ABSTRACT

A Lactobacillus Crispatus and Application Thereof

The present invention discloses Lactobacillus crispatus 262-1 and an inoculum comprising such strain and application thereof. The Lactobacillus crispatus 262-1 is a new strain of Lactobacillus genus and is preserved in the China General Microbiological Culture Collection Center with a preservation number of CGMCC No. 6469. The Lactobacillus crispatus 262-1 particularly is the dominant bacteria in the vagina, has good acid and H_2O_2 production capability, good adhesion to the vaginal epithelial cells and significant resistance to bacterial vaginosis and various vaginal infections, and is characterized by safety, non-toxicity, good stability and long term preservation. The present invention also relates to the use of the Lactobacillus crispatus 262-1 in the preparation of pharmaceuticals for preventing and/or treating gynecological diseases and its application in feminine care products such as medical instruments, disinfect products or cosmetics.

(Figure 3D)