

Veterinary radiology & ultrasound.  
The veterinary record.  
Veterinary research.  
Veterinary research communications.  
Veterinary surgery : VS  
Veterinary therapeutics.  
Zoonoses and public health.

## Journal Coverage

- About 110 veterinary & laboratory animal journals
- Not all years may be indexed, esp. older volumes.  
See: <http://libguides.wsulibs.wsu.edu/content.php?pid=87471&sid=689894>
- EXCLUDES: Many clinical and international veterinary journals (e.g., *Advances in Veterinary Dermatology*, *Equine Veterinary Education*, *In Practice*, *Veterinary Economics*, and *Veterinary Medicine*.)
- Animal-related articles in non-veterinary journals.

Search “**Journals in NCBI Databases**” by title, keyword, *veterinary medicine [st]*, or browse by “broad subject term” category for all 180+ ceased and current veterinary and laboratory animal journals, or “Journals by Subject FAQ “ <http://www.nlm.nih.gov/services/journalsbysubject.html>

## Assistance and Training

- Use Help & PubMed FAQs.
- Learn from the self-paced **PubMed TUTORIALS** or “**PubMed Quick Start Guide**”
- Contact a veterinary medical library at <http://www.vmls.mlanet.org/vlindex.htm>
- Call NLM Customer Service at 1-888-346-3656 or [pubmed@ncbi.nlm.nih.gov](mailto:pubmed@ncbi.nlm.nih.gov)

See also leaflets on...

### PubMed BASICS

<http://nmlm.gov/training/resources/pmtri.pdf>

### PubMed My NCBI

<http://nmlm.gov/training/resources/myncbi.pdf>

### Full Text and PubMed

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Rev. June 6, 2011

## Veterinary & Lab Animal Journals Indexed for MEDLINE 2011 (\*Selective)

Acta veterinaria Hungarica.  
Acta veterinaria Scandinavica. & Supplementum.  
Alternatives to laboratory animals: ATLA.  
ALTEX.  
American journal of veterinary research.  
Anatomia, histologia, embryologia.  
Animal biotechnology.  
Animal cognition.  
Animal genetics.  
Animal health research reviews.  
Animal reproduction science.  
Animal Science Journal = Nihon chikusan gakkaiho  
Archives of animal nutrition.  
\*Argos.  
Australian veterinary journal.  
Avian diseases.  
Avian pathology: journal of the W.V.P.A.  
Berliner und Munchener tierarztliche wochenschrift.  
BMC veterinary research.  
British poultry science.  
Canadian journal of veterinary research.  
Canadian veterinary journal.  
Comparative immunol., microbial. and infect. diseases.  
Comparative medicine.  
Compendium. (Yardley, PA)  
Diseases of aquatic organisms.  
Domestic animal endocrinology.  
DTW. Deutsche tierarztliche wochenschrift.  
Equine veterinary journal. & Supplement.  
Experimental animals.  
Fish & shellfish immunology.  
\*Historia medicinae veterinariae.  
ILAR journal.  
Japanese journal of veterinary research.  
Journal of animal breeding and genetics.  
Journal of animal physiology and animal nutrition.  
Journal of animal science.  
Journal of applied animal welfare science : JAAWS  
Journal of aquatic animal health.  
Journal of avian medicine and surgery.  
Journal of comparative pathology.  
Journal of dairy research.  
Journal of dairy science.  
Journal of feline medicine and surgery.  
Journal of fish diseases.  
Journal of small animal practice.  
Journal of the American Animal Hospital Assoc.  
Journal of the Amer. Assoc. for Lab. Animal Science

Journal of the American Veterinary Medical Assoc.  
Journal of the South African Veterinary Assoc.  
Journal of veterinary cardiology.  
Journal of veterinary dentistry.  
Journal of veterinary diagnostic investigation.  
Journal of veterinary emergency & critical care.  
Journal of veterinary internal medicine.  
Journal of veterinary medical education.  
Journal of veterinary medical science. (Japan).  
Journal of veterinary pharmacology and therapeutics.  
Journal of veterinary science. (Suwon-si, Korea)  
Journal of wildlife diseases.  
Journal of zoo and wildlife medicine.  
Lab animal.  
Laboratory animals.  
Learning and behavior.  
Medical and veterinary entomology.  
Medical mycology  
New Zealand Veterinary Journal.  
Onderstepoort journal of veterinary research.  
Polish journal of veterinary sciences.  
Poultry science.  
Preventive veterinary medicine.  
Reproduction in domestic animals = Zuchthygiene.  
Research in veterinary science.  
Revista brasileira de parasitologia veterinaria.  
Revue scientifique et technique. (Int. Off. Epizootics)  
Schweizer archiv for tierheilkunde.  
Theriogenology.  
Tijdschrift voor diergeneeskunde.  
Topics in companion animal medicine.  
Transboundary and emerging diseases.  
Tropical animal health and production.  
Vector borne and zoonotic diseases.  
Veterinaria Italiana.  
Veterinary anaesthesia and analgesia.  
Veterinary and comparative oncology.  
Vet. & comparative orthopaedics & traumatol. VCOT.  
Veterinary clinical pathology.  
Veterinary clinics of North America. Equine practice.  
Veterinary clinics of N. Amer. Exotic animal practice.  
Veterinary clinics of N. Amer. Food animal practice.  
Veterinary clinics of N. Amer. Small animal practice.  
Veterinary dermatology.  
\*Veterinary Heritage.  
Veterinary immunology and immunopathology.  
Veterinary journal. (London, England: 1997)  
Veterinary microbiology.  
Veterinary ophthalmology.  
Veterinary parasitology.  
Veterinary pathology.

