

Toxocariasis

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

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

Toxocariasis is helminth infection of humans caused by the dog or cat roundworm, *Toxocara canis* or *Toxocara cati*, respectively. Humans can become infected by ingestion of embryonated eggs from contaminated sources. There are two main syndromes; visceral larva migrans, which encompasses diseases associated with major organs, and ocular larva migrans, in which toxocariasis pathological effects on the host are restricted to the eye and the optic nerve. ([From the Wikipedia article Toxocariasis.](#))

Recent Publications on Toxocariasis:



- [Pulmonary toxocariasis masquerading as metastatic tumor nodules in a child with osteosarcoma.](#)
A 14-year-old male, who completed chemotherapy following limb salvage...18th November, 2009
Department of Pediatrics, Hanyang University College of Medicine, Seoul,- *Pediatr Blood Cancer.* 2009 Dec 15;53(7):1343-5. ([DOI Direct Link](#))
- [\[Pet-associated infections\]](#)
Pet-related infections in humans are diverse, rather infrequent...17th November, 2009
Clinique de medecine et Unite de prevention et controle, de l'infection,- *Rev Med Suisse.* 2009 Oct 7;5(220):1985-90.
- [Immunohistochemistry in toxocaral granulomas.](#)
Clean laboratory bred albino mice were used. Three mice of these were used...5th November, 2009
Department of Parasitology, Faculty of Medicine, Al Azhar Univers,- *J Egypt Soc Parasitol.* 2009 Aug;39(2):461-6.
- [Seroprevalence of human toxocariasis in Denmark.](#)
The seroprevalence of Toxocara in the Danish population was assessed from...3rd November, 2009
Laboratory of Parasitology, Department of Bacteriology, Mycology and- *Clin Vaccine Immunol.* 2009 Sep;16(9):1372-3. Epub 2009 Jul 29. ([DOI Direct Link](#))
- [\[Tropical causes of epilepsy\]](#)
INTRODUCTION: Eighty-five percent of all epileptics live in tropical...28th October, 2009
Servicio de Neurologia, Hospital Virgen de Luz, Cuenca, Espana.- *Rev Neurol.* 2009 Nov 1-15;49(9):475-82.
- [Toxocariasis: Incidence, Prevalence and the Time Serum remains Positive in School Children from Campinas, SP, Brazil.](#)
INTRODUCTION: Eighty-five percent of all epileptics live in tropical...24th October, 2009
Departamento de Medicina Preventiva e Social, FCM, Unicamp, Laboratorio de- *J Trop Pediatr.* 2009 Oct 22. ([DOI Direct Link](#))
- [Method for detecting circulating Toxocara canis antigen and its application in human serum samples.](#)
Diagnosis of larval migrans (LM) is usually done by immunodiagnostic...21st October, 2009
Department of Medical Laboratory Sciences, Faculty of Health Sciences,- *Nepal Med Coll J.* 2009

Mar;11(1):9-13.

