

CHAPTER V. CONCLUSION

5.1 Conclusion

The conclusion of this study are as follows:

1. Giving lima bean flour at a dose of 50% could have a significant effect on growth recovery in malnourished rats.
2. Giving lima bean flour at a dose of 50% had a significant effect in improving cognitive function in malnourished rats.
3. Giving lima bean flour at a dose of 50% had a significant effect in improving the structure of the cerebral cortex and hippocampus in the brains of malnourished rats.
4. There is a strong relationship between brain histopathological changes and cognitive function in malnourished rats.

5.2 Suggestion

It is recommended to conduct further studies:

1. Analyzing MDA (Malondialdehyde) and SOD (Superoxide Dismutase) enzyme levels to determine the inflammatory activity in the brain due to malnutrition and its improvement by Lima Beans
2. Analyzing pyramidal cell degeneration in the hippocampus, that occur due to malnutrition and its improvement by Lima Beans.