

# Maduromycosis

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Maduromycosis is a mycetoma infection of the extremities. Some sources restrict the definition to infections of the foot. According to MeSH, it can be caused by bacteria or fungi:\* The fungal type is caused by *Exophiala jeanselmei*.\* The bacterial type is caused by *Nocardia brasiliensis*, of the Actinobacteria phylum. However, according to ICD-10, "Maduromycosis" is classified at B47.0, under Eumycetoma, while B47.1 is reserved for Actinomycetoma, and B47.9 for "Mycetoma, unspecified", implying that the ICD-10 definition excludes a bacterial cause.

## Recent Publications on Maduromycosis:



- [Actinomycetoma with negative culture: a therapeutic challenge.](#)  
*Nocardia, Actinomyces, and Streptomyces species comprise the three broad...* 2nd October, 2008  
Department of Dermatology, Baylor College of Medicine, Houston, TX, USA.- *Dermatol Online J.* 2008 Apr 15;14(4):5.
- [Breakthrough disseminated \*Scedosporium prolificans\* infection in a patient with relapsed leukaemia on prolonged voriconazole followed by posaconazole prophylaxis.](#)  
*A man with acute lymphoblastic leukaemia developed disseminated...* 1st October, 2008  
Victorian Infectious Diseases Service, Royal Melbourne Hospital,- *Mycopathologia.* 2008 Aug;166(2):83-6. Epub 2008 May 30. ([DOI Direct Link](#))
- [\[Madura foot\]](#)  
*ABSTRACT: It has been long since French physician Jean-Baptiste Denys...* 26th September, 2008  
Departement d'anesthesie-reanimation, hopital d'instruction des Armees du- *Rev Prat.* 2008 May 15;58(9):939.
- [Caspofungin-mediated beta-glucan unmasking and enhancement of human polymorphonuclear neutrophil activity against \*Aspergillus\* and non-\*Aspergillus\* hyphae.](#)  
*BACKGROUND: We investigated whether caspofungin and other echinocandins...* 14th August, 2008  
Department of Infectious Diseases, Infection Control, and Employee Health,- *J Infect Dis.* 2008 Jul 15;198(2):186-92. ([DOI Direct Link](#))
- [Practical method for detection and identification of \*Candida\*, \*Aspergillus\*, and \*Scedosporium\* spp. by use of rolling-circle amplification.](#)  
*A sensitive rolling-circle amplification (RCA)-based method utilizing...* 13th August, 2008  
Department of Dermatology, Research Laboratory for Infectious Skin- *J Clin Microbiol.* 2008 Jul;46(7):2423-7. Epub 2008 May 21. ([DOI Direct Link](#))
- [\[MRI features of mycetoma of the foot: report of two cases and review of the literature\]](#)  
*A 69-year-old man treated with corticosteroids and immunosuppressive...* 2nd August, 2008  
Service de Radiologie, hopital Sahloul, 4002 Hammam Sousse, Tunisie.- *J Radiol.* 2008 Mar;89(3 Pt 1):339-42. ([DOI Direct Link](#))

- [Fungal vertebral osteomyelitis due to \*Scedosporium apiospermum\* after near-drowning.](#)  
*Near-drowning predisposes one to infection by the fungus *Scedosporium*...*30th July, 2008  
The Neurosciences Institute, Division of Neurosurgery, Albany Medical- J Neurosurg Spine. 2008 Jul;9(1):58-61. ([DOI Direct Link](#))
- [\[Case of cutaneous \*Pseudallescheria boydii\* infection caused by trauma\]](#)  
*Pseudallescheria boydii is a ubiquitous filamentous fungus. We report a...*30th July, 2008  
Shizuoka Municipal Shimizu Hospital, Shizuoka, Japan.- Nippon Ishinkin Gakkai Zasshi. 2008;49(2):119-23.
- [Incidence and changing pattern of mycetoma in western Rajasthan.](#)  
*Histopathologic analysis of 73 cases of mycetoma occurring in western...*30th July, 2008  
Department of Pathology, Dr. Sampurnanand Medical College, Jodhpur,- Indian J Pathol Microbiol. 2008 Jan-Mar;51(1):154-5.
- [Pseudallescheria boydii or Aspergillus fumigatus in a lady with an unresolving lung infiltrate, and a literature review.](#)  
*A 53-year-old lady with blood-stained sputum and pleuritic pain had a...*30th July, 2008  
Division of Respiratory and Critical Care Medicine, Department of- Respiriology. 2008 May;13(3):478-80. ([DOI Direct Link](#))
- [Pseudallescheria fusoidea, a new cause of osteomyelitis.](#)  
*Osteomyelitis resulting from a mold infection often presents as a chronic...*24th July, 2008  
Mycotic Diseases Branch, Division of Foodborne, Bacterial, and Mycotic- J Clin Microbiol. 2008 Jun;46(6):2141-3. Epub 2008 Apr 23. ([DOI Direct Link](#))
- [Cerebral mycetoma with cranial osteomyelitis.](#)  
*Craniocerebral maduromycetoma is extremely rare. The authors describe a...*11th July, 2008  
Department of Neurosurgery, Nizam's Institute of Medical Sciences,- J Neurosurg Pediatrics. 2008 Jun;1(6):493-5. ([DOI Direct Link](#))
- [Cytodiagnosis of eumycotic mycetoma: a case report.](#)  
*BACKGROUND: Mycetoma is a late-stage clinical manifestation of a...*4th July, 2008  
Department of Pathology, Mahatma Gandhi Institute of Medical Sciences,- Acta Cytol. 2008 May-Jun;52(3):354-6.
- [Imaging diagnosis--sublumbar pseudomycetoma in a Persian cat.](#)  
*A 6-year-old Persian cat was examined for constipation, anorexia, and...*6th June, 2008  
Fifth Avenue Veterinary Specialists, 1 West 15th Street, New York, NY- Vet Radiol Ultrasound. 2008 Mar-Apr;49(2):176-8.
- [\[Case of \*Scedosporium apiospermum\* cutaneous soft tissue infection treated with voriconazole\]](#)  
*A 69-year-old man treated with corticosteroids and immunosuppressive...*21st May, 2008  
Center for Infectious Diseases, Department of General Medicine, Nara- Kansenshogaku Zasshi. 2008 Mar;82(2):82-5.

