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How PubMed Works: Selection Handout

1. What are three features of the current publishing landscape that influence PubMed content?
2. Where can the NLM's Journal Selection Policy be found?
3. What is the minimum number of years that a publishing organization has to publish scholarly content before NLM will consider their application?
4. What are some specific elements NLM looks for in a journal to gauge the objectivity, credibility, and scientific quality of journal content?
5. What NLM Catalog search string retrieves records for all journals currently indexed in MEDLINE?
Follow these 3 steps:
 - a. Search the Web for NLM Catalog
 - b. Under NLM Catalog Tools, go to Journals in NCBI Databases
 - c. Select Journals currently indexed in MEDLINE
6. **True or False:** A MEDLINE journal will not require further scientific review to be included in PMC.
7. **True or False:** If a journal did **not** meet PMC's scientific quality standard, it is not eligible for MEDLINE.
8. What NLM Catalog filter limits your search to journals currently being added to PubMed Central (PMC)? **Hint:** Explore the Additional Filters menu in the NLM Catalog.



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9. What is the search string to use in the NLM Catalog to list all journals that are currently added to PubMed?
10. Where are approximately 92% of NIH-funded author manuscripts in PMC published?
11. What is the indexing status of the journal *BMC Pulmonary Medicine*?
12. Which issues of *BMC Pulmonary Medicine* are in PubMed Central?
13. Where can you report concerns about a publisher or journal?
14. What are five potential indicators of a high-quality research article?
15. Name two “red flags” of a potentially poor-quality research article.

Links shared in class

[NLM Collection Development Guidelines](#)

[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

Lee C. Van Orsdel (2007) [The State of Scholarly Communications](#), *The Serials Librarian*, 52:1-2, 191-209

[STM Global Brief 2021 – Economics and Market Size: An STM Report Supplement](#). The Hague, The Netherlands: STM: International Association of Scientific, Technical and Medical Publishers, 2021

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

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

Piwowar H, Priem J, Larivière V, Alperin JP, Matthias L, Norlander B, Farley A, West J, Haustein S. 2018. [The state of OA: a large-scale analysis of the prevalence and impact of Open Access articles](#). *PeerJ* 6:e4375

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