

Finding In Vivo and In Vitro Studies

In PubMed, run a search for your drug, for example “galantamine”

To search for **In Vivo** studies, use the “Species” filter on the left side of the screen.

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PubMed galantamine Search

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Search results

Items: 1 to 20 of 1827 << First < Prev Page 1 of 92 Next > Last >>

[Pharmacological, toxicological and neuronal localization assessment of galantamine/chitosan complex nanoparticles in rats: future potential contribution in Alzheimer's disease management.](#)
Hanafy AS, Farid RM, Helmy MW, ElGamal SS.
Drug Deliv. 2016 Mar 4;1-12. [Epub ahead of print]
PMID: 26942549
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[Characteristics of Pediatric Exposures to Antidementia Drugs Reported to a Poison Control System.](#)
Thornton SL, Pchelnikova JL, Cantrell FL.
J Pediatr. 2016 Feb 27. pii: S0022-3476(16)00133-5. doi: 10.1016/j.jpeds.2016.01.056. [Epub ahead of print]
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[Efficacy of Cholinesterase Inhibitors in Vascular Dementia: An Updated Meta-Analysis.](#)
Chen YD, Zhang J, Wang Y, Yuan JL, Hu WL.
Eur Neurol. 2016 Feb 27;75(3-4):132-141. [Epub ahead of print]
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[of nicotinic acetylcholine receptor modulated by galantamine on nigrostriatal terminal regulator](#)

New feature
Try the new Display Settings option -
Sort by Relevance

Results by year
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PMC Images search for galantamine

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Click once on the word “Humans” to turn on the human studies filter. A check mark will appear once the filter is turned on.

Click on the filter again to turn it off, or you can click on the “clear all filters” command at the top of the search results.

The screenshot shows the PubMed search results page for the query 'galantamine'. The search bar at the top contains 'galantamine' and a 'Search' button. Below the search bar, there are options for 'Create RSS', 'Create alert', and 'Advanced'. The left sidebar contains various filters, including 'Article types', 'Text availability', 'Publication dates', 'Species', and 'Languages'. The 'Species' filter is currently set to 'Humans'. The main search results area shows 'Search results' for 'Items: 1 to 20 of 1119'. A red arrow points to the 'Clear all' link in the filters section. The search results list includes titles such as 'Possibility of Acetylcholinesterase Overexpression in Alzheimer Disease Patients after Therapy with Acetylcholinesterase Inhibitors' and 'A modern concept of mixed dementia'. The right sidebar contains sections for 'New feature', 'Results by year', 'Related searches', and 'Titles with your search terms'.

Clear off the “humans” filter before applying the “other animals” filter. Also be sure to clear off all filters once you are done.

To find **In Vitro** studies, you will want to use the MeSH terms.

Navigate to the MeSH database using the dropdown menu. Type in “In Vitro” and click Search.

The screenshot shows the PubMed search results page for the query 'in vitro'. The search bar at the top contains 'in vitro' and a 'Search' button. Below the search bar, there are options for 'Create RSS', 'Create alert', and 'Advanced'. The left sidebar contains various filters, including 'Article types', 'Text availability', 'Publication dates', 'Species', and 'Languages'. The 'Species' filter is currently set to 'Humans'. The main search results area shows 'Search results' for 'Items: 1 to 20 of 92'. A red arrow points to the 'Search' button. The search results list includes titles such as 'Toxicological and neuronal localization assessment of galantamine/chitosan particles in rats: future potential contribution in Alzheimer's disease management' and 'Efficacy of Cholinesterase Inhibitors in Vascular Dementia: An Updated Meta-Analysis'. The right sidebar contains sections for 'New feature', 'Results by year', 'Related searches', and 'PMC Images search for galantamine'. A dropdown menu is open over the search bar, showing a list of MeSH terms, with 'MeSH' highlighted by a red arrow.

The MeSH term we want is the first one, “In Vitro Techniques.” Check it off and click “Add to Search Builder.”

MeSH Search results for "in vitro".

Search results: 9 items, 1 selected.

- In Vitro Techniques**
1. Methods to study reactions or processes taking place in an artificial environment outside the living organism. Year introduced: 2015
- In Vitro Oocyte Maturation Techniques**
2. Methods used to induce premature oocytes, that are maintained in tissue culture, to progress through developmental stages including to a stage that is competent to undergo FERTILIZATION. Year introduced: 2012
- Fertilization in vitro**
3. An assisted reproductive technique that includes the direct handling and manipulation of oocytes and sperm to achieve fertilization in vitro. Year introduced: 1979

PubMed Search Builder: "In Vitro Techniques"[Mesh]

Buttons: Add to search builder, AND, Search PubMed

You can type your drug name (ex: AND galantamine) into the search builder then click “Search PubMed” or you can search first then add the drug name once you are back in PubMed. Your results should look like this:

PubMed Search results for "In Vitro Techniques"[Mesh] AND galantamine.

Search results: 72 items, 1 to 20 of 72.

- Formulation and evaluation of galantamine gel as drug reservoir in transdermal patch delivery system.**
1. Fong Yen W, Basri M, Ahmad M, Ismail M. ScientificWorldJournal. 2015;2015:495271. doi: 10.1155/2015/495271. Epub 2015 Feb 26. PMID: 25853145 [Free PMC Article](#) [Similar articles](#)
- Design of multi-target compounds as AChE, BACE1, and amyloid-β(1-42) oligomerization inhibitors: in silico and in vitro studies.**
2. Hernández-Rodríguez M, Correa-Basurto J, Martínez-Ramos F, Padilla-Martínez II, Benítez-Cardozo CG, Mera-Jiménez E, Rosales-Hernández MC. J Alzheimers Dis. 2014;41(4):1073-85. doi: 10.3233/JAD-140471. PMID: 24762947 [Similar articles](#)

Search details: "In Vitro Techniques"[Mesh] AND ("galantamine"[MeSH Terms] OR "galantamine"[All Fields])