

# Cryptosporidiosis

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Cryptosporidiosis is a parasitic disease affecting the intestines of mammals that is caused by *Cryptosporidium*, a protozoan parasite in the phylum Apicomplexa. It is a disease spread through the fecal-oral route; the main symptom is self-limiting diarrhea in people with intact immune system. In immunocompromised individuals, such as AIDS patients, infection can cause permanent & life-threatening diarrhea. Despite not being identified until 1976 it is one of the most common waterborne diseases and is found worldwide. ( [From the Wikipedia article Cryptosporidiosis](#) .)

## Recent Publications on Cryptosporidiosis:



- [Cryptosporidiosis.](#)  
*This study was carried out to determine the role of non-biting...*13th November, 2009  
School of Medicine, Swansea University, UK.- *BMJ*. 2009 Oct 19;339:b4168. doi: 10.1136/bmj.b4168.
- [Cervine genotype is the major \*Cryptosporidium\* genotype in sheep in China.](#)  
*To identify *Cryptosporidium* species/genotypes in sheep in China and to...*12th November, 2009  
The College of Animal Science and Veterinary Medicine, Henan Agricultural- *Parasitol Res*. 2009 Nov 11. ([DOI Direct Link](#))
- [Cryptosporidiosis in pediatric renal transplantation.](#)  
*To identify *Cryptosporidium* species/genotypes in sheep in China and to...*11th November, 2009  
Pediatric Nephrology, Children's Hospital of Toulouse, 330, avenue du- *Pediatr Nephrol*. 2009 Nov 10. ([DOI Direct Link](#))
- [Human cryptosporidiosis: a review.](#)  
*OBJECTIVE: To provide an overview of risk factors, presentation and...*10th November, 2009  
P. O. Ayuo, MBChB, MMed, Senior Lecturer, Department of Medicine, School- *East Afr Med J*. 2009 Feb;86(2):89-93.
- [A case of sporadic intestinal cryptosporidiosis diagnosed by endoscopic biopsy.](#)  
*Sporadic intestinal cryptosporidiosis is not easily diagnosed and might be...*7th November, 2009  
Division of Pathology, Japan Self Defense Forces Hospital Yokosuka,- *Acta Med Okayama*. 2009 Oct;63(5):287-91.
- [Experimental study on respiratory cryptosporidiosis.](#)  
*Cryptosporidiosis has a worldwide geographical and zoological...*5th November, 2009  
Department of Parasitology, Faculty of Medicine, Benha University, Egypt.- *J Egypt Soc Parasitol*. 2009 Aug;39(2):599-605.
- [Studies on zoonotic cryptosporidiosis parvum in Ismailia Governorate, Egypt.](#)  
*A total of 390 stool samples from children less than 8 years old attending...*5th November, 2009  
Department of Zoology, Faculty of Science, Ismailia, Suez Canal- *J Egypt Soc Parasitol*. 2009 Aug;39(2):479-88.

- [Intestinal parasitic infections in relation to HIV/AIDS status, diarrhea and CD4 T-cell count.](#)  
*BACKGROUND: HIV infection has been modifying both the epidemiology and...*5th November, 2009  
Department of Medical Laboratory Science, Gondar University, PO Box 196- BMC Infect Dis. 2009 Sep 18;9:155. ([DOI Direct Link](#))
- [Effect of Tillage and Rainfall on Transport of Manure-Applied Cryptosporidium parvum Oocysts Through Soil.](#)  
*Most waterborne outbreaks of cryptosporidiosis have been attributed to...*31st October, 2009  
Food Animal Health Research Program, The Ohio State Univ., Wooster, OH- J Environ Qual. 2009 Oct 29;38(6):2394-401. Print 2009 Nov-Dec. ([DOI Direct Link](#))
- [\[The occurrence of Cryptosporidium spp. in synanthropic flies in urban and rural environments\]](#)  
*This study was carried out to determine the role of non-biting...*28th October, 2009  
Zakad Parazytologii Tropikalnej, Miedzywydzialowy Instytut Medycyny- Wiad Parazytol. 2009;55(3):231-6.
- [\[Cryptosporidiosis: an emerging zoonosis\]](#)  
*The genus Cryptosporidium, responsible for producing cryptosporidiosis,...*17th October, 2009  
Catedra de Microbiologia y Parasitologia, Facultad de Ciencias Medicas,- Rev Argent Microbiol. 2009 Jun-Sep;41(3):185-96.
- [Oligonucleotide-gold nanoparticle networks for detection of Cryptosporidium parvum HSP70 mRNA.](#)  
*We report a novel strategy to detect mRNA targets derived from...*16th October, 2009  
Department of Bioengineering, Rice University, Houston, TX; Infectious- J Clin Microbiol. 2009 Oct 14. ([DOI Direct Link](#))
- [Prevalence and Molecular Characterization of Cryptosporidium spp. in Wild, Laboratory, and Pet Rodents in China.](#)  
*To understand the prevalence of Cryptosporidium infection in rodents in...*13th October, 2009  
College of Animal Science and Veterinary Medicine, Henan Agricultural- Appl Environ Microbiol. 2009 Oct 9. ([DOI Direct Link](#))
- [A study of neonatal cryptosporidiosis of foals in New Zealand.](#)  
*AIM: To assess the occurrence of Cryptosporidium oocysts in faecal...*6th October, 2009  
Institute of Veterinary, Animal and Biomedical Sciences, Massey- N Z Vet J. 2009 Oct;57(5):284-9.
- [Cryptosporidium surveillance and risk factors in the United States.](#)  
*Surveillance for Cryptosporidium in the United States indicates that the...*30th September, 2009  
Division of Parasitic Diseases, Centers for Disease Control and- Exp Parasitol. 2009 Sep 26. ([DOI Direct Link](#))