## Maduromycosis Patents:



- 5770617- [Terbenzimidazoles useful as antifungal agents](#)
- 6333170- [Method and product for regulating cell responsiveness to external signals](#)
- 6387642- [Method for identifying a reagent that modulates Myt1 activity](#)
- 6423519- [Compositions and methods for inhibiting fungal growth](#)

- 6455281- [Nucleic acids for identifying anti-fungal agents, and uses related thereto](#)
- 6464974- [Immunosuppressant target proteins](#)
- 6506594- [Detection of nucleic acid sequence differences using the ligase detection reaction with addressable arrays](#)
- 6509152- [Immunosuppressant target proteins](#)
- 6576453- [Thermostable DNA ligase mutants](#)
- 6693077- [Keratinocyte growth factor-2](#)
- 6696280- [Candida geranylgeranyl-protein transferase polypeptide, compositions and methods related thereto](#)
- 6312892- [High fidelity detection of nucleic acid differences by ligase detection reaction](#)
- 6277564- [Assays and reagents for identifying anti-fungal agents, and uses related thereto](#)
- 6271197- [Assays and reagents for identifying anti-fungal agents, and uses related thereto](#)
- 5902722- [Method of detecting organisms in a sample](#)
- 6020194- [DNA encoding a Myt1 polypeptide](#)
- 6027889- [Detection of nucleic acid sequence differences using coupled ligase detection and polymerase chain reactions](#)
- 6117641- [Assays and reagents for identifying anti-fungal agents and uses related thereto](#)
- 6127521- [Immunosuppressant target proteins](#)
- 6150137- [Immunosuppressant target proteins](#)
- 6225101- [Isolated Myt1 polypeptide](#)
- 6228575- [Chip-based species identification and phenotypic characterization of microorganisms](#)
- 6251585- [Assay and reagents for identifying anti-proliferative agents](#)
- 6268148- [Detection of nucleic acid sequence differences using coupled ligase detection and polymerase chain reactions](#)
- 6727082- [Assays and reagents for identifying anti-fungal agents, and uses related thereto](#)
- 6747128- [Components of ubiquitin ligase complexes, and uses related thereto](#)
- 7244831- [High fidelity detection of nucleic acid differences by ligase detection reaction](#)
- 7250504- [Class II human histone deacetylases, and uses related thereto](#)
- 7255994- [Ligation assay](#)
- 7312039- [Detection of nucleic acid sequence differences using coupled ligase detection and polymerase chain reactions](#)
- 7320865- [Detection of nucleic acid sequence differences using coupled ligase detection and polymerase chain reactions](#)
- 7332285- [Detection of nucleic acid sequence differences using coupled ligase detection and polymerase chain reactions](#)
- 7359748- [Apparatus for total immersion photography](#)
- 7364858- [Detection of nucleic acid sequence differences using coupled ligase detection and polymerase chain reactions](#)
- 7385059- [3,4-disubstituted 1H-pyrazole compounds and their use as cyclin dependent kinase and glycogen synthase kinase-3 modulators](#)
- 7404969- [Lipid nanoparticle based compositions and methods for the delivery of biologically active molecules](#)
- 7232667- [Keratinocyte growth factor-2 polynucleotides](#)
- 7199227- [Polynucleotides encoding human histone deacetylase HDAC9c](#)
- 7166434- [Detection of nucleic acid sequence differences using coupled ligase detection and polymerase chain reactions](#)
- 6777217- [Histone deacetylases, and uses related thereto](#)
- 6797470- [Detection of nucleic acid sequence differences using coupled ligase detection and polymerase chain reactions](#)
- 6818614- [Compounds having antifungal activity](#)
- 6852487- [Detection of nucleic acid sequence differences using the ligase detection reaction with addressable arrays](#)
- 6858412- [Direct multiplex characterization of genomic DNA](#)

- 6949370- [High fidelity thermostable ligase and uses thereof](#)
- 6995007- [Antifungal bacterium ATCC PTA-4838](#)
- 7014994- [Coupled polymerase chain reaction-restriction-endonuclease digestion-ligase detection reaction process](#)
- 7083917- [Detection of nucleic acid sequence differences using the ligase detection reaction with addressable arrays](#)
- 7097980- [Detection of nucleic acid sequence differences using coupled ligase detection and polymerase chain reactions](#)
- 7429453- [Detection of nucleic acid sequence differences using coupled ligase detection and polymerase chain reactions](#)

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