

Spirurida

[View the current Spirurida InDepth page on BioPortfolio.com](#) (PDF)

(<http://www.bioportfolio.com/indepth/Spirurida.html>) - Regularly Updated.

The spleen is an organ located in the abdomen of the human body, where it functions in the destruction of old red blood cells and holding a small reservoir of blood. It is regarded as one of the centers of activity of the reticuloendothelial system. Until recently, the purpose of the spleen was not known. It is increasingly recognized that its absence leads to a predisposition to certain infections. ([From the Wikipedia article Spirurida.](#))

Recent Publications on Spirurida:



- [\[Gnathostomiasis in Brazil: case report.\]](#)
*Gnathostomiasis is an endemic disease in Asian countries caused by the...*28th January, 2010
Sociedade Brasileira de Dermatologia.- An Bras Dermatol. 2009 Aug;84(4):400-4.
- [Pterygodermatites \(Multipectines\) pluripectinata n. sp. \(Spirurida: Rictulariidae\), a nematode parasite of the crab-eating fox Cerdocyon thous \(Linnaeus, 1766\) from Caatinga shrubland, Brazil.](#)
*In a parasitological survey of free-ranging Cerdocyon thous (Carnivora:...*9th January, 2010
University of Rio Preto, Sao Jose do Rio Preto, Sao Paulo, Brazil.- J Helminthol. 2010 Jan 8:1-5. ([DOI Direct Link](#))
- [New species of Pseudabbreviata \(Nematoda: Physalopteridae\) and other helminths in two species of Hypsilurus \(Sauria: Agamidae\) from Papua New Guinea.](#)
*Pseudabbreviata novaeguineensis n. sp. from the stomach of Hypsilurus...*6th January, 2010
Department of Biology, Pennsylvania State University, Shenango Campus,- J Parasitol. 2009 Aug;95(4):920-3.
- [Changes in gene expression in European eels \(Anguilla anguilla\) induced by infection with swim bladder nematodes \(Anguillicola crassus\).](#)
*The European eel, Anguilla anguilla, is considered an endangered species...*6th January, 2010
Laboratoire de Biologie et d'Ecologie Tropicale et Mediterranenne, UMR- J Parasitol. 2009 Aug;95(4):808-16.
- [Population genetic structure of the parasitic nematode Camallanus cotti inferred from DNA sequences of ITS1 rDNA and the mitochondrial COI gene.](#)
*The population genetic structure of fish parasitic nematode, Camallanus...*16th December, 2009
Key Laboratory of Genetic Breeding and Aquaculture Biology of Freshwater- Vet Parasitol. 2009 Oct 14;164(2-4):248-56. Epub 2009 May 4. ([DOI Direct Link](#))
- [Fatal aortic aneurysm and rupture in a neotropical bush dog \(Speothos venaticus\) caused by Spirocerca lupi.](#)
*This report details the post-mortem discovery of a larva of Spirocerca...*16th December, 2009
Parque Ecologico El Puma, Ministerio de Ecologia, Recursos Naturales- Vet Parasitol. 2009 Oct 14;164(2-4):347-9. Epub 2009 May 19. ([DOI Direct Link](#))

- [Wider range for parasites that cause eosinophilic meningitis.](#)
Thelazia callipaeda infects the eyes of carnivores and humans in Far...18th November, 2009
- Clin Infect Dis. 2009 Oct 15;49(8):1283. ([DOI Direct Link](#))
- [Two species of Rhabdochona Railliet, 1916 \(Nematoda: Rhabdochonidae\) parasitising cyprinid fishes in Iraq, with a redescription of R. tigridis Rahemo, 1978 \(emend.\).](#)
*Two species of Rhabdochona Railliet, 1916 (Nematoda: Rhabdochonidae) were...*10th November, 2009
Institute of Parasitology, Biology Centre of the Academy of Sciences of- Syst Parasitol. 2009 Oct;74(2):125-35. Epub 2009 Sep 4. ([DOI Direct Link](#))
- [Thelazia callipaeda \(Spirurida, Thelaziidae\) in wild animals: report of new host species and ecological implications.](#)
Thelazia callipaeda infects the eyes of carnivores and humans in Far...29th September, 2009
Dipartimento di Sanita Pubblica e Zootecnia, Universita degli Studi di- Vet Parasitol. 2009 Dec 23;166(3-4):262-7. Epub 2009 Sep 4. ([DOI Direct Link](#))
- [Physaloptera sibirica in foxes and badgers from the Western Alps \(Italy\).](#)
*We investigated the presence of Physaloptera sibirica and its distribution...*25th September, 2009
Dipartimento di Produzioni Animali, Epidemiologia ed Ecologia, Universita- Vet Parasitol. 2009 Jul 7;163(1-2):164-6. Epub 2009 Apr 15. ([DOI Direct Link](#))
- [Spirurids from Gracilinanus agilis \(Marsupialia: Didelphidae\) in Brazilian Pantanal wetlands with a new species of Physaloptera \(Nematoda: Spirurida\).](#)
*Gastrointestinal nematodes were recovered from thirty four Gracilinanus...*25th September, 2009
Laboratorio de Biologia de Helmintos Otto Wucherer, Instituto de Biofisica- Vet Parasitol. 2009 Jul 7;163(1-2):87-92. Epub 2009 Apr 5. ([DOI Direct Link](#))
- [Distribution and ecology of mosquitoes in a focus of dirofilariasis in northwestern Iran, with the first finding of filarial larvae in naturally infected local mosquitoes.](#)
*A study of the distribution and ecology of mosquitoes (Diptera: Culicidae)...*15th September, 2009
Department of Medical Entomology and Vector Control, School of Public- Med Vet Entomol. 2009 Jun;23(2):111-21. ([DOI Direct Link](#))
- [Gnathostomiasis, another emerging imported disease.](#)
*Gnathostomiasis is a food-borne zoonosis caused by the late-third stage...*8th September, 2009
Department of Clinical Parasitology, Hospital for Tropical Diseases, 3rd- Clin Microbiol Rev. 2009 Jul;22(3):484-92. ([DOI Direct Link](#))
- [Pila ampullacea and Pomacea canaliculata, as new paratenic hosts of Gnathostoma spinigerum.](#)
*Aquatic snails, Pila ampullacea and Pomacea canaliculata were...*24th June, 2009
Department of Helminthology, Faculty of Tropical Medicine, Mahidol- Southeast Asian J Trop Med Public Health. 2009 Mar;40(2):243-6.
- [Gnathostomiasis acquired by British tourists in Botswana.](#)
*Infection with Gnathostoma spinigerum has been generally confined to...*16th June, 2009
Hospital for Tropical Diseases, London, UK.- Emerg Infect Dis. 2009 Apr;15(4):594-7.

