

ABSTRACT OF THE DISCLOSURE

USE OF A POLYSACCHARIDE MIXTURE FOR TREATING HYPERGLYCEMIA

Disclosed herein is a novel use of a polysaccharide mixture for the
5 treatment of hyperglycemia and/or disorders related thereto (e.g., diabetes
mellitus). The polysaccharide mixture comprises about 30-50% (wt%) of
 $\beta(1\rightarrow3)$ glucan and $\beta(1\rightarrow6)$ glucan, and has a molecular weight of at least
500,000. The polysaccharide mixture may be administered to a subject
suffering from hyperglycemia in a dose of about 1 to 1,000 mg/Kg to ameliorate
10 or alleviate symptoms associated with hyperglycemia.

(FIG. 4)