
Pathogenic Mycoplasma**Abstract**

The invention relates to a novel pathogenic mycoplasma isolated from patients with Acquired Immune Deficiency Syndrome (AIDS) and its use in detecting antibodies in sera of AIDS patients, patients with AIDS-related complex (ARC) or patients dying of diseases and symptoms resembling AIDS diseases. The invention further relates to specific DNA sequences, antibodies against the pathogenic mycoplasma, and their use in detecting DNA or antigens of the pathogenic mycoplasma or other genetically and serologically closely related mycoplasmas in infected tissue of patients with AIDS or ARC or patients dying of symptoms resembling AIDS diseases. The invention still further relates to a variety of different forms of vaccine against mycoplasma infection in humans and/or animals.

Inventors: **Lo; Shyh-Ching** (Potomac, MD)

Assignee: **American Registry of Pathology** (Washington, DC)

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Intern'l Class:

C12N 005/00; C12N 005/02; C12N 001/00; C12Q 001/70

Field of Search:

435/870,5,872,240.2

Other References

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Primary Examiner: Nucker; Christine M.

Assistant Examiner: Preston; D. R.

Attorney, Agent or Firm: Venable, Baetjer, Howard & Civiletti

Government Interests

The invention described herein was made in the course of work under a grant or award from the United States Department of the Army.

Parent Case Text

CROSS-REFERENCE TO RELATED APPLICATIONS

This is a continuation-in-part of U.S. patent application Ser. No. 265,920, filed Nov. 2, 1988, now abandoned, which is a continuation-in-part of U.S. patent application Ser. No. 875,535, filed Jun. 18, 1986, now abandoned.

Claims

What is claimed is:

1. A biologically pure mycoplasma isolated from tissues of patients with AIDS comprising the mycoplasma produced by the cell line ATCC No. CRL 9127.
2. A biologically pure mycoplasma having the identifying characteristics of *M. fermentans incognitus*, ATCC 53949.