

Leishmaniasis

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Leishmaniasis is a disease caused by protozoan parasites that belong to the genus *Leishmania* and is transmitted by the bite of certain species of sand fly, including flies in the genus *Lutzomyia* in the New World and *Phlebotomus* in the Old World. The disease was named in 1901 for the Scottish pathologist William Boog Leishman. This disease is also known as Leishmaniosis, Leishmaniose, leishmaniose, and formerly, Orient Boils, Baghdad Boil, kala azar, black fever, sandfly disease, Dum-Dum fever or espundia. Most forms of the disease are transmissible only from animals, but some can be spread between humans. Human infection is caused by about 21 of 30 species that infect mammals. These include the *L. donovani* complex with three species; the *L. mexicana* complex with 3 main species; *L. tropica*; *L. major*; *L. aethiopica*; and the subgenus *Viannia* with four main species (*braziliensis*, *L. guyanensis*, *L. panamensis*, and *L. peruviana*). The different species are morphologically indistinguishable, but they can be differentiated by isoenzyme analysis, DNA sequence analysis, or monoclonal antibodies. Visceral leishmaniasis is a severe form in which the parasites have migrated to the vital organs. ([From the Wikipedia article Leishmaniasis](#).)

Recent Publications on Leishmaniasis:



- [Structure of cyclophilin from *Leishmania donovani* bound to cyclosporin at 2.6 Å resolution: correlation between structure and thermodynamic data.](#)
Drug development against Leishmania donovani, the pathogen that causes... 20th November, 2009
Crystallography and Molecular Biology Division, Saha Institute of Nuclear- Acta Crystallogr D Biol Crystallogr. 2009 Nov 1;65(Pt 11):1187-1195. Epub ([DOI Direct Link](#))
- [Asymptomatic *Leishmania infantum* infection in a traditionally non-endemic area of North-western Italy \(Piemonte region\).](#)
The prevalence of Leishmania infantum specific antibodies and asymptomatic... 20th November, 2009
Department of Clinical and Biological Sciences, University of Torino,- J Clin Microbiol. 2009 Nov 18. ([DOI Direct Link](#))
- [Enhanced Susceptibility to *Leishmania* Infection in Resistant Mice in the Absence of Immediate Early Response Gene X-1.](#)
Immediate early response gene X-1 (IEX-1) is a stress-inducible gene... 20th November, 2009
Wellman Center for Photomedicine, Massachusetts General Hospital,- J Immunol. 2009 Nov 18. ([DOI Direct Link](#))
- [\[Multifocal cutaneous leishmaniasis due to *Leishmania infantum* under adalimumab therapy.\]](#)
Immediate early response gene X-1 (IEX-1) is a stress-inducible gene... 18th November, 2009
Service de dermatologie, hopital Henri-Mondor, 51, avenue du- Ann Dermatol Venereol. 2009 Nov;136(11):815-6. Epub 2009 Oct 9. ([DOI Direct Link](#))
- [The putative lipid raft modulator miltefosine displays immunomodulatory action in T-cell dependent dermal inflammation models.](#)