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## PubMed MEDLINE Searching: Veterinary Medicine

PubMed MEDLINE is an excellent **free** source of journal article citations & abstracts for veterinarians and others seeking information on **veterinary medicine**, **laboratory animal medicine**, and related **animal health** topics.

## PubMed Provides . . .

- Free access on the Internet at: <http://pubmed.gov>
- About **110 veterinary & laboratory animal journals** are currently indexed out of nearly 5,200 total biomedical journals in human medicine, nursing, dentistry, health care system, genomics, biology, and preclinical life sciences.
- Over 20 million citations from the international biomedical and life sciences journal literature back to mid-1940s.
- Updated daily.
- 80% of the citations have author-written abstracts.
- 80% of articles are in English language.
- “Potential” link outs to free and pay-per-view **full-text journal articles** in over 8,700 journals, and some molecular biology and other books.
- **ORDER copies** from medical libraries through LoansomeDoc (See Loansome Doc leaflet at <http://nmlm.gov/training/resources/ldtrifold.pdf>)
- Set up, store, and run table of contents-like searches for current awareness purposes using “Saved Search” and MyNCBI.

NCBI Resources How To

PubMed.gov  
U.S. National Library of Medicine  
National Institutes of Health

Search: PubMed [v]

RSS Save search Limits Advanced search Help

[Search] [Clear]

## Subjects -- Free Text Keywords

NOTE: Add one or more species terms, e.g., (dogs **OR** cats)

### Single AND Relationship between subject keywords or phrases

Enter keywords/search terms in any order; PubMed will automatically supply the AND connectors; 2-3 separate search elements are usually sufficient, e.g., [disease], [species], [other aspect, such as diagnosis, treatment, etc].

*fleas dogs insecticides* [PubMed searches as: fleas AND dogs AND insecticides]

*tibia osteotomy dogs*

*monkeypox prairie dogs*

*west nile virus diagnosis horses*

*johnes disease cattle* [PubMed also searches synonyms like *paratuberculosis*; see "Search Details"]

*"von willebrand" cryoprecipitate dogs* [Use double quotes for adjacency or exact phrase word order]

*leptospir\* diagnosis dogs* [Truncation for word variations]

*linkage retina dogs cornell* [Author's institutional affiliation]

*coronavirus animals* [Include all animal species]

*parvovirus review* [Add "review" or use Limits menu]

*foot and mouth disease occurrence* [Automatic mapping will search as a phrase and MeSH heading]

### Multiple AND/OR Relationships between subject keywords or phrases using Boolean Connectors

Enter AND, OR, NOT in UPPER CASE; use parenthesis to group similar topics or synonyms together.

*dirofilariasis OR dirofilaria OR heartworm* [Use synonyms to broaden a topic]

*(pseudorabies OR aujeszky\*) AND swine* [See "standardized" species terms]

*(fleas OR ticks) AND (dogs OR cats OR rabbits) AND insecticides*

## Subjects -- Standardized Subject Headings

Use the **MeSH Database** to: NOTE: Most recent (in process) articles do not have subject headings until indexed.

- locate the appropriate standardized Medical Subject Headings,
- see brief descriptions or definitions of those headings (like an online dictionary)
- show the hierarchy or relationship between headings
- build an effective MEDLINE search strategy using this controlled vocabulary
- see overview of article content that may not be representing in a paper's title

MeSH headings are used to provide standardized subject indexing for articles in MEDLINE. They can increase the consistency of search results by minimizing synonym and other variations in keywords or text terms in common usage. To view the MeSH headings applied to each article, click "+ MeSH Terms" at the end of each reference from the "Abstract" display setting.

## PubMed Clinical Queries

NOTE: Limits or Filters can also be used.

Use "Clinical Queries" from PubMed main page as a short-cut to finding clinical research studies for evidence-based medicine.

Enter search terms, such as a disease and species, then select clinical study category and scope:

*lymphosarcoma dogs*

## Journal Titles

HINT: String together journal abbreviations as a "saved search" for table-of-contents like alerts.

Enter full title or MEDLINE abbreviation, or use "Journals in NCBI Databases".

*journal of the american veterinary medical association*

*J am vet med assoc OR j vet intern med OR vet rec OR vet clin north am small anim pract OR j am anim hosp assoc*

*thrombocytopenia "blood" [ta] dogs 2004* [Put single word journal titles in double quotes with tag]

*"gene therapy" [ta]* [Use double quotes & tag for journal titles confused with subjects]

## Authors

Enter last name first and/or second initials; no punctuation.

