

**USE OF MYCELIUM OF *Phellinus linteus* GKPI IN MANUFACTURE OF
MEDICAMENT FOR TREATING OBESITY AND OBESITY-RELATED
METABOLIC DISORDERS
ABSTRACT OF THE DISCLOSURE**

The invention provides a use of a mycelium of *Phellinus linteus* GKPI in the manufacture of a medicament for treating obesity and obesity-related metabolic disorders. The *Phellinus linteus* GKPI treats obesity and obesity-related metabolic disorders by increasing an expression level of peroxisome proliferator-activated receptor gamma coactivator (PGC)-1 α and its downstream gene *in vitro*, thereby increasing an amount of the brown adipocytes.

FIG. 2