Hypoglycemic Effect of Antrodia cinnamomea mycelium in Streptozocin induced insulin-dependent diabetic rats

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ABSTRACT

Recently studies reported Antrodia cinnamomea (AC) with the features such as anti-inflammation, anti-oxidation, antibacterial, immune modulation, antiviral and prevention of cardiovascular disease. etc. The insulin-dependent diabetes mellitus (IDDM) is a kind of metabolic problems that is failure to secrete insulin. Therefore, it needs to be treated insulin to regulate the plasma glucose. Also, AC had the potential of lowering hyperglycemia and hyperlipidemia in the folk medicine. In this research, the hypoglycemic effect of AC will be investigated in streptozocin (STZ) induced insulin-dependent diabetic rats.

Keywords: Key words: Antrodia cinnamomea, IDDM, Streptozotocin, Plasma glucose

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