge ratio of charged particles.

Down

1. A diagnostic technique that employs antibodies and colorimetric change to identify a substance.
3. ATCC materials produced under an ISO Guide 34:2009 process to confirm identity, characteristics, and chain of custody.
4. A diagnostic tool that distinguishes molecules in a sample based on chemical structure.
8. A novel species of Klebsiella isolated from a tooth brush holder. (Hint: This is a newly accessioned ATCC strain)
10. A laser-based biophysical technology used in cell counting, immunology, and microbiological diagnostics.
11. An economical culture offered by ATCC. (Hint: Bacteria, yeast, and fungi are offered in this format)

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