



# U.S. National Library of Medicine

National Network of Libraries of Medicine  
Training Office

## How PubMed Works: Selection Handout

### The publishing landscape:

1. Three features of the current publishing landscape that influence PubMed content include:
  - a. The \_\_\_\_\_ of publishing
  - b. The growth of \_\_\_\_\_ publishing models
  - c. \_\_\_\_\_ policies

### NLM Journal Selection:

2. The NLM Journal Selection Policy can be found in the Library's \_\_\_\_\_ Guidelines.
3. NLM will consider an application from a publishing organization that has been publishing scholarly content for a minimum of \_\_\_\_\_ years.
4. What are some specific elements NLM looks for in a journal to gauge the objectivity, credibility and scientific quality of journal content?
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_
  - c. \_\_\_\_\_
  - d. \_\_\_\_\_

### MEDLINE Journals:

5. Exactly how many journals are currently indexed in MEDLINE? \_\_\_\_\_  
Start Here:
  - a. Search the Web for **PubMed Resources**
  - b. Go to **About MEDLINE/PubMed: The Resources Guide**
  - c. Select **Journals**

### PubMed Central (PMC) Journals:

6. A MEDLINE journal **will/will not** [select one] \_\_\_\_\_ require further scientific review to be included in PMC.
7. If a journal did **not** meet PMC's scientific quality standard, it **is/is not** [select one] \_\_\_\_\_ eligible for MEDLINE.
8. Exactly how many journals are currently being added to PubMed Central (PMC)? \_\_\_\_\_  
Start Here:
  - a. Explore the \_\_\_\_\_ in the NLM Catalog



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9. Exactly how many journals are currently added to PubMed? \_\_\_\_\_

## Author Manuscripts:

10. About 92% of NIH-funded author manuscripts in PMC are published in \_\_\_\_\_ journals.

11. BMC pulmonary medicine

- What is the indexing status of the journal BMC Pulmonary Medicine? \_\_\_\_\_
- What issues of BMC Cell Biology are in PubMed Central? \_\_\_\_\_

12. Advanced electronic materials

- What is the indexing status of the journal Adv electron mater? \_\_\_\_\_
- Does NLM collect Adv electron mater? [Yes or No] \_\_\_\_\_

## Evaluating Articles

13. You can report concerns about a publisher or journal to the: \_\_\_\_\_

14. 3 potential indicators of a high-quality research article:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

15. 4 "red flags" of a potentially poor-quality research article:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

## Links shared in class:

- [About PubMed and MEDLINE: The Resources Guide: Journals](#) (journal title lists)
- [FTC Complaints](#)
- [Think Check Submit](#)

## Additional Training Resources:

- [The New PubMed: Trainer's Toolkit](#) - slides and materials to repurpose for training end-users
- [MEDLINE/PubMed Resources Guide](#) - detailed information about MEDLINE data and searching PubMed



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## References:

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[Collection Development Guidelines of the National Library of Medicine](#). Bethesda, MD: National Library of Medicine.

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