- Miltefosine is currently marketed for treatment of skin metastasis of...*18th November, 2009
Department of Pharmacology, Toxicology, and Pharmacy, University of- Eur J Pharmacol. 2009 Nov 13. ([DOI Direct Link](#))
- [Determinants of bednet ownership and use in visceral leishmaniasis-endemic areas of the Indian subcontinent.](#)
*Objective To document ownership and use of bednets with its determinants...*18th November, 2009
Epidemiology and Disease Control Unit, Department of Public Health,- Trop Med Int Health. 2009 Nov 16. ([DOI Direct Link](#))
 - [Antimalarial and antileishmanial activities of histone deacetylase inhibitors with triazole-linked cap group.](#)
*Histone deacetylase inhibitors (HDACi) are endowed with plethora of...*17th November, 2009
School of Chemistry and Biochemistry, Georgia Institute of Technology,- Bioorg Med Chem. 2009 Oct 27. ([DOI Direct Link](#))
 - [Sequence analysis and pcr-rflp profiling of the hsp70 Gene as a valuable tool for identifying Leishmania species associated with human leishmaniasis in Brazil.](#)
*Since the first report of the genus Leishmania, many species have been...*17th November, 2009
Laboratorio de Pesquisa em Leishmaniose, Instituto Oswaldo Cruz, FIOCRUZ,- Infect Genet Evol. 2009 Nov 10. ([DOI Direct Link](#))
 - [Phylogeny of Leishmania species based on the heat-shock protein 70 gene.](#)
*Fraga J, Montalvo AM, De Doncker S, Dujardin J-C, Van der Auwera G,...*17th November, 2009
Parasitology Department, Institute of Tropical Medicine Pedro Kouri, La- Infect Genet Evol. 2009 Nov 10. ([DOI Direct Link](#))
 - [Molecular Detection of Leishmania infantum in Wild Rodents \(Rattus norvegicus\) in Greece.](#)
*Summary Leishmania infantum and Leishmania tropica are the species...*17th November, 2009
Department of Veterinary Public Health, National School of Public Health,- Zoonoses Public Health. 2009 Nov 12. ([DOI Direct Link](#))
 - [Genotoxic effects of the antileishmanial drug glucantime\(\(R\)\).](#)
*Leishmaniasis is caused by species of the protozoan parasite Leishmania....*17th November, 2009
Genetics and Molecular Biology Laboratory, Department of Biology, Federal- Arch Toxicol. 2009 Nov 13. ([DOI Direct Link](#))
 - [Risk assessment for canine leishmaniasis spreading in the north of Italy.](#)
*The incidence of zoonotic visceral leishmaniasis has not only been...*13th November, 2009
Veterinary Services of Bolzano, Health Department of South Tyrol, Italy.- Geospat Health. 2009 Nov;4(1):115-27.
 - [Localized Cutaneous Leishmaniasis due to Leishmaniainfantum in a Patient Treated with Infliximab.](#)
*We report the first case of cutaneous leishmaniasis in a patient treated...*13th November, 2009
Service de Medecine Interne A, Centre Hospitalier Universitaire,- Dermatology. 2009 Nov 12. ([DOI Direct Link](#))
 - [Resolving lesions in human cutaneous leishmaniasis predominantly harbour CXCR3-positive Th1/Tc1 cells.](#)
*Abstract Background: Cutaneous leishmaniasis (CL) is an epidemic disease...*13th November, 2009
Department of Dermatology, Universitatsmedizin, Johannes- Br J Dermatol. 2009 Nov 10. ([DOI Direct Link](#))
 - [Uptake of Biodegradable Gel-Assisted LBL Nanomatrix by Leishmania donovani-Infected Macrophages.](#)
*The aim of this study was to develop novel gel-assisted layer-by-layer...*12th November, 2009
Pharmaceutics Division, Central Drug Research Institute, Chattar Manzil- AAPS PharmSciTech. 2009 Nov 11. ([DOI Direct Link](#))

- [The Antituberculosis Drug Pyrazinamide Affects the Course of Cutaneous Leishmaniasis In Vivo and Increases Activation of Macrophages and Dendritic Cells](#)
MDLinx: Nov 20 2009 11:06AM Matching: leishmaniasis
- [ChemBio Reports Third Quarter 2009 Results](#)
Pharmacy Choice: Nov 5 2009 5:40AM Matching: leishmaniasis
- [Medical News: New Insight In The Fight Against The Leishmania Parasite](#)
Medical News Today: Oct 29 2009 2:32PM Matching: leishmaniasis
- [New Insight In The Fight Against The Leishmania Parasite](#)
Medical News Today: Oct 29 2009 10:59AM Matching: leishmaniasis
- [Study Gives New Insight in the Fight Against the Leishmania Parasite](#)
MedIndia: Oct 25 2009 7:07AM Matching: leishmaniasis
- [Doctoral candidate sheds new light on the biology of Leishmania parasites](#)
News-Medical.Net: Oct 24 2009 6:41AM Matching: leishmaniasis
- [New insight in the fight against the Leishmania parasite](#)
Genetic Engineering News: Oct 23 2009 5:25PM Matching: leishmaniasis
- [BioDelivery Sciences Receives \\$1.3 Million US Army Grant For Investigation of Bioral Amphotericin B in Topical](#)
Pharma Live: Oct 6 2009 8:26PM Matching: leishmaniasis

