

## CHAPTER VII

### CONCLUSION AND SUGGESTION

#### VII.1. CONCLUSION .

The hepatoprotective effects of *Nigella sativa* extract with different doses against ethanol induced hepatic tissue changes in Wistar male rats were :-

**VII.1.a.** The hepatic steatosis were significantly reduced by the administration with different doses of *Nigella sativa* seeds extract compared to control group. The least hepatic steatosis was in the group treated with 1.5 g/kg of *Nigella sativa* seeds extract.

**VII.1.b.** The hepatic inflammation was significantly reduced by the administration with different doses of *Nigella sativa* seeds extract compared to control group. The least hepatic inflammation was in the group treated with 1.5 g/kg of *Nigella sativa* seeds extract.

**VII.1.c.** There was statistically significant association between the administration of *Nigella sativa* seeds extract and a reduction of the present Mallory bodies in treatment groups treated with 1.5 g/kg of *Nigella sativa* extract.

#### VII.2. SUGGESTION

The hepatoprotective effects and therapeutic effects of *Nigella sativa* seeds against alcoholic hepatic fibrosis, hepatic cirrhosis are not yet studies, thereby this study suggest to further studies about the hepatoprotective effects and therapeutic effects of *Nigella sativa* seeds against alcoholic hepatic fibrosis and cirrhosis,

prior to supporting its use by both of alcoholics and in the fields of contemporary medicine and folk medicine for treatment of hepatic illnesses. According to previous studies which reported that there were variations in concentration of some the fatty acids of *Nigella sativa* seeds grown in Qassim, Saudi Arabia, thereby, this study suggests further studies about the components of *Nigella sativa* seeds in particular those that were grown in Indonesia. In addition, this study suggests to motivate the people for try stop drinking of alcohol.