- [Clinical patterns of uveitis in two ophthalmology centres in Bogota, Colombia.](#)
*PURPOSE: To describe the distribution pattern and the clinical features of...*1st October, 2009
Grupo de Estudio en Parasitología Molecular (GEPAMOL), Universidad del- Clin Experiment
Ophthalmol. 2009 Jul;37(5):458-66. ([DOI Direct Link](#))
- [Comparative assessment of enzyme-linked immunosorbent assay and Western blot for the diagnosis of toxocariasis in patients with skin disorders.](#)
*Summary Background The link between various chronic skin disorders and...*30th September, 2009
Department of Parasitology, University Hospital, Besancon, France.- Br J Dermatol. 2009 Jul 20. ([DOI Direct Link](#))
- [High efficacy of albendazole-PEG 6000 in the treatment of Toxocara canis larva migrans infection.](#)
*OBJECTIVES: In vitro and in vivo experiments were used to determine...*17th September, 2009
Area Tecnologia Farmaceutica, Departamento Farmacia, Facultad de Ciencias- J Antimicrob
Chemother. 2009 Aug;64(2):375-8. Epub 2009 Jun 4. ([DOI Direct Link](#))
- [Treatment and prevention of vertical transmission of Toxocara cati in cats with an emodepside/praziquantel spot-on formulation.](#)
*This study aimed to determine the efficacy of emodepside...*4th September, 2009
Institute for Parasitology, University of Veterinary Medicine, Hannover,- Parasitol Res. 2009 Aug;105
Suppl 1:S75-81. ([DOI Direct Link](#))
- [Evaluation of an enzyme-linked immunoelectrotransfer blot test for the confirmatory serodiagnosis of human toxocariasis.](#)
*To improve the serodiagnosis of human toxocariasis, a sensitive and...*29th August, 2009
Seccion de Parasitologia, Instituto de Medicina Tropical Daniel A.- Mem Inst Oswaldo Cruz. 2009
May;104(3):411-8.
- [The effects of Benzimidazoles on the larval stage of Toxocara cati in experimentally infected chickens.](#)
*Toxocara cati (T. cati) and Toxocara canis (T. canis), roundworms of cats...*22nd August, 2009
Department of Veterinary Pathology, School of Veterinary Medicine, Shiraz- Trop Biomed. 2009
Apr;26(1):30-9.
- [External and intestinal parasites of pet dogs with reference to zoonotic toxocariasis.](#)
*Examination of 3000 pet dogs over two years at the Veterinary Teaching...*29th July, 2009
Department of Parasitology, Faculty of Veterinary Medicine, Cairo- J Egypt Soc Parasitol. 2009
Apr;39(1):321-6.
- [Toxocara canis: larval migration dynamics, detection of antibody reactivity to larval excretory-secretory antigens and clinical findings during experimental infection of gerbils \(Meriones unguiculatus\).](#)
*In this study, Mongolian gerbils were used to analyse features of Toxocara...*24th June, 2009
Departamento de Ciencias Biologicas, Facultad de Estudios Superiores- Exp Parasitol. 2009
May;122(1):1-5. Epub 2009 Jan 23. ([DOI Direct Link](#))

Toxocariasis Patents:



- 6051697- [Chemokine expressed in eosinophils](#)
- 6630128- [Porphyrin derivatives their use in photodynamic therapy and medical devices containing them](#)
- 6844010- [Therapeutic treatment and prevention of infections with a bioactive materials encapsulated](#)

