

CHAPTER V. CONCLUSION

A. Conclusion

1. Treatment in groups B, C, D, E and F showed an increase in total cholesterol levels after being given HFD and PTU induction
2. After being given steeping fermented candlenut (*Aleurites Mollucana L.*) treatment using yoghurt at a dose of 50 mg/200grW, group C experienced a decrease in total cholesterol levels
3. After being given steeping fermented candlenut (*Aleurites Mollucana L.*) treatment using yoghurt at a dose of 100 mg/200grW, group D experienced a decrease in total cholesterol levels
4. After being given steeping fermented candlenut (*Aleurites Mollucana L.*) treatment using yoghurt at a dose of 200 mg/200grW, Group E experienced a decrease in total cholesterol levels
5. After being given simvastatin treatment at a dose of 0.18 g/200grW group F treatment experienced a decrease in total cholesterol levels
6. The most effective treatment dose is the treatment dose of steeping fermented candlenut (*Aleurites Mollucana L.*) using yoghurt at a dose of 50 mg/200grW compared to the control group using simvastatin
7. There are flavonoid and saponin substances contained in candlenuts that have been soaked in yoghurt

B. Suggestion

For further research, it is recommended to carry out preclinical tests such as toxicity, pharmacodynamics effects, pharmacological effects, and pharmacokinetic effects of steeping fermented candlenut (*Aleurites Mollucana L.*) using yoghurt.