

The invention relates to biotechnology, in particular to a new mushroom strain, which may be used in the pharmaceutical industry for obtaining of medicinal preparations and in the food industry for obtaining of products with pronounced aroma of mushrooms.

It is proposed a new strain of the *Lentinus edodes* (Berk) Sing mushroom, deposited in the National Collection of Microorganisms of the Institute of Microbiology of the ASRM under the № CNM-FB-01 - biomass producer. The proposed strain possesses high productivity and pronounced specific aroma of mushrooms.