

## Rhabditida

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Rhabdomyolysis is the rapid breakdown of skeletal muscle tissue due to injury to muscle tissue, either mechanical, physical, chemical or biological. This leads to the release of the content of damaged muscle cells into the bloodstream and a risk of acute renal failure due to accumulation of these breakdown products, several of which are injurious to the kidney. Treatment is with intravenous fluids, and dialysis or hemofiltration if necessary. ([From the Wikipedia article Rhabditida](#).)

### Recent Publications on Rhabditida:



- [Nontarget effect of entomopathogenic nematodes on larvae of twospotted lady beetle \(Coleoptera: Coccinellidae\) and green lacewing \(Neuroptera: Chrysopidae\) under laboratory conditions.](#)  
*The nontarget effect of Steinernema feltiae, Steinernema carpocapsae,...* 17th November, 2009  
Biotechnical Faculty, Department of Agronomy, Chair of Phytomedicine,- J Econ Entomol. 2009 Aug;102(4):1440-3.
- [Two new species of Angiostoma Dujardin, 1845 \(Nematoda: Angiostomatidae\) from British terrestrial molluscs.](#)  
*Two new species of Angiostoma Dujardin, 1845 taken from the intestines of...* 10th November, 2009  
Centre of Parasitology, A.N. Severtsov Institute of Ecology and Evolution,- Syst Parasitol. 2009 Oct;74(2):113-24. Epub 2009 Sep 4. ([DOI Direct Link](#))
- [Comparative, three-dimensional anterior sensory reconstruction of Aphelenchus avenae \(nematoda: Tylenchomorpha\).](#)  
*The anterior sensory anatomy (not including amphids) of the nematode...* 14th October, 2009  
Department of Nematology, University of California, Riverside, California- J Comp Neurol. 2009 Dec 10;517(5):616-32. ([DOI Direct Link](#))
- [Reappraisal of the specific status of Rhabdias \(Nematoda: Rhabdiasoidea\) from Malagasy chameleons in the Paris museum collection.](#)  
*To date Rhabdias gemellipara is the only species described from Malagasy...* 9th October, 2009  
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- [Structural and functional characterisation of the fork head transcription factor-encoding gene, Hc-daf-16, from the parasitic nematode Haemonchus contortus \(Strongylida\).](#)  
*Despite their phylogenetic diversity, parasitic nematodes share attributes...* 3rd October, 2009  
Department of Veterinary Science, The University of Melbourne, 250 Princes- Int J Parasitol. 2009 Sep 29. ([DOI Direct Link](#))
- [Steinernema brazilense n. sp. \(Rhabditida: Steinernematidae\), a new entomopathogenic nematode from Mato Grosso, Brazil.](#)

- A new entomopathogenic nematode, Steinernema brazilense n. sp., was...* 24th September, 2009  
Entomology and Nematology Department, University of Florida, Gainesville,- J Invertebr Pathol. 2009 Sep 20. ([DOI Direct Link](#))
- [Rhabditid nematode-associated ophthalmitis and meningoencephalomyelitis in captive Asian horned frogs \(Megophrys montana\).](#)  
*Between 2006 and 2008, 4 captive Asian horned frogs (Megophrys montana)...* 24th September, 2009  
Wildlife Disease Laboratories and Veterinary Services, Zoological Society- J Vet Diagn Invest. 2009 Jul;21(4):568-73.
  - [Field efficacy of entomopathogenic fungi and nematodes targeting caged last-instar plum curculio \(Coleoptera: Curculionidae\) in Michigan cherry and apple orchards.](#)  
*The plum curculio (Conotrachelus nenuphar Herbst) is a key pest of pome...* 16th September, 2009  
Department of Entomology, B-11 CIPS, Michigan State University, East- Environ Entomol. 2009 Aug;38(4):1126-34.
  - [Variation in endophyte-plant associations influence black cutworm \(Lepidoptera: Noctuidae\) performance and susceptibility to the parasitic nematode Steinernema carpocapsae.](#)  
*This study examined how variability in Neotyphodium endophyte-grass...* 16th September, 2009  
Department of Entomology, Purdue University, West Lafayette, IN 47907,- Environ Entomol. 2009 Aug;38(4):996-1004.
  - [Serratia nematodiphila sp. nov., associated symbiotically with the entomopathogenic nematode Heterorhabditoides chongmingensis \(Rhabditida: Rhabditidae\).](#)  
*A novel red-pigmented, Gram-negative, motile, fluorescent, rod-shaped...* 3rd September, 2009  
College of Life Sciences, Nanjing Agricultural University, Nanjing,- Int J Syst Evol Microbiol. 2009 Jul;59(Pt 7):1603-8. ([DOI Direct Link](#))
  - [Effects of pink bollworm resistance to Bacillus thuringiensis on phenoloxidase activity and susceptibility to entomopathogenic nematodes.](#)  
*Widespread planting of crops genetically engineered to produce...* 1st September, 2009  
Department of Entomology, University of Arizona, Tucson, AZ 85721, USA.- J Econ Entomol. 2009 Jun;102(3):1224-32.
  - [Nematicidal activity of Paecilomyces spp. and isolation of a novel active compound.](#)  
*Many species of Paecilomyces are entomogenous fungi and several are...* 12th August, 2009  
Laboratory for Conservation and Utilization of Bio-resources and Key- J Microbiol. 2009 Jun;47(3):248-52. Epub 2009 Jun 26. ([DOI Direct Link](#))
  - [Influence of inoculum density on population dynamics and dauer juvenile yields in liquid culture of biocontrol nematodes Steinernema carpocapsae and S. feltiae \(Nematoda: Rhabditida\).](#)  
*For improvement of mass production of the rhabditid biocontrol nematodes...* 15th July, 2009  
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  - [Evolution of ASABF \(Ascaris suum antibacterial factor\)-type antimicrobial peptides in nematodes: putative rearrangement of disulfide bonding patterns.](#)  
*ASABF (Ascaris suum antibacterial factor)-type antimicrobial peptides are...* 30th June, 2009  
Division of Insect Sciences, National Institute of Agrobiological- Dev Comp Immunol. 2009 Nov;33(11):1147-50. Epub 2009 Jul 7. ([DOI Direct Link](#))
  - [Serratia nematodiphila sp. nov., symbiotically associated with entomopathogenic nematode Heterorhabditoides chongmingensis \(Rhabditida: Rhabditidae\).](#)  
*A novel strain, DZ0503SBS1T, isolated from the intestine of...* 23rd June, 2009  
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## Rhabditida Patents:

