

## Finding Pharmacokinetic Studies

In PubMed, search for your drug and the term “pharmacokinetics.”

Example: “galantamine AND pharmacokinetics”

The screenshot shows the PubMed search interface. At the top, the search bar contains the query "galantamine AND pharmacokinetics" and a "Search" button. The page displays search results for "Items: 1 to 20 of 103". The results are sorted by "Most Recent". Three results are visible:

- [\[Reversion of sedation and general anaesthesia-agonist-antagonist technique\].](#)  
1. Matveeva OB, Mizikov VM.  
Anesteziol Reanimatol. 2014 Sep-Oct;59(5):37-41. Russian.  
PMID: 25842939  
[Similar articles](#)
- [An LC-MS/MS method for the simultaneous determination of lycorine and galantamine in rat plasma and its application to pharmacokinetic study of Lycoris radiata extract in rats.](#)  
2. Zhou X, Liu YB, Huang S, Liu Y.  
J Huazhong Univ Sci Technolog Med Sci. 2014 Dec;34(6):861-8. doi: 10.1007/s11596-014-1365-2. Epub 2014 Dec 6.  
PMID: 25480582  
[Similar articles](#)
- [Inhibitory effect of ebselen on cerebral acetylcholinesterase activity in vitro: kinetics and reversibility of inhibition.](#)  
3. Martini F, Bruning CA, Soares SM, Nogueira CW, Zeni G.  
Curr Pharm Des. 2015;21(7):926-4. Review

On the right side of the page, there are sections for "New feature" (Try the new Display Settings option - Sort by Relevance), "Titles with your search terms" (A review of clinical pharmacokinetics and pharmacodynamics c [Curr Clin Pharmacol. 2010] and Pharmacokinetics of extended-release and immediate-release for [Curr Med Res Opin. 2005]), and "Find related data" (Database: Select).

This may bring back enough results. You could also try searching for “galantamine AND metabolism” or “galantamine AND metabolism AND pharmacokinetics.”

If these searches bring back too many results, you may want to search using the MeSH term for your drug.

Navigate to the MeSH database using the dropdown menu. Type in the name of your drug (ex: galantamine:)

The screenshot shows the PubMed search interface. The search bar contains 'galantamine' and the 'Search' button is highlighted with a red arrow. A dropdown menu is open, listing various database options, with 'MeSH' selected and indicated by another red arrow. The search results page shows a list of articles, with the first article selected. On the right side, there are sections for 'Titles with your search terms', 'Find related data', and 'Search details'.

Once you click “search” you will be brought to the MeSH database.

Check off the MeSH term that you want, then click “Add to Search Builder” on the right side of the screen, then click “Search PubMed.”

The screenshot shows the MeSH search results page. The search bar contains 'galantamine' and the 'Search' button is highlighted. The search results are displayed, with the first result, 'Galantamine', checked. Red arrows point to the checked 'Galantamine' term and the 'Add to search builder' button. On the right side, there is a 'PubMed Search Builder' section with a text area containing '"Galantamine" [MeSH]' and buttons for 'Add to search builder', 'AND', and 'Search PubMed'. Below that, there are sections for 'Find related data' and 'Search details'.

**NOTE:**

If you are searching for a new drug, you may only see it listed as a [supplementary concept]. (Like the 2<sup>nd</sup> term here.) A supplementary concept is kind of like a MeSH term that hasn't been fully developed yet. It won't have all the features of a MeSH

term, like the description, subheadings, and entry terms. But you should still use it if it matches the drug you are looking for.

Once your search loads, add “AND pharmacokinetics” or “AND metabolism” to bring back just pharmacokinetic studies. We now have 84 results instead of 103.

NCBI Resources How To Sign in to NCBI

PubMed.gov US National Library of Medicine National Institutes of Health

PubMed "Galantamine"[Mesh] AND pharmacokinetics Search

Create RSS Create alert Advanced Help

Article types: Clinical Trial, Review, Customize ...

Text availability: Abstract, Free full text, Full text

PubMed Commons: Reader comments, Trending articles

Publication dates: 5 years, 10 years, Custom range...

Species: Humans, Other Animals

Clear all Show additional filters

Summary 20 per page Sort by Most Recent Send to: Filters: Manage Filters

**Search results**

Items: 1 to 20 of 84 << First < Prev Page 1 of 5 Next > Last >>

[An LC-MS/MS method for the simultaneous determination of lycorine and galanthamine in rat plasma and its application to pharmacokinetic study of Lycoris radiata extract in rats.](#)  
Zhou X, Liu YB, Huang S, Liu Y.  
J Huazhong Univ Sci Technolog Med Sci. 2014 Dec;34(6):861-8. doi: 10.1007/s11596-014-1365-2. Epub 2014 Dec 6.  
PMID: 25480582  
[Similar articles](#)

[Highly sensitive LC-MS/MS method for determination of galantamine in rat plasma: application to pharmacokinetic studies in rats.](#)  
Suresh PS, Mullangi R, Sukumaran SK.  
Biomed Chromatogr. 2014 Dec;28(12):1633-40. doi: 10.1002/bmc.3191. Epub 2014 May 7.  
PMID: 24801995  
[Similar articles](#)

[Synthesis and evaluation of \(-\)- and \(+\)-\[<sup>11</sup>C\]galanthamine as PET tracers for cerebral acetylcholinesterase imaging.](#)  
Kimura H, Kawai T, Hamashima Y, Kawashima H, Miura K, Nakaya Y, Hirasawa M, Arimitsu K, Kajimoto T, Ohmomo Y, Ono M, Node M, Saji H.  
Bioorg Med Chem. 2014 Jan 1;22(1):285-91. doi: 10.1016/j.bmc.2013.11.026. Epub 2013 Nov 22.  
PMID: 24315193  
[Similar articles](#)

[Drops for cognitive loss and dementia](#)

**New feature**

Try the new Display Settings option - **Sort by Relevance**

**Titles with your search terms**

A review of clinical pharmacokinetics and pharmacodynamics c [Curr Clin Pharmacol. 2010]

Pharmacokinetics of extended-release and immediate-release for [Curr Med Res Opin. 2005]

Clinical pharmacokinetics of galantamine. [Clin Pharmacokinet. 2003]

See more...

**Find related data**

Database: Select

Find items

**Search details**

"Galantamine"[Mesh] AND ("pharmacokinetics"[Subheading] OR "pharmacokinetics"[All Fields] OR "pharmacokinetics"[MeSH Terms])