\*\*\*Check "auto suggest" terms for all name variations

*kollias gv* [Don't use Jr. or III designations]

*center sa [au]* [Use tag for common names]

*morgan\* [au]* [Use truncation & tag if no initials]

*crowell-davis sl* [Enter names with hyphen]

*hackett rp ainsworth dm* For papers written by both authors together; AND is assumed]

*ducharme ng OR nixon aj* [Enter OR for articles by either or both authors]

## Combination (subject/author/journal)

Enter in any sequence; AND connector is assumed, AND/OR connectors must be entered.

*fritsch da osteoarthritis dogs 2010*

*estrus horses equine vet j review*

*atopic dermatitis dogs vet dermatol olivry t [au]*

## LIMITING to ...Clinical Veterinary Medicine & Animals

1. Enter one or more species terms along with subject key words . (See selected list of standardized species or animal category terms at right.)

*endometritis horses [will include mares]*

*diabetes AND (dogs OR cats)*

2. Enter **veterinary [sb]** subset directly in PubMed search box followed by subject keywords and species.

*veterinary[sb] cardiomyopathy cats*

Or, apply **Veterinary Science** subset under "Limits".

Or, setup permanent FILTER for "Veterinary" subset. ; # of cites by each filter are itemized at right of results display.

[Register once for free access to MyNCBI]

From MyNCBI, select "Manage Filters" in lower right, click "Properties" button, search for "veterinary " or choose "Subset", then check "Veterinary".

Or, under PubMed Tools, see under "Topic-Specific Queries," then, **Veterinary Science SUBSET**. Click "Veterinary Science" link, then add additional search keywords for disease, species, etc.

3. When using MeSH subject headings, consider attaching the **/veterinary** subheading to subject terms.

*toxoplasmosis/veterinary*

*lymphosarcoma/veterinary horses*

4. Either limit to "Animals" under "Limits", or add *animals* as a keyword, or set up a permanent FILTER which will also pick up some human and invertebrate research papers.

*acepromazine animals* [in all species]

*anesthetics animals* [in all species]

## Standardized Indexing Terms for Species and Animal Groups

<b>Index Term</b>	<b>Covers all of the following:</b>
<b>amphibians</b>	All types of amphibians, including frogs and salamanders
<b>animals</b>	Any non-human animal.
<b>birds</b>	All types of birds, including poultry, raptors, psittacines.
<b>carnivora</b>	Bears, cats, ferrets, foxes, otters, lions, raccoons, wolves, etc.
<b>cattle</b>	Cow, cows, bovine, calf, calves, heifer.
<b>cats</b>	Cat, cats, feline, kitten, kittens, queen.
<b>cetacea</b>	Dolphins, porpoises, whales, etc.
<b>dogs</b>	Dog, dogs, canine, puppy, puppies, bitch.
<b>goats</b>	Goat, goats, caprine, kid, kids, etc.
<b>guinea pigs</b>	Guinea pig, guinea pigs, cavia, cavies.
<b>fishes</b>	All types of fish, including salmon, trout.
<b>horses</b>	Horse, horses, equine, stallion, mare, mares, foal, foals, filly, gelding.
<b>human</b>	Homo sapiens, man (male or female), humans.
<b>insectivora</b>	Hedgehogs, moles, shrews.
<b>mice</b>	Mice, mouse, all genetic types of mice (nude, inbred strains)
<b>palaeognathae</b>	Ratites, emus, ostriches, rheas.
<b>poultry</b>	Incl. chickens, ducks, geese, turkeys.
<b>primates</b>	Human <u>and</u> non-human primates since 2004. For non-human primates, enter each type (lemur, colobus, gorilla, etc.)
<b>psittaformes</b>	Parakeets, cockatiels, parrots, etc.
<b>rabbits</b>	Rabbit, rabbits, bunnies.
<b>raptors</b>	Eagles, hawks, owls.
<b>rodentia</b>	All types of rodents, incl. rats, mice, squirrels, woodchucks.
<b>rats</b>	Rat, rats, all genetic types of rats incl. inbred strains
<b>reptiles</b>	All types including alligators, lizards, snakes, turtles.
<b>ruminants</b>	All types including buffalo, camels, cattle, deer, sheep.
<b>sheep</b>	Sheep, ovine, ewe, etc.
<b>swine</b>	Pig, pigs, swine, porcine, piglet, piglets, boar, boars, sow, sows, etc.

### Also, animal population groups:

**Animals, domestic** Domesticated and farm species, incl. horses, livestock, poultry (1963-2010)

**Animals, laboratory** Typical lab animals, incl. rats, mice, guinea pigs, rabbits, etc. as a group.

**Animals, wild** Feral, wild or non-domesticated animals

**Animals, zoo** Animals in zoos

**Livestock** Domestic farm animals except poultry (2011+)

**Pets** Animals for companionship and enjoyment