- 5610038- [Thiangazole, its preparation, compositions and use thereof](#)
- 6743612- [Nematode MDH-like sequences](#)
- 6818433- [Nematode PGM-like sequences](#)
- 6861063- [Application of partially-desiccated entomopathogenic nematodes for biological pest control](#)
- 6875595- [Nematode fatty acid desaturase-like sequences](#)
- 6903190- [Nematode ATP synthase subunit E-like sequences](#)
- 6908937- [Heterocyclic fluoroalkenyl thioethers \(II\)](#)
- 6927215- [Heterocyclic fluoroalkenyl thioethers and the use thereof as pesticides \(I\)](#)
- 6936693- [Nematode PAN and ZP receptor-like sequences](#)
- 7011837- [Isolated species of steinernematid nematode and methods of white grub control therewith](#)
- 7014859- [Entomopathogenic nematode for control of insect pests](#)
- 6710045- [Heterocyclic fluoroalkenyl thioethers and the use thereof as pesticides \(IV\)](#)
- 6637366- [Nematode biopesticide](#)
- 6524601- [Formulated arthropod cadavers for pest suppression](#)
- 5622979- [Thiangazole, its preparation, compositions and use thereof](#)
- 5776981- [Use of acyl urea compounds for controlling endoparasites and ectoparasites of warm-blooded animals](#)
- 5776982- [Use of acyl urea compounds for controlling endoparasites and ectoparasites of warm-blooded animals](#)
- 5874530- [Cyclic depsipeptide sulfonylation, sulfenylation and phosphorylation process](#)
- 6057355- [Pesticidal combination](#)
- 6110480- [Method for preparing an environmentally compatible porous material comprising beneficial nematodes and the biotic preparations produced therefrom](#)
- 6232061- [Homology cloning](#)
- 6235754- [Methods and compositions for protecting animals and humans against attack and infestation by arthropod and helminth parasites](#)
- 6265537- [Thiodepsipeptides for combating endoparasites and a method for producing the same](#)
- 6355615- [Desoxycyclodepsipeptides and their use for combatting endoparasites](#)
- 7064243- [Screens and assays for agents useful in controlling parasitic nematodes](#)
- 7087598- [Diamide invertebrate pest control agents containing a non-aromatic heterocyclic ring](#)
- 7374773- [Application of entomopathogenic nematode-infected cadavers from hard-bodied arthropods for insect suppression](#)
- 7375122- [Compounds useful as pesticides](#)
- 7375232- [Ortho-heterocyclic substituted aryl amides for controlling invertebrate pests](#)
- 7442533- [Nematode phosphoethanolamine N-methyltransferase-like sequences](#)
- 7456027- [Proteolytic biomarkers for traumatic injury to the nervous system](#)
- 7479382- [Nematode fatty acid desaturase-like sequences](#)
- 7479384- [Nematode MDH-like sequences](#)
- 7496228- [Method and system for detecting and classifying objects in images, such as insects and other arthropods](#)
- 7541377- [Substituted anthranilamides for controlling invertebrate pests](#)
- 7557132- [Compounds useful as pesticides](#)
- 7339044- [Nematode PAN and ZP receptor-like sequences](#)
- 7326704- [Iminobenzoxazines, iminobenzthiazines and iminoquinazolines for controlling invertebrate](#)

[pests](#)

- 7288554- [Ortho-substituted aryl amides for controlling invertebrate pests](#)
- 7148217- [Iminobenzoxazines, iminobenzthiazines and iminoquinazolines for controlling invertebrate pests](#)
- 7157475- [Diamide invertebrate pest control agents](#)
- 7199138- [Substituted anthranilamides for controlling invertebrate pests](#)
- 7211270- [Anthranilamide insecticides](#)
- 7232836- [Arthropodicidal anthranilamides](#)
- 7241612- [Methods and materials for control of insects such as pecan weevils](#)
- 7241767- [Quinazoline\(di\)ones for invertebrate pest control](#)
- 7247647- [Cyano anthranilamide insecticides](#)
- 7250500- [Nematode PAN and ZP receptor-like sequences](#)
- 7265204- [Nematode PAN and ZP receptor-like sequences](#)
- 7560564- [Heterocyclic diamide invertebrate pest control agents](#)

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