- [within a biodegradable-biocompatible polymeric matrix](#)
- 6902743- [Therapeutic treatment and prevention of infections with a bioactive material\(s\) encapsulated within a biodegradable-bio-compatible polymeric matrix](#)
- 6946546- [Human antibodies against eotaxin](#)
- 7060723- [Treating neurological disorders using selective antagonists of persistent sodium current](#)
- 7091232- [4-\(substituted cycloalkylmethyl\) imidazole-2-thiones, 4-\(substituted cycloalkenylmethyl\) imidazole-2-thiones, 4-\(substituted cycloalkylmethyl\) imidazol-2-ones and 4-\(substituted cycloalkenylmethyl\) imidazol-2-ones and related compounds](#)
- 7176304- [RNA interference mediated inhibition of vascular endothelial growth factor and vascular endothelial growth factor receptor gene expression using short interfering nucleic acid \(siNA\)](#)
- 7220422- [Methods and compositions for treating eye disorders](#)
- 7229961- [Compositions and methods for enhancing drug delivery across and into ocular tissues](#)
- 7244841- [Porphyrin derivatives and their use in photodynamic therapy](#)
- 6613926- [Perchloramido phosphonyl reagents and analogs thereof](#)
- 6506788- [N-linked urea or carbamate of heterocyclic thioesters for vision and memory disorders](#)
- 6399648- [N-oxides of heterocyclic ester, amide, thioester, or ketone for vision and memory disorders](#)
- 6218423- [Pyrrolidine derivatives for vision and memory disorders](#)
- 6303774- [Nucleoside pyrophosphate and triphosphate analogs and related compounds](#)
- 6309669- [Therapeutic treatment and prevention of infections with a bioactive materials encapsulated within a biodegradable-biocompatible polymeric matrix](#)
- 6333340- [Small molecule sulfonamides for vision and memory disorders](#)
- 6335348- [Nitrogen-containing linear and azepinyl/ compositions and uses for vision and memory disorders](#)
- 6337340- [Carboxylic acids and isosteres of heterocyclic ring compounds having multiple heteroatoms for vision and memory disorders](#)
- 6339101- [N-linked sulfonamides of N-heterocyclic carboxylic acids or isosteres for vision and memory disorders](#)
- 6376517- [Pipecolic acid derivatives for vision and memory disorders](#)
- 6384056- [Heterocyclic thioesters or ketones for vision and memory disorders](#)
- 6395758- [Small molecule carbamates or ureas for vision and memory disorders](#)
- 7265150- [Carboxylic acids and carboxylic acid isosteres of N-heterocyclic compounds for vision and memory disorders](#)
- 7276522- [4-\(substituted cycloalkylmethyl\) imidazole-2-thiones, 4-\(substituted cycloalkenylmethyl\) imidazole-2-thiones, 4-\(substituted cycloalkylmethyl\) imidazol-2-ones, 4-\(substituted cycloalkenylmethyl\) imidazol-2-ones and related compounds](#)
- 7427685- [Therapeutic substituted cyclopentanes](#)
- 7439372- [Therapeutic compounds](#)
- 7465458- [Methods for treating eye disorders](#)
- 7468360- [Therapeutic amides and related compounds](#)
- 7479481- [Treatment of ocular diseases and disorders using lantibiotic compositions](#)
- 7491844- [Therapeutic cyclopentane derivatives](#)
- 7514099- [Lipid nanoparticle based compositions and methods for the delivery of biologically active molecules](#)
- 7517864- [RNA interference mediated inhibition of vascular endothelial growth factor and vascular endothelial growth factor receptor gene expression using short interfering nucleic acid \(siNA\)](#)
- 7569584- [4-\(2-methyl-5,6,7,8-tetrahydro-quinolin-7-ylmethyl\)-1,3-dihydro-imidazole-- 2-thione as specific alpha.sub.2b agonist and methods of using the same](#)
- 7585895- [Therapeutic substituted cyclopentanes](#)
- 7419994- [4-\(substituted cycloalkylmethyl\) imidazole-2-thiones, 4-\(substituted cycloalkenylmethyl\) imidazole-2- thiones, 4-\(substituted cycloalkylmethyl\) imidazol-2-ones and 4-\(substituted cyloalkenylmethyl\) imidazol-2-ones and related compounds](#)
- 7410995- [N-linked sulfonamide of heterocyclic thioesters for vision and memory disorders](#)
- 7404969- [Lipid nanoparticle based compositions and methods for the delivery of biologically active](#)

[molecules](#)

- 7282564- [RNA interference pathway genes as tools for targeted genetic interference](#)
- 7323311- [Methods of obtaining a specific binding member that binds eotaxin](#)
- 7323477- [7-\(\(1H-imidazol-4-yl\)methyl\)-5,6,7,8-tetrahydroquinoline](#)
- 7338976- [Heterocyclic esters or amides for vision and memory disorders](#)
- 7345077- [4-\(substituted cycloalkylmethyl\) imidazole-2-thiones, 4-\(substituted cycloalkenylmethyl\) imidazole-2-thiones, 4- \(substituted cycloalkylmethyl\) imidazol-2-ones and 4- \(substituted cycloalkenylmethyl\) imidazol-2-ones and related compounds](#)
- 7345178- [Sirtuin modulating compounds](#)
- 7358278- [Cellular phosphorylation potential enhancing compositions preparation and use thereof](#)
- 7390829- [Alpha-2 adrenergic agonists](#)
- 7396849- [4-\(Condensed cyclicmethyl\)-imidazole-2-thiones acting as .alpha..sub.2 adrenergic agonists](#)
- 7399868- [4-\(Heteroaryl-methyl and substituted heteroaryl-methyl\)-imidazole-2-thiones acting as alpha2 adrenergic agonists](#)
- 7589057- [Oil-in-water method for making alpha-2 agonist polymeric drug delivery systems](#)

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 1997-2009 - BioPortfolio Limited.

