

Getting started with PubMed

- PubMed is a free resource
- Topics covered: medicine, nursing, dentistry, veterinary, pharmacy and preclinical areas, as well as biological disciplines.
- PubMed is produced in collaboration with National Library of Medicine and Publishers Medline, and developed and maintained by the National Center for Biotechnology Information (NCBI), at the U.S. National Library of Medicine (NLM), located at the National Institutes of Health (NIH).

Access

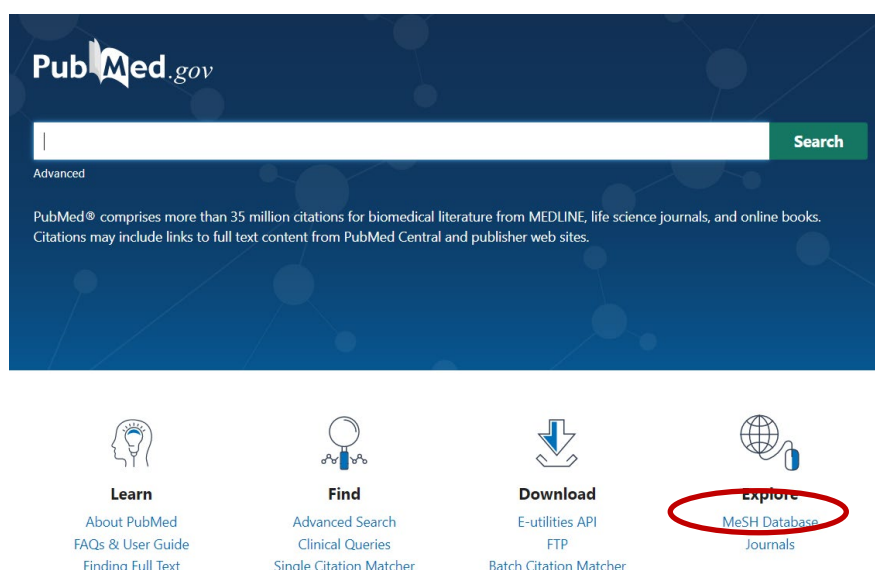
Access to PubMed https://sdu-dk-en.libguides.com/databases_or_https://www.ncbi.nlm.nih.gov/pubmed

MESH terms

MeSH is Medical Subject Headings. Every article has up to 20 MeSH terms. The MeSH terms gives you the possibility to make perfectly accurate searches in PubMed. You can send the MeSH terms directly to the PubMed database. Look up the desired word in the MeSH database and find the most adequate MeSH term. Mark the requested search term and click on "Add to search builder". The actual MeSH search will take place by clicking "Search PubMed" beneath the dialog box. The search will now be sent from the MeSH database to the PubMed database.

Note! The most recent references have not yet any MeSH terms and will not be included in a MeSH search.

It is recommended that you make a combined free text and MeSH search.



Simple or free text searches

To search in PubMed, you can write a word or a sentence in the search field.

Combine with the Boolean operators "AND" "OR" (remember to write operators in capital letters).

The Search history is visible in "Advanced", and the searches are numbered with a #. If you click on "Actions" on one of your searches, you can combine with AND ("Add with AND") or OR ("Add with OR").

1

Add query

Delete

Create alert

2

Add with AND

Add with OR

Add with NOT

Query box

(((lung neoplasms OR lung cancer OR pulmonary neoplasms) AND (drug therapies OR drug therapy OR chemotherapies) AND (terminally ill OR terminal care OR incurable OR irreversible illness OR end of life)) AND (perception OR attitude OR expectation OR anticipation OR experience))

X

History and Search Details

Download

Search	Actions	Details	Query	Results
#4	...	>	Search: perception OR attitude OR expectation OR anticipation OR experience Sort by: Most Recent	2,555,011
#3	...	>	Search: drug therapies OR drug therapy OR chemotherapies Sort by: Most Recent	3,395,937
#2	...	>	Search: lung neoplasms OR lung cancer OR pulmonary neoplasms Sort by: Most Recent	351,007
#1	...	>	Search: terminally ill OR terminal care OR incurable OR irreversible illness OR end of life Sort by: Most Recent	83,584

Saving 11.08.2020

For **truncation** use * (reduction of letters e.g., nurs*)

For **phrases** use “ ” for more words in a frase

If you wish to search for a truncated phrase do as e.g., "breast feed*".

