

Sporotrichosis

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Sporotrichosis is a disease caused by the infection of the fungus *Sporothrix schenckii*. This fungal disease usually affects the skin, although other rare forms can affect the lungs, joints, bones, and even the brain. Because roses can spread the disease, it is one of a few diseases referred to as rose-thorn or rose-gardeners' disease. Because *S. schenckii* is naturally found in soil, hay, sphagnum moss, and plants, it usually affects farmers, gardeners, and agricultural workers. It enters through small cuts and abrasions in the skin to cause the infection. In case of sporotrichosis affecting the lungs, the fungal spores enter through the respiratory pathways. Sporotrichosis can also be acquired from handling cats with the disease; it is an occupational hazard for veterinarians. Sporotrichosis progresses slowly - the first symptoms may appear 1 to 12 weeks after the initial exposure to the fungus. Serious complications can also develop in patients who have a compromised immune system. ([From the Wikipedia article Sporotrichosis.](#))

Recent Publications on Sporotrichosis:



- [Sporotrichosis: a retrospective evaluation of 23 cases seen in northern California \(1987-2007\).](#)
Sporotrichosis is an uncommon to rare cutaneous and subcutaneous mycosis... 18th November, 2009
Department of Medicine and Epidemiology, Veterinary Medical Teaching- Vet Dermatol. 2009 Aug;20(4):249-59. ([DOI Direct Link](#))
- [A fixed sporotrichosis with an asteroid body next to a vegetal fragment.\]](#)
This paper reviews the literature on the analysis of vegetable (and... 17th November, 2009
Micologia Medica, Hospital General Dr. Manuel Gea Gonzalez, Mexico D.F.,- Rev Iberoam Micol. 2009 Nov 12. ([DOI Direct Link](#))
- [Spontaneous resolution of zoonotic sporotrichosis during pregnancy.](#)
Sporotrichosis is the most common deep mycosis in Latin America. The... 13th November, 2009
Department of Dermatology, Federal University of Pelotas, RS, Brazil.- Rev Inst Med Trop Sao Paulo. 2009 Jul-Aug;51(4):237-8.
- [Fixed cutaneous sporotrichosis.](#)
Sporotrichosis is a subcutaneous mycosis that is caused by Sporothrix... 7th November, 2009
Department of Dermatology, New York University, USA.- Dermatol Online J. 2009 Aug 15;15(8):5.
- [Role of melanin in the pathogenesis of cutaneous sporotrichosis.](#)
In this study, we evaluate the clinical, histopathological and ultra... 4th November, 2009
Departamento de Veterinaria Preventiva, Faculdade de Veterinaria,- Microbes Infect. 2009 Oct 31. ([DOI Direct Link](#))
- [Neonatal sporotrichosis.](#)
Sporotrichosis is caused by the dimorphic fungus, Sporothrix schenckii... 21st October, 2009
Department of Dermatology, New York University Langone Medical Center, New- Pediatr Dermatol. 2009 Sep-Oct;26(5):563-5. ([DOI Direct Link](#))

- [Different virulence levels of the species of Sporothrix in a murine model.](#)
A comparative study on the experimental pathogenicity of five species of... 17th October, 2009
Pathology Unit, Facultat de Medicina i Ciències de la Salut, Universitat- Clin Microbiol Infect. 2009
Jul;15(7):651-5. Epub 2009 Jul 14. ([DOI Direct Link](#))
- [Oral potassium iodide for the treatment of sporotrichosis.](#)
BACKGROUND: Sporotrichosis is a subacute or chronic disease, usually... 13th October, 2009
Clinical Dermatology, West China Hospital, Sichuan University, No. 37, Guo- Cochrane Database Syst
Rev. 2009 Oct 7;(4):CD006136. ([DOI Direct Link](#))
- [Molecular characterisation of Sporothrix schenckii isolates from humans and cats involved in the sporotrichosis epidemic in Rio de Janeiro, Brazil.](#)
An epidemic of sporotrichosis, a subcutaneous mycosis caused by the fungus... 13th October, 2009
Laboratorio de Micologia, Instituto de Pesquisa Clinica Evandro- Mem Inst Oswaldo Cruz. 2009
Aug;104(5):769-74.
- [\[Simultaneous bilateral lymphangitic sporotrichosis.\]](#)
BACKGROUND: Sporotrichosis is the most frequent subcutaneous mycoses in... 13th October, 2009
Instituto Dermatologico de Jalisco "Dr. Jose Barba Rubio", Centro de- Rev Iberoam Micol. 2009 Oct 7. ([DOI Direct Link](#))
- [Subcutaneous nodules with sporotrichoid spread.](#)
BACKGROUND: Mycobacterium marinum is an atypical mycobacterium found... 2nd October, 2009
Des Moines University College of Osteopathic Medicine and Surgery, Des- Dermatol Online J. 2009
May 15;15(5):11.
- [Cell surface expression of adhesins for fibronectin correlates with virulence in Sporothrix schenckii.](#)
The virulence of four Sporothrix schenckii isolates was compared in a... 19th September, 2009
Departamento de Biologia Celular, Instituto de Biologia Roberto Alcantara- Microbiology. 2009
Nov;155(Pt 11):3730-8. Epub 2009 Sep 17. ([DOI Direct Link](#))
- [Response of macrophage Toll-like receptor 4 to a Sporothrix schenckii lipid extract during experimental sporotrichosis.](#)
Toll-like receptors have been implicated in the recognition of various... 11th September, 2009
Departamento de Analises Clinicas, Faculdade de Ciencias Farmaceuticas de- Immunology. 2009
Oct;128(2):301-9. ([DOI Direct Link](#))
- [Sporotrichosis.](#)
Sporotrichosis is the most common deep mycosis in Latin America. The... 1st September, 2009
University of California, Irvine School of Medicine, Department of- West J Emerg Med. 2009
Aug;10(3):204.
- [Identification of Sporothrix schenckii of various mtDNA types by Nested PCR Assay.](#)
We employed a nested PCR assay to detect Sporothrix schenckii DNA of 38... 25th July, 2009
Department of Dermatology, No.1 Hospital of China Medical University,- Med Mycol. 2009 Jul 22:1-5. ([DOI Direct Link](#))

