



How PubMed Works: Selection Handout

The publishing landscape:

1. The writers of the STM Report estimate that _____ % of scientific journal articles were immediate (gold or hybrid) open access in 2016.

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. _____ , and
 - d. _____

MEDLINE Journals:

5. What NLM Catalog search string retrieves records for all journals 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. MEDLINE journals (will or will not) _____ require further scientific review to be included in PMC.
7. Journals (are or are not) _____ eligible for MEDLINE if they did **not** meet PMC's scientific quality standard.



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8. What NLM Catalog filter limits your search to journals currently being added to PubMed Central (PMC)?

Start Here:

a. Explore the **additional filters** in the NLM Catalog

9. What is the search string to use in the NLM Catalog to list all 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

a. What is the indexing status of the journal BMC Pulmonary Medicine?

b. What issues of BMC Pulmonary Medicine are in PubMed Central?

12. Advanced electronic materials

a. What is the indexing status of the journal Adv electron mater?

b. 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:

a. _____

b. _____



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c. _____

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

a. _____

b. _____

c. _____

d. _____

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

References:

Lee C. Van Orsdel (2007) The State of Scholarly Communications, *The Serials Librarian*, 52:1-2, 191-209, DOI: [10.1300/J123v52n01_16](https://doi.org/10.1300/J123v52n01_16)

Johnson, R., Watkinson, A. and Mabe, M. [The STM Report: An overview of scientific and scholarly publishing](#). The Hague, The Netherlands: STM: International Association of Scientific, Technical and Medical Publishers, 2018.

[Registry of Open Access Repository Mandates and Policies](#) (ROARMAP).

[Monitoring the Transition to Open Access](#). London: Universities UK; December 2017.

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

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