UJI EFEK HIPOGLIKEMIK
SERBUK JAMU GANODERMA LUCIDIUM TERHADAP
TIKUS PUTIH JANTAN GALUR WISTAR

Telah dilakukan penelitian untuk membuktikan efek hipoglikemik serbuk ganoderma Lucidium setelah pemejanan serbuk ganoderma lucidium secara oral. Penelitian ini dilakukan menggunakan tikus putih jantan galur wistar berjumlah 30 ekor, dibagi menjadi 5 kelompok. Kelompok I (kontrol negatif) terdiri 6 ekor tikus diberi perlakuan aquades 10 ml/kg BB. Kelompok II (kontrol positif) terdiri dari 6 ekor tikus yang diberi perlakuan suspensi glibenklamid 1,26 mg / kg BB. Kelompok III terdiri dari 6 ekor tikus diberi perlakuan suspensi serbuk ganoderma 40 mg/kg BB. Kelompok IV terdiri dari 6 ekor tikus diberi perlakuan suspensi serbuk ganoderma 80 mg / kg BB. Kelompok V terdiri dari 6 ekor tikus diberi perlakuan suspensi serbuk ganoderma 120 mg/kgBB. Pengamatan efek hipoglikemik dilakukan menggunakan metode uji diabetes aloksan dengan mengamati kadar gula darah puasa selama 1 minggu. Pemeriksaan kadar gula darah puasa dilakukan pada hari ke– 3, 5 dan 7. Hasil penelitian kadar gula darah puasa tersebut dianalisa dengan Anava satu jalan dan menunjukkan aktifitas hipoglikemik yang siqnifikan ($P > 0,05$) antara kelompok kontrol positif, kelompok perlakuan ganoderma 40 mg/kg, ganoderma 80 mg/kg BB, ganoderma 120 mg/kg BB dibandingkan dengan kontrol negatif.

Kata kunci : efek hipoglikemik, serbuk Ganoderma Lucidium

HYPOGLYCAEMIC EFFECT OF GANODERMA LUCIDIUM POWDER ON ALBINO MALE RATS

It have been done a research to proof the hypoglycaemic effect of Ganoderma Lucidium powder. This research use 30 male rats, distributed into 5 groups. Group I (negative control) consisted of 6 rats which were given treatment of 10 ml/kg body weight aquadest. Group II (positive control) consisted of 6 rats which were given treatment of 1,26 mg/kg body weight glibenklamid suspension. Group III consisted of 6 rats tested by 40 mg/kg body weight ganoderma powder suspension. Group IV consisted of 6 rats which were given treatment of 80 mg / kg body weight ganoderma powder suspension. Group V consisted of 6 rats which were given treatment of 120 mg / kg body weight ganoderma powder suspension. Hypoglycaemic effect was done by using diabetes aloksan method by observed the content of fast blood sugar content for one week observed on 3 rd, 5 th and 7 th days. The yield of fast sugar content for 1 week by using one way analysis of varians, showed the activity of blood sugar content degradation which was siqnificant difference ($P > 0,05$) between negative control group with positive control group and test group.

Keywords : hypoglicaemic, ganoderma lucidium powder.