

BAB 7

SIMPULAN DAN SARAN

7.1 Simpulan

Berdasarkan hasil dari penelitian yang telah dilaksanakan dapat disimpulkan bahwa:

1. Pemberian ekstrak daun Afrika (*Vernonia amygdalina*) selama 14 hari memiliki pengaruh terhadap tebal epitel tubulus seminiferus tikus wistar diabetes melitus.
2. Pemberian esktrak daun Afrika dosis 100 mg/kgBB, 200 mg/kgBB, dan 400 mg/kgBB memberikan efek berupa peningkatan tebal epitel tubulus seminiferus tikus wistar diabetes melitus, dengan konsentrasi 100 mg/kgBB menunjukkan hasil tertinggi.
3. Pemberian glibenklamid dosis 0,63 mg/kgBB masih memberikan hasil yang lebih baik dibandingkan ekstrak daun Afrika dosis 100 mg/kgBB.

7.2 Saran

Berdasarkan penelitian yang telah dilaksanakan, terdapat beberapa saran untuk penelitian kedepannya yaitu:

1. Jangka waktu untuk membuat tikus diabetes melitus diberi lebih lama, agar kerusakan pada sistem reproduksi akibat komplikasi lebih jelas.
2. Dilakukan penelitian mengenai batas toksisitas ekstrak daun Afrika.
3. Digunakan parameter lain dalam pengukuran kerusakan organ reproduksi sebagai bentuk komplikasi dari diabetes melitus.

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