## BioNews Results for Cryptosporidiosis

- [Cryptosporidiosis](#)  
*British Medical Journal: Oct 19 2009 1:03PM Matching: cryptosporidiosis*
- [Simultaneous detection of serum immunoglobulin G antibodies to Cryptosporidium parvum by multiplex microbead i](#)  
*DiagnosticMicrobiology and Infectious Disease: Oct 12 2009 9:12PM Matching: cryptosporidiosis*

## Cryptosporidiosis Clinical Trials:



- [Treatment of Chronic Cryptosporidiosis in AIDS Patients](#)



## Cryptosporidiosis Patents:

- 7455840- [Compositions and methods to reduce mutagenesis](#)
- 7501123- [Human G-protein chemokine receptor \(CCR5\) HDGNR10](#)
- 7504105- [Treatment using antibodies to cytokine receptor common gamma chain like](#)
- 7504481- [TRP channel family member, LTRPC3 polypeptides](#)
- 7507413- [Albumin fusion proteins](#)
- 7507414- [Albumin fusion proteins](#)
- 7514079- [Antibodies that specifically bind to neurokinin B](#)
- 7521424- [Albumin fusion proteins](#)
- 7524835- [Tetrol steroids and esters](#)
- 7531517- [Inhibitors of cancer cell, T-cell and keratinocyte proliferation](#)
- 7541434- [Polypeptide for a TRP channel family member, TRP-PLIK2, and splice variants](#)
- 7498409- [Screening assay for TLR7, TLR8 and TLR9 agonists and antagonists](#)
- 7498027- [Methods of treatment using human tumor necrosis factor receptor TR17 antibodies](#)
- 7495569- [Composition for sanitizing hands and a method for verifying and monitoring hand washing and sanitizing practices](#)
- 7455975- [Electrochemical detection of nucleic acid sequences](#)
- 7456256- [BGS 4](#)
- 7459531- [50 Human secreted proteins](#)
- 7459532- [Variants of the TRP channel family member, LTRPC3G](#)
- 7465568- [Essential fungal polynucleotides, polypeptides, and methods of use](#)
- 7465707- [Methods of treatment with TR10 polypeptides](#)
- 7470898- [Monitoring drinking water quality using differential mobility spectrometry](#)
- 7482013- [Albumin fusion proteins](#)
- 7482442- [HEMCM42 nucleic acids](#)
- 7485432- [Selective modulation of TLR-mediated biological activity](#)
- 7544697- [Pyrazolopyridines and analogs thereof](#)
- 7547508- [Use of nanosecond scale, time-resolved, imaging to differentiate contemporaneous fluorescence responses from multiple substances](#)
- 7582621- [Boron-containing small molecules](#)
- 7588774- [Molecules enhancing dermal delivery of influenza vaccines](#)
- 7592010- [Albumin fusion proteins](#)
- 7595038- [Methods of treatment using antibodies to follistatin-3](#)
- 7595079- [Nutritional conjunctive support therapy for recovery in animals following stress or illness](#)
- 7597891- [Synthesis of human secretory IgA for the treatment of Clostridium difficile associated diseases](#)
- 7598230- [Nucleotide mimics and their prodrugs](#)
- 7598348- [Adiponectin receptor variant, AdipoR2v2](#)
- 7598382- [Aryl substituted imidazoquinolines](#)
- 7601745- [Heterocyclic NF-kB inhibitors](#)

- 7579359- [1-alkoxy 1H-imidazo ring systems and methods](#)
- 7579324- [Conjugates of biologically active compounds, methods for their preparation and use, formulation and pharmaceutical applications thereof](#)
- 7575754- [Avian E. coli vaccine for protection against colibacillosis](#)
- 7548839- [System for animal health diagnosis](#)
- 7552039- [Method for sample processing and integrated reporting of dog health diagnosis](#)
- 7553866- [Thiolactones](#)
- 7553932- [Methods of treating viral infection with IL-10 receptor antagonists](#)
- 7556830- [Medicinal herbal composition for treating infection](#)
- 7566447- [Biocides](#)
- 7569384- [Albumin fusion proteins](#)
- 7569573- [Diketo acids with nucleobase scaffolds: anti-HIV replication inhibitors targeted at HIV integrase](#)
- 7572589- [Diagnosis and treatment of infectious diseases through indel-differentiated proteins](#)
- 7572618- [Polynucleotides encoding novel PCSK9 variants](#)
- 7612083- [Urea substituted imidazoquinoline ethers](#)

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