MeSH Database
Articles are indexed using a powerful vocabulary, called Medical Subject Headings (MeSH). The MeSH Database provides the option of identifying appropriate MeSH terms for searches.

Click on MeSH under Advanced Search Queries or MeSH Database on the PubMed homepage to search for a particular term or concept. After finding a term, click on the link to view and select subheadings and to refine aspects of the MeSH term. Check the terms desired, then click on the Send To Search Box feature. When finished adding terms, click Search PubMed to run the search.

Clinical Queries
PubMed’s Clinical Queries section, accessed from the homepage or under Advanced Search, makes it easier to find articles that report applied clinical research. Select one of the three options.

To search by clinical study category, type search terms in the box provided. Then select one of the filter categories: etiology, diagnosis, therapy, prognosis, or clinical prediction guides and then either “narrow, specific search” or “broad, sensitive search”.

Search by Clinical Study Category

This search finds citations that correspond to a specific clinical study category. The search may be either broad and sensitive or narrow and specific. The search filters are based on the work of Haynes RB et al. See the filter table for details.

Search

Category Scope
epidemiology narrow, specific search
diagnosis broad, sensitive search
therapy
prognosis
clinical prediction guides

Select Find Systematic Reviews to locate systematic reviews, meta-analyses, reviews of clinical trials, evidence-based medicine, consensus development conferences, and guidelines.

Select Medical Genetics Searches to find citations related to various topics in medical genetics. Choose one or more of the filter categories provided.

Printing, E-mailing, Downloading Results
After selecting your citations (e.g. on the Clipboard) print directly from the browser or select a text setting from Display Settings before printing. Alternatively, select either File or E-mail from the Send To menu. File offers format and sort options before saving the downloadable file. E-mail asks for a selection of options and an email address.

When downloading citations for citation management software such as RefWorks or EndNote, use the MEDLINE Display format.

My NCBI
PubMed’s My NCBI feature stores both citations and search strategies and provides automatic e-mail updates of stored searches. Register for My NCBI by creating a User Name and Password. Click Manage Filters to select or create up to five search filters.

Accessing Full-Text
If you are affiliated with the Medical College of Wisconsin, using the MCW icons is the best option for full-text.

Click on the “Get It From MCW Libraries” button to go directly to the full-text if the library subscribes to the journal. If the library does not have access, you can order the article through our Library on Request service by clicking on the GetIt button. This service is only available to Medical College of Wisconsin, Froedtert Hospital, and Children’s Hospital of Wisconsin employees and students.

Medicine College of Wisconsin Libraries
414.955.8302 | asklib@mcw.edu
www.mcw.edu/mcwlibraries.htm

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PubMed Content

MEDLINE®: NLM’s database of millions of references to articles published in biomedical and related journals which have been fully indexed
In-process citations that have not yet been analyzed and indexed for MEDLINE
Publisher supplied citations that may not receive full indexing for MEDLINE because they are not biomedical in nature

PubMed Features

Sophisticated search capabilities, including spell checker, advanced search, and special tools for searching clinical topics
Assistance in finding search terms using the MeSH (Medical Subject Heading Database), a guide to MEDLINE’s controlled vocabulary
Ability to store citations and automatically receive email updates for saved searches using PubMed’s My NCBI
Links to full-text articles, to information about library holdings, and to other NLM databases
Links to other NLM search systems, such as ClinicalTrials.gov®, MedlinePlus®, NIH Clinical Alerts and Advisories, and PubMed Central

Assistance and Training
Click on Help above the search box or on PubMed Tutorials under More Resources on the homepage or contact us at 414.955.8302 or asklib@mcw.edu.
PubMed Searching

To Search PubMed, type a word or phrase into the query box, including subject, author and/or journal. Then click on the Go button or press the Enter key. Combine search terms with connector words: “AND”, “OR” or “NOT” using upper case letters.

PubMed offers alternative searching options including the auto suggest drop down menu when entering words and an Also Try box available after a search.

PubMed Advanced Search

The Advanced Search link provides options to refine and focus a search.

Details located above the search box, provides information on how PubMed ran a search. PubMed looks first for the search words as MeSH terms, then journal titles, then authors and also searches “All Fields” for the words. Details shows how PubMed maps terms to MeSH headings. Changes to the search may be made in the box provided.

PubMed Search History keeps track of search statements and numbers them as links. Clicking on the numbered link provides a menu allowing search statements to be combined into a new search with the AND, OR or NOT connectors, or to be run, deleted, examined in Details, or saved in My NCBI.

Search by Author, Journal, Publication Date, and more

Use this search feature to identify an article from a citation. Click any Search button after making selections to run the search.

Limit by Topics, Languages, and Journal Groups

Limit the search by selecting checkboxes for Types of Article, Languages, Subsets such as journal groups or topics, Ages, Humans or Animals, Gender. Restrict a search to items with abstracts or links to full text, and make multiple choices within a category. Click any Search button after making selections to run the search. The icon Limits Activated: in the right hand column identifies the limits checked. Limits remain in effect until removed.

Index of Fields and Field Values feature allows viewing and selecting of searchable fields and subject terms. Use the drop-down menu, search box and Index button to construct and combine search statements using the AND, OR, NOT terms. Consult Help for more information.

More Resources provides additional searching quick links to: PubMed Clinical Queries searches, Topic-Specific Queries with links to additional pre-constructed search queries and interfaces, to the MeSH and Journals databases, and to the Single Citation Matcher.

Clipboard:

This feature allows collecting of selected citations from one or more searches for saving, printing, e-mailing, ordering, or storing in My NCBI Collections. The link is visible only when items are stored on the Clipboard. Click the check box beside citations to select them. Then go to the Send To pull-down menu and select Clipboard. To see the selected citations, click on the Clipboard link in the right hand column.

PubMed Search Results

After clicking on the Go button, PubMed displays a list of results in Summary format. To retrieve more information about the search results, use the Display Settings menu next to view the Abstract or MEDLINE formats.

Results: 5

Close, Less of metal ions, desipramine reduction and mutations related to familial ALG1 promote formation of amyloid-like aggregates from superoxide dismutase


PMID: 19320364 [PubMed - indexed for MEDLINE]

Related Articles

A helpful PubMed feature is the ability to find citations that are similar to those of interest. To retrieve Related Articles, click on the Related Articles link under the PMID of each citation in Summary format or select citations from the boxed list in the Abstract format.

Sensors

PubMed examines search terms for certain elements and provides a shaded area above the search results with links to one or more citations or databases.

- Citation Sensor: matches search terms with citation elements (e.g. blood choi 2009)
- Gene Sensor: checks for the symbol of a gene found in the Entrez Gene database (e.g. CFTR)
- Sequence Sensor: detects accession numbers of nucleotides or proteins (e.g. X62176)
- Structure Sensor: detects items (proteins, etc.) in the Structure database (e.g. 1R10)