

Sarcomastigophora

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The phylum Sarcomastigophora includes many unicellular or colonial, autotrophic, or heterotrophic organisms. The two main sub-phyla are Mastigophora and Sarcodina. ([From the Wikipedia article Sarcomastigophora](#).)



Recent Publications on Sarcomastigophora:

- [Trypanosoma irwini n. sp \(Sarcomastigophora: Trypanosomatidae\) from the koala \(Phascolarctos cinereus\).](#)
The morphology and genetic characterization of a new species of... 3rd October, 2009
Division of Health Sciences, School of Veterinary and Biomedical Sciences,- Parasitology. 2009 Jul;136(8):875-85. ([DOI Direct Link](#))
- [Development of a diagnostic PCR to detect Neoparamoeba perurans, agent of amoebic gill disease.](#)
The recent description of Neoparamoeba perurans as an aetiological agent... 5th November, 2008
School of Aquaculture, Tasmanian Aquaculture and Fisheries Institute,- J Fish Dis. 2008 Apr;31(4):285-95. ([DOI Direct Link](#))
- [Forest fragmentation, the decline of an endangered primate, and changes in host-parasite interactions relative to an unfragmented forest.](#)
Forest fragmentation may alter host-parasite interactions in ways that... 5th November, 2008
Program in Ecology and Evolutionary Biology, Department of Anthropology,- Am J Primatol. 2008 Mar;70(3):222-30. ([DOI Direct Link](#))
- [Transcriptome analyses of amoebic gill disease-affected Atlantic salmon \(Salmo salar\) tissues reveal localized host gene suppression.](#)
The transcriptome response of Atlantic salmon (Salmo salar) displaying... 26th September, 2008
CSIRO National Food Futures Flagship, CSIRO Marine and Atmospheric- Mar Biotechnol (NY). 2008 Jul-Aug;10(4):388-403. Epub 2008 Jan 25. ([DOI Direct Link](#))
- [Major histocompatibility polymorphism associated with resistance towards amoebic gill disease in Atlantic salmon \(Salmo salar L.\).](#)
The association between major histocompatibility (MH) polymorphism and the... 30th August, 2008
CSIRO Marine and Atmospheric Research, CSIRO Food Futures Flagship, Hobart- Fish Shellfish Immunol. 2007 Jun;22(6):707-17. Epub 2006 Sep 15. ([DOI Direct Link](#))
- [Increasing importance of Balamuthia mandrillaris.](#)
Balamuthia mandrillaris is an emerging protozoan parasite, an agent of... 8th August, 2008
School of Biological and Chemical Sciences, Birkbeck, University of- Clin Microbiol Rev. 2008 Jul;21(3):435-48. ([DOI Direct Link](#))
- [Neoparamoeba perurans is a cosmopolitan aetiological agent of amoebic gill disease.](#)
Previously we described a new member of the Neoparamoeba genus, N.... 20th June, 2008

School of Aquaculture, Tasmanian Aquaculture and Fisheries Institute, - Dis Aquat Organ. 2008 Jan 24;78(3):217-23.

- [First cases of amoebic gill disease \(AGD\) in Norwegian seawater farmed Atlantic salmon, *Salmo salar* L., and phylogeny of the causative amoeba using 18S cDNA sequences.](#)
*Amoebic gill disease (AGD) was observed in seawater farmed Atlantic salmon...*17th April, 2008
Section for Fish Health, National Veterinary Institute, Oslo, Norway.- J Fish Dis. 2008 Mar;31(3):205-14. ([DOI Direct Link](#))
- [Disseminated *Balamuthia mandrillaris* amoeba infection in an AIDS patient from Brazil.](#)
*This report describes a 32-year-old male AIDS patient. He presented with a...*15th February, 2008
Department of Infectious Diseases, Federal University of the Triangulo- Am J Trop Med Hyg. 2007 Dec;77(6):1096-8.
- [\[Nutritional evaluation of children with enteroparasitosis\]](#)
*PURPOSE: To evaluate the nutritious state in children of low...*18th December, 2007
Pos-Graduacao em- Acta Cir Bras. 2005;20 Suppl 1:57-62.
- [Characterization of *Neoparamoeba pemaquidensis* strains: PCR-RFLP of the internal transcribed spacer region from the amoeba and endosymbiont.](#)
*Neoparamoeba pemaquidensis continues to be an ongoing problem for...*24th October, 2007
AVC Lobster Science Centre, Atlantic Veterinary College, University of- Dis Aquat Organ. 2007 Jun 29;76(2):141-9.
- [A preliminary study of natural and experimental infection of the lesser mealworm *Alphitobius diaperinus* \(Coleoptera: Tenebrionidae\) with *Histomonas meleagridis* \(Protozoa: Sarcocystidae\).](#)
*Histomonas meleagridis is a protozoan parasite causing histomoniasis...*4th October, 2007
UMR 958 Protozoaires Entericoles des Volailles, INRA-ENVL, Marcy L'Etoile,- Avian Pathol. 2007 Aug;36(4):279-82. ([DOI Direct Link](#))
- [Molecular identification of free-living amoebae of the Vahlkampfiidae and Acanthamoebidae isolated in Arizona \(USA\).](#)
*Sediment samples from rivers, canals and lakes in Arizona (USA) were...*2nd May, 2007
Scientific Institute of Public Health, B-1050 Brussels, Belgium.- Eur J Protistol. 2007 Jan;43(1):9-15.
Epub 2006 Sep 20. ([DOI Direct Link](#))
- [Current therapeutics, their problems, and sulfur-containing-amino-acid metabolism as a novel target against infections by "amitochondriate" protozoan parasites.](#)
*The "amitochondriate" protozoan parasites of humans *Entamoeba histolytica*,...*28th March, 2007
Department of Parasitology, Gunma University Graduate School of Medicine,- Clin Microbiol Rev. 2007 Jan;20(1):164-87. ([DOI Direct Link](#))
- [Concentration effects of *Winogradskyella* sp. on the incidence and severity of amoebic gill disease.](#)
*To study the concentration effects of the bacterium *Winogradskyella* sp. on...*16th March, 2007
School of Aquaculture and Aquafin CRC, University of Tasmania, Locked Bag- Dis Aquat Organ. 2006 Nov 21;73(1):43-7.

