

## CHAPTER V CLOSING

### A. Conclusion

1. Giving alloxan to groups B, C, D, E, F can increase fasting blood sugar levels
2. Fasting blood sugar levels of arumanis mango peel brew dose of 100mg/200gBW can reduce fasting blood sugar levels by  $120.50 \pm 7.594$
3. Fasting blood sugar levels of 100mg/200gBW manalagi mango peel brew can reduce fasting blood sugar levels by  $140.75 \pm 5.058$
4. Fasting blood sugar levels of 100mg/200gBW indramayu mango peel brew can reduce fasting blood sugar levels by  $165.75 \pm 2.500$
5. Fasting blood sugar levels after glibenclamide administration at a dose of 0,09mg/200gBW can reduce fasting blood sugar levels by  $193.25 \pm 5.737$
6. Indramayu mango peel brewing is the most effective type of mango peel.

### B. Suggestion

1. For researchers:
  - Further research is needed with a wider variety of Indramayu mango peel doses, to explore the potential for significant effects in reducing blood sugar levels while considering the sample size to obtain more representative results.
  - Further research is needed, namely HbA1C examination after giving mango peel brew to rats that experience hyperglycemia to evaluate its effectiveness in reducing blood sugar levels in the long term.
2. For Health Practitioners: Toxicity tests are needed to further ensure the safety of using Indramayu mango peel, so that it has the potential to be developed into interesting processed herbal products, such as tea with various racial variants.