

Journal Article

The purpose of this assignment is to help you collect information from scientific journals. Find a recent article in a scientific journal on a topic in **Microbiology** and provide the information (below) in a one to two page report. Start with Highwire, PubMed, or Biosis and search on your topic. Another source to start your search is at biotech.org. Read the abstracts and keep a record of interesting articles. You may have to go to SFSU or UCSF to see the articles. **Note:** PubMed is not a journal, it is an index to published medical journals.

There are many appropriate scientific and medical journals from which to choose. To evaluate the appropriateness of a Journal, the following should be true:

- Is the Journal associated with a professional society?
- Do the articles list the author's references?
- Are the articles written by the researchers, not a news reporter?
- Do the articles include data in tables and graphs?
- Do the articles include references cited?

Science, JAMA, Nature, and New England Journal of Medicine are in the Skyline library. *Applied and Environmental Microbiology and Journal of Industrial Microbiology and Biotechnology* are in 7303.

National Geographic, Scientific American, Science News, and similar popular magazines are not appropriate for this assignment.

Your report must be typed. Refer to the Style Sheet for directions.

Answer the following questions in your own words.

1. Citation in proper format.
2. Institution at which the work was done.
3. Purpose of the work reported.
4. Procedures the researchers used.
5. Results the researchers obtained.
6. Copy one table or graph and, in your own words, describe what these data show.
7. Conclusions the researchers reached.
8. Of what value to humans or to the body of knowledge is the work described?