

## **BAB 5**

### **KESIMPULAN DAN SARAN**

#### **5.1. Kesimpulan**

Berdasarkan analisis data maka dapat disimpulkan :

1. Pemberian pakan diet tinggi karbohidrat selama 3 bulan pada tikus Wistar jantan tidak meningkatkan jumlah neutrofil pada kelompok tikus perlakuan dibandingkan dengan kelompok tikus kontrol.
2. Pemberian pakan diet tinggi karbohidrat selama 3 bulan pada tikus Wistar jantan meningkatkan kadar IL-6 pada kelompok tikus perlakuan dibandingkan dengan kelompok tikus kontrol.

#### **5.2. Saran**

Saran peneliti untuk penelitian selanjutnya adalah :

1. Mengetahui jenis karbohidrat pada komposisi pakan yang akan meningkatkan jumlah neutrofil dan IL-6.
2. Mengetahui berapa banyak *Staphylococcus aureus* yang harus diinduksikan pada tikus dan berapa lama waktu maksimal agar *Staphylococcus aureus* yang diinjeksikan dapat berfungsi dengan baik sehingga dapat mengaktifkan neutrofil.
3. Memperpanjang waktu pemberian pakan pada tiap kelompok tikus dan cara pemberian pakan yang divariasikan, misalnya dengan cara disondekan.

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