Leishmaniasis Patents:



- 7576066- [Nucleic acid compositions for stimulating immune responses](#)
- 7592010- [Albumin fusion proteins](#)
- 7592147- [Modulation of IL-2 production by T-bet](#)
- 7595038- [Methods of treatment using antibodies to follistatin-3](#)
- 7595060- [Yeast-antigen compositions methods of making the same](#)
- 7595160- [Analyte detection using barcoded polymers](#)
- 7595174- [Polynucleotide encoding an il-29 polypeptide](#)
- 7595192- [Process for the production of temperature-induced tumor cell lysates for use as immunogenic compounds](#)
- 7595411- [Phospholipid-analogous compounds](#)
- 7598067- [PDEs and uses thereof](#)
- 7598230- [Nucleotide mimics and their prodrugs](#)
- 7589099- [7-t-butoxyiminomethylcamptothecin conjugated in position 20 with integrin antagonists](#)
- 7588919- [Polynucleotide encoding an IL-28B polypeptide](#)
- 7588918- [Polynucleotide encoding an IL-29 polypeptide](#)
- 7579009- [Whole bacterial cells as immune modulator](#)
- 7579148- [Methods and compositions for diagnosing or monitoring autoimmune and chronic inflammatory diseases](#)
- 7579324- [Conjugates of biologically active compounds, methods for their preparation and use, formulation and pharmaceutical applications thereof](#)
- 7579359- [1-alkoxy 1H-imidazo ring systems and methods](#)
- 7582292- [Adipose tissue derived stromal cells for the treatment of neurological disorders](#)
- 7582450- [Polynucleotide encoding an IL-29 polypeptide](#)

- 7582621- [Boron-containing small molecules](#)
- 7585512- [Composition and method of using tumor cells](#)
- 7585847- [Immunostimulatory nucleic acids for the treatment of asthma and allergy](#)
- 7585949- [IL-1 zeta splice variant polypeptide](#)
- 7598345- [Immunostimulatory compositions and methods](#)
- 7598348- [Adiponectin receptor variant, AdipoR2v2](#)
- 7608428- [Polynucleotide encoding an IL-28B polypeptide](#)
- 7608589- [Peptidyl diacylglycerides](#)
- 7611721- [Adjuvant combination formulations](#)
- 7611896- [Practical serological assay for the clinical diagnosis of Leishmaniasis](#)
- 7612080- [GTPase inhibitors and use thereof for controlling platelet hyperactivity](#)
- 7612083- [Urea substituted imidazoquinoline ethers](#)
- 7612181- [Dual variable domain immunoglobulin and uses thereof](#)
- 7612182- [Anti-IL-6 antibodies, compositions, methods and uses](#)
- 7615227- [Use of CpG oligodeoxynucleotides to induce angiogenesis](#)
- 7615359- [Copolymer 1 related polypeptides for use as molecular weight markers and for therapeutic use](#)
- 7608427- [Polynucleotide encoding an IL-28B polypeptide](#)
- 7608274- [Therapeutic processes and useful compositions therefor](#)
- 7608256- [Methods to increase transgene expression from bacterial-based delivery systems by co-expressing suppressors of the eukaryotic type I interferon response](#)
- 7598364- [Plasmid encoding canine BMP-7](#)
- 7598382- [Aryl substituted imidazoquinolines](#)
- 7601335- [Pretreatment of a biological sample from an autoimmune disease subject](#)
- 7601355- [Compositions and methods for altering immune function](#)
- 7601702- [Dutpase Inhibitors](#)
- 7601729- [Matrix metalloproteinase inhibitors](#)
- 7601745- [Heterocyclic NF-kB inhibitors](#)
- 7604936- [Methods and compositions for diagnosis and monitoring auto immune and chronic inflammatory diseases](#)
- 7605138- [Nucleic acid compositions for stimulating immune responses](#)
- 7605236- [Antibodies that immunospecifically bind to B lymphocyte stimulator protein](#)
- 7618629- [Manipulation of cytokine levels using CD83 gene products](#)

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