

Ascariasis

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Ascariasis is a human disease caused by the parasitic roundworm *Ascaris lumbricoides*. Perhaps as many as one quarter of the world's people are infected[<http://www.pnas.org/cgi/content/full/99/8/5533>], and ascariasis is particularly prevalent in tropical regions and in areas of poor hygiene. Other species of the genus *Ascaris* are parasitic and can cause disease in domestic animals. Infection occurs through ingestion of food contaminated with fecal matter containing *Ascaris* eggs. The larvae hatch, burrow through the intestine, reach the lungs, and finally migrate up the respiratory tract. From there they are then reswallowed and mature in the intestine, growing up to 30 cm in length and anchoring themselves to the intestinal wall. Infections are usually asymptomatic, especially if the number of worms is small. They may however be accompanied by inflammation, fever, and diarrhea, and serious problems may develop if the worms migrate to other parts of the body. ([From the Wikipedia article Ascariasis](#).)



Recent Publications on Ascariasis:

- [Intestinal and biliary infection with *Ascaris lumbricoides* in gastrointestinal endoscopy.](#)
*Two unusual autopsy cases of fatal Ascaris infection have been presented....*29th October, 2009
Service of Digestive Diseases, Hospital Rio Hortega, Valladolid, Spain.- *Rev Esp Enferm Dig.* 2009 Jun;101(6):427-8, 429.
- [Endoscopic ultrasound for ascariasis in common bile duct.](#)
*Two unusual autopsy cases of fatal Ascaris infection have been presented....*24th October, 2009
Jaswant Rai Speciality Hospital, Saket, Meerut-250001, Uttar Pradesh,- *Endoscopy.* 2009;41 Suppl 2:E209-10. Epub 2009 Jul 27. ([DOI Direct Link](#))
- [\[Children's abdominal pain--from symptoms to diagnosis\]](#)
*Abdominal pain is an ambiguous symptom and for this reason it is a common...*7th October, 2009
Institute of Teaching Nursing, Medical University of Lodzi.- *Pol Merkur Lekarski.* 2009 May;26(155):358-61.
- [Surgical Diagnosis and Management of Intestinal Obstruction Due to *Ascaris lumbricoides*.](#)
*Abstract Background: Ascariasis continues to be one of the most...*30th September, 2009
1 San Lorenzo Mother and Child Center, Universidad Nacional de Asuncion , - *Surg Infect (Larchmt).* 2009 Sep 28. ([DOI Direct Link](#))
- [Erythema nodosum caused by ascariasis and *Chlamydomyces pneumoniae* pulmonary infection--a case report.](#)
*Erythema nodosum belongs to a group of relatively common hypodermal...*29th September, 2009
Department of Dermatology, Silesian Medical University in Katowice,- *FEMS Immunol Med Microbiol.* 2009 Dec;57(3):236-8. Epub 2009 Aug 21. ([DOI Direct Link](#))
- [Management algorithm for intestinal obstruction due to ascariasis: a case report and review of the](#)

[literature.](#)

Ascaris lumbricoides is the largest and most prevalent of the human...26th September, 2009
Department of Surgery, Al-Ain Hospital, Al-Ain, United Arab Emirates.- Ulus Travma Acil Cerrahi Derg.
2009 May;15(3):301-5.

- [Intestinal ascariasis: the commonest cause of bowel obstruction in children at a tertiary care center in Kashmir.](#)
*BACKGROUND: Ascariasis is the commonest intestinal nematodal infestation...*18th September, 2009
SKIMS, Srinagar,- Pediatr Surg Int. 2009 Sep 16. ([DOI Direct Link](#))
- [Association between total immunoglobulin E and antibody responses to naturally acquired *Ascaris lumbricoides* infection and polymorphisms of immune system-related LIG4, TNFSF13B and IRS2 genes.](#)
*The 13q33-34 region harbours a susceptibility locus to Ascaris...*11th September, 2009
Institute for Immunological Research, University of Cartagena, Cartagena,- Clin Exp Immunol. 2009 Aug;157(2):282-90. ([DOI Direct Link](#))
- [Recurrent pancreatitis secondary to pancreatic ascariasis.](#)
*Ascaris lumbricoides infestations are endemic in tropical countries....*3rd September, 2009
Division of Hepatobiliary and Pancreatic Surgery, Department of Surgery,- Singapore Med J. 2009 Jun;50(6):e218-9.
- [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.
- [Death due to an unrecognized ascariasis infestation: two medicolegal autopsy cases.](#)
*Two unusual autopsy cases of fatal Ascaris infection have been presented....*22nd August, 2009
From the Institute of Forensic Medicine of Novi Sad, Clinical Center of- Am J Forensic Med Pathol. 2009 Sep;30(3):292-4. ([DOI Direct Link](#))
- [Emergency hospitalization due to ascariasis.](#)
*Two unusual autopsy cases of fatal Ascaris infection have been presented....*12th August, 2009
Regional Medical Research Centre, N.E. Region (ICMR), Dibrugarh, Assam,- J Emerg Med. 2009 Aug 7. ([DOI Direct Link](#))
- [\[Parasitic diseases in the Kyrgyz Republic: epidemiological aspects\]](#)
*The paper analyzes the epidemiological situation associated with...*11th August, 2009
- Med Parazitol (Mosk). 2009 Apr-Jun;(2):27-30.
- [\[Case report: an intestinal obstruction due to ascariasis\]](#)
*Ascaris lumbricoides (A. lumbricoides) with which one billion people...*15th July, 2009
Kocaeli Universitesi Tip Fakultesi, Mikrobiyoloji ve Klinik Mikrobiyoloji- Turkiye Parazitol Derg. 2009;33(2):185-7.
- [Biliary ascariasis in the Indian subcontinent: a study of 42 cases.](#)
*BACKGROUND/AIM: History of ascariasis is known to stretch back many...*2nd July, 2009
Department of General Surgery, Calcutta National Medical College and- Saudi J Gastroenterol. 2009 Apr;15(2):121-4. ([DOI Direct Link](#))

