New PubMed Interface

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Site | https://welch.jhmi.edu/
Research Guides | https://browse.welch.jhmi.edu/
Basic Searching & Results
Peanut allergy

PubMed® comprises more than 30 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.
Advanced Search

PubMed.gov

NIH U.S. National Library of Medicine
National Center for Biotechnology Information

peanut allergy

Advanced Search

2,734 results

Peanut Allergy: An Epidemiologic Analysis of a Large Database.
Advanced Search: History & Search Details

Select the > icon to open the full search details.
Advanced Search: History & Search Details

Details show automatic term mapping (ATM)
“Actions” allows you to

► Add strategy to query
► Delete the selected strategy
► Save the strategy to your MyNCBI
Advanced Search: Building Queries

Add terms to the query box:

► Select field

► Enter terms

► Add Boolean Operator
Advanced Search: Building Queries

Type directly in the query box:

- Type term(s)
- Add field tags
- Add Boolean Operators

Select “Search” to search in PubMed or select “Add to History” to add the strategy to your search history.
Advanced Search: Building Queries

Combining searches from History: Option 1

- Type search numbers in Query Box
Combining searches from History: Option 2

- Select “Actions …” then select “Add query” for the first strategy.

- Select “Actions …” then select “Add with [Boolean Operator]” for the other strategies
1. **Display Options**
   - **Format**: Default is “Summary” – toggle to change to “Abstract”
   - **Sort By**: Default is “Best Match” – toggle to change to “Most Recent”

2. **Use the slider to filter results by year**

3. **Article Attribute** – New filter that limits to articles that have “Associated Data”

4. **Link to your custom filters. Previously labeled as “Filters: Manage Filters”**
Results: Save

- Save Options
  - Selection
    - All Results on this Page
    - All Results
    - Selection
  - Format
    - Summary
    - PubMed
    - PMID
    - Abstract
    - CSV
Results: Email & Send To

- Email Options (Must be logged in to your My NCBI account to use the e-mail option)
  - Selection
    - All results on this page
    - Selection
  - Format
    - Summary
    - Summary (Plain-text)
    - Abstract
    - Abstract (Plain-text)
- Send To
  - Clipboard
  - My Bibliography
  - Collections
  - Citation manager
To get the next page of results, scroll to the bottom of the page and you can either click on
► “Show more”
► “Jump to page”
When on the article display page, click on the arrows to the left or the right to switch to a different article.

Hover on the arrow to see the citation for the next article.
Results: Article Display

- Save
- E-mail
- Send to
  - Clipboard
  - My Bibliography
  - Collections
  - Citation manager
- Cite
- Add to Favorites
- Share
  - Twitter
  - Facebook
  - Permalink
Page Navigation is found on the right side of an article. Quickly navigate to:

► Title & Authors
► Abstract
► Comment In
► Similar Articles
► Cited by
► Publication types
► MeSH terms
► Substances
► LinkOut – More resources

Many of these features are now located after the article, near the bottom of the page.
Phrase Searching & Truncation
Phrase Searching

To search for a specific phrase, use one of the following formats:

► Enclose the phrase in double quotes
  ► “kidney allograft”
► Use a field tag
  ► Kidney allograft[tw]
► Use a hyphen
  ► Kidney-allograft

To browse indexed phrases, use the “Show Index” feature included in the Advanced Search Builder.
Phrase Searching

Phrases may appear in a PubMed record, but not be in the phrase index. If using:

- Quotation marks or a field tag: those items will be ignored and the phrase is processed using automatic term mapping

- A hyphen: the search will use automatic term mapping and treat the hyphenated word as one word and the additional words will be searched separately.
To search for all terms that begin with a word, enter the word followed by an asterisk (*), the wildcard character.

► Educ* = education, educational, educator, educators, etc.

To search for a phrase including a truncated term, use the following formats:

► Enclose the phrase in double quotes: “peanut allerg*”

► Use a search tag: peanut allerg*[tiab]

► Use a hyphen: peanut-allerg*

*At least four characters must be provided in the truncated term

**The truncated term must be the last word in the phrase
Phrase Searching vs. Truncation

If the phrase is not found in PubMed,

PubMed will resort to using ATM to try and find related terms.
Additional Key Differences Between New & Legacy
Legacy vs. New: ATM

Legacy search: Hemorrhage. Results = 413,227

New search: Hemorrhage. Results = 4,903,168
Legacy vs. New: Asterisk

Legacy: Wildcard only searched for first 600 variations. Listed searched terms in Search details.

New: Wildcard searches unlimited variations. Search variations are no longer listed in search details.
Legacy vs. New: Export Limit

- Legacy PubMed had an unlimited export limit when saved as a file. Which means you could export a large number of search results to a file to import into a citation manager.

- New PubMed has a 10,000 citation limit.

- Helpful tip if your search retrieves 10,000+ results: Add a date filter in order to have smaller sets to export into your citation manager.
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