

**POTENTIAL BERMUDA GRASS EXTRACT (*Cynodon dactylon*) TO
MICROSCOPIC HISTOPATOLOGY OF HYPERGLICEMIC'S MOUSE
LIVER (*Mus musculus*)**

Ade Mahendra Putra

ABSTRACT

Research about potential of antihyperglycemic and hepatoprotector with extract of bermuda grass (*Cynodon dactylon*) induced hyperglycemic mice was conducted on October 2015. This research focused to observe about effect of bermuda grass (*Cynodon dactylon*) extract in mice by inducing 10% glucose with dose 2,0 g/kg wight for 15 days based on histopathology microscopic. The result of this research showed that extract of bermuda grass (*Cynodon dactylon*) has high antihyperglycemic potential at decreased blood glucose and can be hepatoprotector based on scoring degeneration, necrosis and inflammation of histopathology on mice. Therefore, it can be concluded that extract of *Cynodon dactylon* has potential to development research as herbal hepatoprotector drug.

Key words : Antidiabetic, Hepatoprotector, Hyperglycemic activity, extract of *Cynodon dactylon*.