But both deactivates the automatic inclusion of MeSH-terms and should be used only with care.

In “Advanced” you can – from each search string click on “Details” – in here you can see information on how PubMed has made the search and a list of words translated into MeSH terms.

History and Search Details

Download

Search	Actions	Details	Query	Results
#5	...		search: (((lung neoplasms OR lung cancer OR pulmonary neoplasms) AND (drug therapies OR drug therapy OR chemotherapies) AND (terminally ill OR terminal care OR incurable OR irreversible illness OR end of life) AND (perception OR attitude OR expectation OR anticipation OR experience) Sort by: Most Recent ((((((lung neoplasms"[MeSH Terms] OR ("lung"[All Fields] AND "neoplasms"[All Fields]) OR "lung neoplasms"[All Fields]) OR (((("lung neoplasms"[MeSH Terms] OR ("lung"[All Fields] AND "neoplasms"[All Fields]) OR "lung neoplasms"[All Fields]) OR ("lung"[All Fields] AND "cancer"[All Fields])) OR "lung cancer"[All Fields]) OR ("pulmonary"[All Fields] AND "neoplasm s"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "neoplasm"[All Fields])) AND (((("drug therapy"[MeSH Terms] OR "drug"[All Fields] AND "therapy"[All Fields]) OR "drug therapy"[All Fields]) OR ("drug"[All Fields] AND "therapies"[All Fields]) OR "drug therapies"[All Fields]) OR (((("drug therapy"[MeSH Subheading] OR "drug"[All Fields] AND "therapy"[All Fields]) OR "drug therapy"[All Fields] OR "drug therapy"[MeSH Terms]) OR ("drug"[All Fields] AND "therapy"[All Fields]) OR (((("chemotherapy s"[All Fields]	146

Proximity operators

In PubMed it is possible to search with proximity operators, which is you search with a chosen interval between words. You must use ~ (AltGr + key with the symbol and space bar)

E.g. if you would like to search for the words "hip" and "pain" and with maximum two words between, in the search field use: "hip pain"[tiab:~2]

A screenshot of a search interface. On the left, a search bar contains the text "hip pain"[tiab:~2]. To the right of the search bar is a blue button with a white 'X' icon. Further right is a blue button with the word "Search" in white text.

If non words between use: "hip pain"[tiab:~0]

However, there are limitations, it is only possible to do when searching on title or title/abstract and you cannot use truncation meanwhile.

Limits

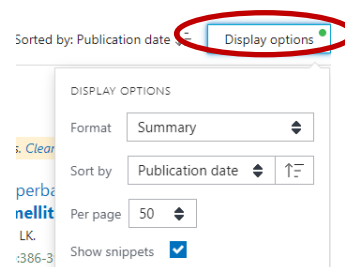
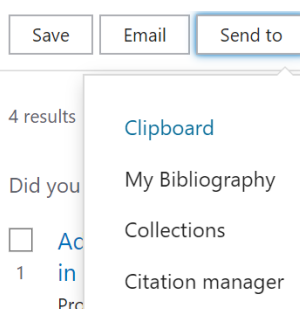
Using "Filters" in the left column makes it possible for you to limit searches by dates, ages, sex, languages et al.

Remember that filters will be active in the following searches, or else you must deactivate them.

You can choose to use a methodological filter (recommended) from <https://sdu-dk-en.libguides.com/HealthSciences/literaturesearching>

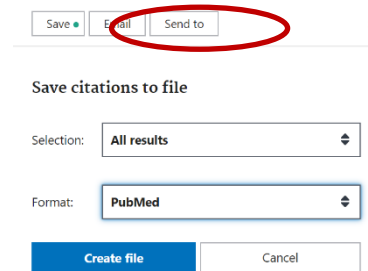
Display and save search results

You can choose another display setting in the menu "Display Options", and the results can be sorted in different ways (Best match, Most Recent or publication date).

A screenshot of a "Display options" menu. The menu is titled "DISPLAY OPTIONS". It contains four settings: "Format" set to "Summary", "Sort by" set to "Publication date", "Per page" set to "50", and "Show snippets" checked with a blue square. The menu is open, showing these options.A screenshot of a "Send to" button and its dropdown menu. The button is labeled "Send to" and is part of a group of buttons including "Save" and "Email". The dropdown menu is open, showing four options: "Clipboard", "My Bibliography", "Collections", and "Citation manager".

Use "Send to" for adding to Clipboard or your own Collections (permanent saving).