Spirurida Clinical Trials:



- [Evaluation of Antibacterial Soap for Treatment of Lymphedema in a Filariasis-Endemic Area](#)



Spirurida Patents:

- 5856324- [Use of dioxomorpholines for combat endoparasites, dioxomorpholines and process for their production](#)
- 6384186- [Cyclic dodecapeptide and process for the preparation thereof](#)
- 6414158- [1,3,4-oxadiazine derivatives and their use as pesticides](#)
- 6423823- [Organic chemical compounds and method for producing the same](#)
- 6468966- [Octacyclopeptides having an endoparasitocidal action](#)
- 6503536- [Granulates of hexahydropyrazine derivatives which can be administered orally](#)
- 6710045- [Heterocyclic fluoroalkenyl thioethers and the use thereof as pesticides \(IV\)](#)
- 6743612- [Nematode MDH-like sequences](#)
- 6806292- [Substituted imide derivatives](#)
- 6818433- [Nematode PGM-like sequences](#)
- 6875595- [Nematode fatty acid desaturase-like sequences](#)
- 6369028- [Octacyclopeptides having an endoparasitocidal action](#)
- 6355615- [Desoxycyclopeptides and their use for combatting endoparasites](#)
- 6342599- [1,3,4-oxadiazine derivatives and their use as pesticides](#)
- 5874530- [Cyclic depsiptide sulfonylation, sulfenylation and phosphorylation process](#)
- 6025357- [Anthelmintic paste](#)
- 6110928- [4a, 5a, 8a, 8b--tetrahydro-6H-pyrrolo \[3,4':4,5\]furo\(3,2-b\) pyridine-6,8\[7H\]-dione derivatives for use in controlling endoparasites and a method of producing said derivatives](#)
- 6127364- [1,3,4-oxadiazine derivatives and their use as pesticides](#)
- 6159932- [Endoparasitocidal compositions](#)
- 6232061- [Homology cloning](#)
- 6235754- [Methods and compositions for protecting animals and humans against attack and infestation by arthropod and helminth parasites](#)
- 6265537- [Thiodepsiptides for combating endoparasites and a method for producing the same](#)
- 6291472- [4a, 5a, 8a, 8b-tetrahydro-6H-pyrrolo\[3',4':4, 5\]furo\[3,2-b\] pyridine-6,8\(7H\)-dione derivatives for control of endoparasites processes for their preparation](#)
- 6306872- [6-substituted 1,2,4a,5a,8a,8b-hexahydro- and 1,2,3,4,4a,5a,8a,8b-octahydro-6H-pyrrolo\[3',4':4,5\]furo\[3,2-b\]pyrid-8\(7H\)-one derivatives and their use in combatting endoparasites](#)
- 6903190- [Nematode ATP synthase subunit E-like sequences](#)
- 6908937- [Heterocyclic fluoroalkenyl thioethers \(II\)](#)
- 7288554- [Ortho-substituted aryl amides for controlling invertebrate pests](#)
- 7326704- [Iminobenzoxazines, iminobenzthiazines and iminoquinazolines for controlling invertebrate pests](#)
- 7339044- [Nematode PAN and ZP receptor-like sequences](#)
- 7442533- [Nematode phosphoethanolamine N-methyltransferase-like sequences](#)
- 7479382- [Nematode fatty acid desaturase-like sequences](#)
- 7479384- [Nematode MDH-like sequences](#)
- 7541377- [Substituted anthranilamides for controlling invertebrate pests](#)
- 7560564- [Heterocyclic diamide invertebrate pest control agents](#)
- 7629463- [Ortho-heterocyclic substituted aryl amides for controlling invertebrate pests](#)
- 7645738- [18-membered nitrobenzyl- and aminobenzyl-substituted cyclohexadepsiptides for controlling endoparasites and a process for their preparation](#)
- 7265204- [Nematode PAN and ZP receptor-like sequences](#)

- 7250500- [Nematode PAN and ZP receptor-like sequences](#)
- 7247647- [Cyano anthranilamide insecticides](#)
- 6927215- [Heterocyclic fluoroalkenyl thioethers and the use thereof as pesticides \(I\)](#)
- 6936693- [Nematode PAN and ZP receptor-like sequences](#)
- 7064243- [Screens and assays for agents useful in controlling parasitic nematodes](#)
- 7087598- [Diamide invertebrate pest control agents containing a non-aromatic heterocyclic ring](#)
- 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](#)
- 7241767- [Quinazoline\(di\)ones for invertebrate pest control](#)
- 7655418- [Methods for identifying compounds that bind to nematode ATP synthase subunit E polypeptide](#)

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Stafford House, 10 Prince of Wales Road, Dorchester, Dorset, DT1 1PW, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2010 - BioPortfolio Limited.