BioNews Results for Sporotrichosis

- [Fixed Cutaneous Sporotrichosis](#)
Medscape: Nov 11 2009 11:54PM Matching: sporotrichosis



Sporotrichosis Patents:

- 7087424- [Method of controlling fungal pathogens, and agents useful for same](#)
- 7247472- [Simian adenovirus nucleic acid and amino acid sequences, vectors containing same, and methods of use](#)
- 7248716- [Imaging system, methodology, and applications employing reciprocal space optical design](#)
- 7250504- [Class II human histone deacetylases, and uses related thereto](#)
- 7258878- [Anti-microbial composition and methods of use thereof](#)
- 7259167- [Antimalarial and antiproliferative pharmacophore models, novel tryptanthrin compounds having increased solubility, and methods of making and using thereof](#)
- 7262342- [FUS6 nucleic acid molecules and methods of their use in enhancing disease resistance in plants](#)
- 7268155- [Photosensitizer conjugates for pathogen targeting](#)
- 7282199- [Adeno-associated virus \(AAV\) serotype 8 sequences, vectors containing same, and uses therefor](#)
- 7291498- [Methods of generating chimeric adenoviruses and uses for such chimeric adenoviruses](#)
- 7323623- [RHIZOC3 nucleic acid molecules](#)
- 7238781- [Plant defensin polynucleotides and methods of use thereof](#)
- 7232667- [Keratinocyte growth factor-2 polynucleotides](#)
- 7220728- [Methods of inducing mucosal immunity](#)
- 7101990- [Bax-responsive genes for drug target identification in yeast and fungi](#)
- 7109464- [Semiconductor imaging system and related methodology](#)
- 7112565- [Stabilized pharmaceutical composition in lyophilized form](#)
- 7122776- [Imaging system for examining biological material](#)
- 7151246- [Imaging system and methodology](#)
- 7198951- [Adeno-associated virus \(AAV\) serotype 9 sequences, vectors containing same, and uses therefor](#)
- 7199227- [Polynucleotides encoding human histone deacetylase HDAC9c](#)
- 7202214- [Rhizoc3 antimicrobial polypeptides and their uses](#)
- 7202227- [Multifunctional molecular complexes for gene transfer to cells](#)
- 7205453- [Crop plant cystatin proteinase inhibitors encoding nucleic acids and methods of use](#)
- 7326691- [Compositions comprising amphotericin B, methods, and systems](#)
- 7338168- [Particle analyzing system and methodology](#)
- 7498298- [Monomethylvaline compounds capable of conjugation to ligands](#)
- 7514099- [Lipid nanoparticle based compositions and methods for the delivery of biologically active molecules](#)
- 7521044- [Human histone deacetylase, HDAC9c](#)
- 7553805- [Methods and compositions for treating viral, fungal, and bacterial infections](#)
- 7553816- [p-amidobenzylethers in drug delivery agents](#)
- 7572776- [N-\(phosphonoalkyl\)-amino acids, derivatives thereof and compositions and methods of use](#)
- 7582621- [Boron-containing small molecules](#)
- 7588753- [Synergistically pro-penetrating solutions for unguual/peri-ungual dermatological/cosmetic applications](#)
- 7588774- [Molecules enhancing dermal delivery of influenza vaccines](#)
- 7601332- [Vitamin receptor binding drug delivery conjugates](#)
- 7491743- [Inhibitors of cellular necrosis](#)

- 7491508- [Methods of generating chimeric adenoviruses and uses for such chimeric adenoviruses](#)
- 7446189- [Nucleic acids encoding mutant human CD80 and compositions comprising the same](#)
- 7344872- [Method for rapid screening of bacterial transformants and novel simian adenovirus proteins](#)
- 7351739- [Bioactive compounds and methods of uses thereof](#)
- 7354584- [Recombinant IL-9 antibodies](#)
- 7359748- [Apparatus for total immersion photography](#)
- 7375081- [Therapeutic combination of a pneumocandin derivative and an antifungal agent](#)
- 7385059- [3,4-disubstituted 1H-pyrazole compounds and their use as cyclin dependent kinase and glycogen synthase kinase-3 modulators](#)
- 7393534- [Compositions and methods for immunotherapy of cancer and infectious diseases](#)
- 7396980- [Defensin polynucleotides and methods of use](#)
- 7404969- [Lipid nanoparticle based compositions and methods for the delivery of biologically active molecules](#)
- 7429575- [N-\(phosphonoalkyl\)-amino acids, derivatives thereof and compositions and methods of use](#)
- 7601512- [Methods for identifying inhibitors of the 20S and 26S proteasome](#)

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