

THE HISTOPATHOLOGY DESCRIPTION OF WHITE RAT (*Rattus norvegicus*) INTESTINE THAT WAS GIVEN JUICE OF NONI (*Morinda citrifolia*) AND WEFT HIGH FATTY DIET.

Hela Ankestri

ABSTRACT

The aim of this research is to know histopathology description of white rat (*Rattus norvegicus*) intestine that was given high fatty diet and juice of noni 60%. It was used 21 male white rats as experimental animal. They were divided become 3 treatment groups. They were negative control group (P_0), was the group that was given standard weft and aquadest; positive control group (P_1), was the group that was given high fatty diet and aquadest, and treatment group, was the group that was given high fatty diet, juice of noni 60% by peroral. After 60 days, each of white rats was taken its intestine to make histopathology preparatte. The results show juice of noni that was given peroral peroral causes intestine villi inflammation, so it can influences of histopathology description. Using *Kruskal Wallis* test was obtained result that there is real difference between 3 treatment groups ($P < 0,05$). After that Z-test stated that P_2 didn't have real difference with P_1 but have real difference with P_0 .

Keys words : *intestine white rats, juice of noni 60%, high fatty diet.*