

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.



Recent Publications on Sarcomastigophora:

- [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](#))
- [PCR for the identification and differentiation of *Histomonas meleagridis*, *Tetratrichomonas gallinarum* and *Blastocystis* spp.](#)
In the present investigation PCR assays were developed for the rapid... 1st August, 2008
Department for Farm Animals and Herd Management, Clinic for Avian, Reptile- Vet Parasitol. 2006 Dec 20;142(3-4):223-30. Epub 2006 Aug 21. ([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* \(Protozoa: Sarcocystidophora\).](#)
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.
- [The distribution of the intestinal parasitic diseases in the Southeast Anatolian \(GAP=SEAP\) region of Turkey.](#)
*OBJECTIVES: The physical alterations put in place by the Southeastern...*22nd December, 2006
Department of Parasitology, Ege University Medical Faculty, Bornova/Izmir,- Parasitol Res. 2006 Jul;99(2):146-52. Epub 2006 Mar 7. ([DOI Direct Link](#))
- [The expression of immune-regulatory genes in rainbow trout, *Oncorhynchus mykiss*, during amoebic gill disease \(AGD\).](#)
*Amoebic gill disease (AGD) is an ectoparasitic disease caused by infection...*2nd September, 2006
School of Aquaculture, Tasmanian Aquaculture and Fisheries Institute and- Fish Shellfish Immunol. 2006 Mar;20(3):346-64. ([DOI Direct Link](#))
- [Cultured gill-derived *Neoparamoeba pemaquidensis* fails to elicit amoebic gill disease \(AGD\) in Atlantic salmon *Salmo salar*.](#)
*Amoebic gill disease (AGD) affects the culture of Atlantic salmon *Salmo...**29th March, 2006
Aquafin CRC, School of Aquaculture, University of Tasmania, Launceston,- Dis Aquat Organ. 2005 Sep 5;66(2):135-44.

Sarcocystidophora Clinical Trials:



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



Sarcomastigophora Patents:

- 4935423- [Substituted 1,2,4-triazinediones, processes for their preparation and their use](#)
- 5538978- [9-purinyl phosphonic acid derivatives](#)
- 5585403- [Sterilizing agent for preventing coccidiosis in animals](#)
- 5656745- [Nucleotide analogs](#)
- 5659023- [Nucleotide analogues](#)
- 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](#)
- 5527803- [9-purinyl phosphonic acid derivatives](#)
- 5494912- [9-purinyl phosphonic acid derivatives for treating gout](#)
- 5482956- [Method of treating parasitic protozoa with substituted benzimidazoles](#)
- 4968795- [Substituted 1,2,4-triazinediones, processes for their preparation and their use](#)
- 4988680- [Phosphonoalkylpurine derivatives](#)
- 5023260- [Substituted uracils, processes for their preparation and their use against parasitic protozoa](#)
- 5057314- [Low molecular weight antiviral factors](#)
- 5114938- [Parasitocidal substituted hexahydro-1,2,4-triazinediones and use thereof](#)
- 5141938- [Parasitocidal substituted 1,2,4-triazinediones](#)
- 5196450- [Method of inhibiting protozoal growth](#)
- 5196562- [Substituted 1,3,5-triazinetrienes, for use against parasitic protozoa](#)
- 5214043- [Parasitocidal substituted hexahydro-1,2,4-triazinediones](#)
- 5256631- [Substituted 1,2,4-triazinediones, and their use](#)
- 5798340- [Nucleotide analogs](#)
- 5804197- [Recombinant canine herpesviruses](#)
- 6569881- [Substituted benzimidazole, the production thereof and the use thereof as means against parasitic protozoa](#)
- 6573060- [Methods and compositions for targeting DNA metabolic processes using aminoglycoside derivatives](#)
- 6610478- [Phenotypic conversion of cells mediated by external guide sequences](#)
- 6620833- [Substituted benzimidazoles, production and use thereof as agents for combating parasitic protozoas](#)
- 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](#)
- 6558954- [Phenotypic conversion of cells mediated by external guide sequences](#)
- 6552192- [Substituted nitrogen heterocyclic derivatives and pharmaceutical use thereof](#)
- 6537791- [Mammalian DNA-dependent ATPase a polypeptides and fusions thereof](#)
- 5886179- [Nucleotide analogs](#)
- 5977061- [N.sup.6 - substituted nucleotide analogues and their use](#)

- 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](#)
- 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](#)
- 7276606- [Phenanthridine analogues and uses thereof](#)

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