Effects of Ophiocordyceps sinensis mycelium on blood pressure in normal rats

Shih-Liang Chang
E-mail: slchang@mail.dyu.edu.tw

ABSTRACT

In ancient Chinese herbal records, Ophiocordyceps sinensis (Os) could not only protect the functions of the kidney and the lung, but also improve the pharmacological activity of immunity. Blood pressure is regulated by the sympathetic and parasympathetic nervous systems, and some previous researches indicated that medicinal fungi could affect the activity of the nervous system. Moreover, some studies found that Os could reduce adrenalin. However, the relation between Os and blood pressure regulation has not been confirmed in any researches so far. Therefore, this study aims to use normal rats to investigate the impact of Os mycelium on the blood pressure, which could be the preliminary test of the diabetes with the high blood pressure in advance.

Keywords: Ophiocordyceps sinensis、Blood pressure、Diabetes Mellitus

REFERENCES