

CHAPTER V. CONCLUSION

A. Conclusion

1. Treatment groups B, C, D, E and F experienced an increase in total cholesterol levels after being given HFD and PTU
2. Treatment group C experienced a decrease in total cholesterol levels after being given a combination of boiled Moringa and Gedi leaves with a ratio of 1:1 and a dose of 80mg/200gBW: 30mg/200gBW
3. Treatment group D experienced a decrease in total cholesterol levels after being given a combination of boiled Moringa and Gedi leaves with a ratio of 1:2 and a dose of 80mg/200gBW: 60mg/200gBW
4. Treatment group C experienced a decrease in total cholesterol levels after being given a combination of boiled Moringa leaves and Gedi leaves with a ratio of 2:1 and a dose of 160mg/200gBW: 30mg/200gBW
5. Treatment group F experienced a decrease in total cholesterol levels after being given simvastatin 0.18/200gBB
6. The most effective treatment is 1:1, dose (80mg/200gBW : 30mg/200gBB) is accordance with the control group using simvastatin

B. Suggestion

For further research, it is suggested to examine pre-clinical test. Pre-clinical tests were carried out in vitro and in vivo to obtain:

- Toxicity Test to assess the safety of the combination of Moringa leaves and Gedi leaves as an anti-hypercholesterol drug and determine the spectrum of toxic effects and effects using Histopathological Examination