From "Save" or "Send to" you can download a file in a format, useful in e.g., EndNote.



Save • Email • **Send to**

Save citations to file

Selection: All results

Format: PubMed

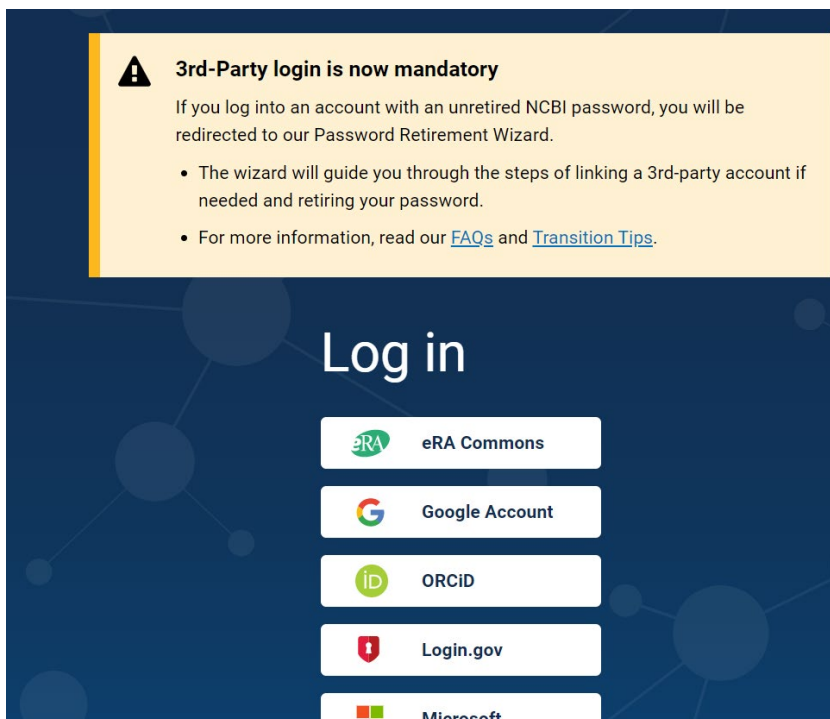
Create file Cancel

Personally registration

You can save your searches from "Actions" and choose "Create alert". For saved searches you can make alerts, which means you will get an e-mail with the newest references. These alerts contains links to references. A link will guide you to the references in full text if you do the following:

- Log in to your NCBI account *
- Choose "Account Settings" and "NCBI site preferences"
- Find "PubMed preferences" on the list
- Click on "Outside Tool" and chose "University of Southern Denmark, SDU" or "University Hospitals of Southern Denmark"

* Your personal login to PubMed, has now a 3rd part login. For new users it will look as you can see below:



⚠ 3rd-Party login is now mandatory

If you log into an account with an unretired NCBI password, you will be redirected to our Password Retirement Wizard.

- The wizard will guide you through the steps of linking a 3rd-party account if needed and retiring your password.
- For more information, read our [FAQs](#) and [Transition Tips](#).

Log in

eRA Commons

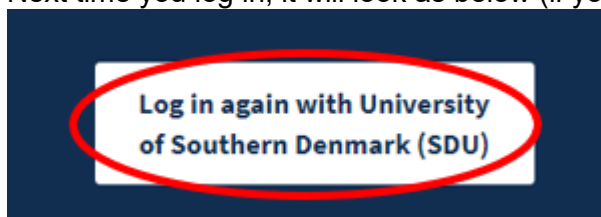
Google Account

ORCID

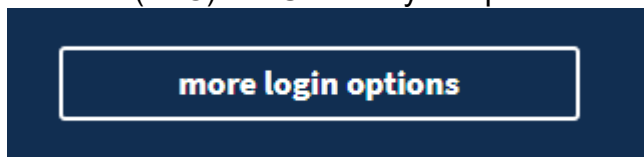
Login.gov

Microsoft

Next time you log in, it will look as below (if you have chosen the SDU access)



If it does not look like the above: choose "more login options" and find "University of Southern Denmark (SDU)" or "University Hospitals of Southern Denmark"



Know more on PubMed?

Manual: <http://www.ncbi.nlm.nih.gov/books/NBK3831/>

Userguide: <https://pubmed.ncbi.nlm.nih.gov/help/>

Tutorials: <http://www.ncbi.nlm.nih.gov/guide/training-tutorials/>

Need any help to your search, contact us:

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