Ascariasis Patents:



- 7396840- [Chemokine receptor binding heterocyclic compounds](#)
- 7479496- [Substituted spiro azabicyclics as modulators of chemokine receptor activity](#)
- 7482013- [Albumin fusion proteins](#)
- 7482335- [Cyclic derivatives as modulators of chemokine receptor activity](#)
- 7491390- [Anti-CD70 antibody and its use for the treatment and prevention of cancer and immune disorders](#)
- 7491735- [Chemokine receptor binding compounds](#)
- 7491737- [Heteraryl piperidine modulators of chemokine receptor activity](#)
- 7498027- [Methods of treatment using human tumor necrosis factor receptor TR17 antibodies](#)
- 7498298- [Monomethylvaline compounds capable of conjugation to ligands](#)
- 7498346- [Chemokine receptor binding compounds](#)
- 7501518- [Methods of making 2,6-diaryl piperidine derivatives](#)
- 7468440- [Malonamides and malonamide derivatives as modulators of chemokine receptor activity](#)
- 7459531- [50 Human secreted proteins](#)
- 7449184- [Fixed dosing of HER antibodies](#)
- 7402657- [C-C chemokine receptor 3 proteins](#)
- 7410642- [Assays and therapies for latent viral infection](#)
- 7410961- [2,6-disubstituted piperidines as modulators](#)
- 7411051- [Antibodies to HDPPA04 polypeptide](#)
- 7413866- [Compositions and methods for detecting and treating diseases and conditions related to chemokine receptors](#)
- 7419662- [Methods of making chemokine alpha 3 antibodies](#)
- 7419996- [Parenteral and oral formulations of benzimidazoles](#)
- 7423129- [Antibodies to human eotaxin](#)
- 7429646- [Antibodies to human tumor necrosis factor receptor-like 2](#)
- 7442512- [Compositions and methods for detecting and treating diseases and conditions related to chemokine receptors](#)
- 7507413- [Albumin fusion proteins](#)
- 7507414- [Albumin fusion proteins](#)
- 7572813- [Cyclic derivatives as modulators of chemokine receptor activity](#)
- 7579324- [Conjugates of biologically active compounds, methods for their preparation and use, formulation and pharmaceutical applications thereof](#)
- 7588774- [Molecules enhancing dermal delivery of influenza vaccines](#)
- 7589085- [Tetrahydropyran heterocyclic cyclopentyl heteroaryl modulators of chemokine receptor activity](#)
- 7592010- [Albumin fusion proteins](#)
- 7595038- [Methods of treatment using antibodies to follistatin-3](#)
- 7597886- [Tumor necrosis factor-gamma](#)
- 7598243- [Heterocyclic cyclopentyl tetrahydroisoquinoline and tetrahydropyridopyridine modulators of chemokine receptor activity](#)
- 7601335- [Pretreatment of a biological sample from an autoimmune disease subject](#)
- 7601844- [Piperidinyl derivatives as modulators of chemokine receptor activity](#)
- 7569384- [Albumin fusion proteins](#)
- 7566726- [3,3-disubstituted tetrahydropyranyl cyclopentyl amide modulators of chemokine receptor activity](#)
- 7557124- [Tetrahydropyranyl cyclopentyl tetrahydropyridopyridine modulators of chemokine receptor activity](#)
- 7514079- [Antibodies that specifically bind to neurokinin B](#)
- 7514430- [Piperizinones as modulators of chemokine receptor activity](#)
- 7514431- [Piperidinyl cyclopentyl aryl benzylamide modulators of chemokine receptor activity](#)
- 7521424- [Albumin fusion proteins](#)
- 7544806- [Piperidine-substituted indoles-or heteroderivatives thereof](#)
- 7550484- [Chemokine receptor binding heterocyclic compounds with enhanced efficacy](#)

- 7550486- [N-ureidoalkyl-piperidines as modulators of chemokine receptor activity](#)
- 7550500- [Bicyclic and tricyclic amines as modulators of chemokine receptor activity](#)
- 7553674- [Methods of identifying compounds useful for modulating intraflagellar transport](#)
- 7553816- [p-amidobenzylethers in drug delivery agents](#)
- 7615556- [Piperazinyl derivatives as modulators of chemokine receptor activity](#)

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