Sarcocystidae Clinical Trials:



- [Prevalence of Chagas Disease in Immigrant Patients With Conduction Abnormalities on Electrocardiogram](#)



Sarcomastigophora Patents:

- 5057314- [Low molecular weight antiviral factors](#)
- 5683888- [Modified bioluminescent proteins and their use](#)
- 5693771- [Methods for making nucleoside analogs](#)
- 5717095- [Nucleotide analogs](#)
- 5750729- [Compounds and methods for making and using same](#)
- 5753235- [Recombinant canine herpesviruses](#)
- 5767100- [Compounds and methods for making and using same](#)
- 5798340- [Nucleotide analogs](#)
- 5804197- [Recombinant canine herpesviruses](#)
- 5886179- [Nucleotide analogs](#)
- 5977061- [N.sup.6 - substituted nucleotide analogues and their use](#)
- 5659023- [Nucleotide analogues](#)
- 5656745- [Nucleotide analogs](#)
- 5585403- [Sterilizing agent for preventing coccidiosis in animals](#)
- 5114938- [Parasitocidal substituted hexahydro-1,2,4-triazinediones and use thereas](#)
- 5141938- [Parasitocidal substituted 1,2,4-triazinediones](#)
- 5196450- [Method of inhibiting protozoal growth](#)
- 5196562- [Substituted 1,3,5-triazinetriones, for use against parasitic protozoa](#)
- 5214043- [Parasitocidal substituted hexahydro-1,2,4-triazinediones](#)
- 5256631- [Substituted 1,2,4-triazinediones, and their use](#)
- 5482956- [Method of treating parastic protozoa with substituted benzimidazoles](#)
- 5494912- [9-purinyl phosphonic acid derivatives for treating gout](#)
- 5527803- [9-purinyl phosphonic acid derivatives](#)
- 5538978- [9-purinyl phosphonic acid derivatives](#)
- 6020144- [Sustained delivery device comprising a Leishmania protozoa and methods of making and using the same](#)
- 6034116- [Mixtures of substituted benzimidazoles with polyether antibiotics or synthetic coccidiostats as agents for use against parasitic protozoa](#)
- 6949567- [Compounds for the treatment of protozoal diseases](#)
- 7041813- [Canine herpes virus alpha transinducing factor nucleic acid molecules](#)
- 7071355- [Compounds as anti-inflammatory, immunomodulatory and anti-proliferatory agents](#)
- 7087728- [Carbohydrate crosslinked glycoprotein crystals](#)
- 7176241- [Compounds as anti-inflammatory, immunomodulatory and anti-proliferatory agents](#)
- 7247736- [Method of identifying inhibitors of DHODH](#)
- 7276606- [Phenanthridine analogues and uses thereof](#)
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- 7439350- [Nucleotide analogs](#)
- 7531517- [Inhibitors of cancer cell, T-cell and keratinocyte proliferation](#)
- 6620833- [Substituted benzimidazoles, production and use thereof as agents for combating parasitic protozoas](#)
- 6610478- [Phenotypic conversion of cells mediated by external guide sequences](#)
- 6573060- [Methods and compositions for targeting DNA metabolic processes using aminoglycoside derivatives](#)
- 6159478- [Recombinant canine herpesviruses](#)

- 6225460- [Nucleotide analogs](#)
- 6359118- [Carbohydrate crosslinked glycoprotein crystals](#)
- 6410250- [Sustained delivery device and methods of making and using the same](#)
- 6440665- [Modified bioluminescent proteins and their use](#)
- 6500933- [Methods of preparing carbohydrate crosslinked glycoprotein crystals](#)
- 6537791- [Mammalian DNA-dependent ATPase a polypeptides and fusions thereof](#)
- 6552192- [Substituted nitrogen heterocyclic derivatives and pharmaceutical use thereof](#)
- 6558954- [Phenotypic conversion of cells mediated by external guide sequences](#)
- 6569881- [Substituted benzimidazole, the production thereof and the use thereof as means against parasitic protozoa](#)
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