

**PENGARUH PEMBERIAN PERASAN DAUN SEMANGGI
(*MARSILEA CRENATA*) TERHADAP SIKLUS BIRAH
MENCIT BETINA (*MUS MUSCULUS*)**

**THE INFLUENCE OF WATER CLOVER (*MARSILEA CRENATA*)
SQUEEZED OUT TO ROUTE CYCLE ON FEMALE MICE (*MUS
MUSCULUS*)**

Yuniati Puspaningtyas

ABSTRACT

The water clover are known as phytoestrogen which it similar to estrogen (isoflavons). The aims of this research were to know the influence of water clover squeezed out to route cycle on female mice. Thirty mice was divided into five treatments and six repetitions consist of control (P0) giving NaCl phisiologis , water clover squeezed out with concentration of 6.25% (P1), 12.5% (P2), 25% (P3), and 50% (P4). The treatment was given two times everyday, at 5 a.m and 5 p.m. The paps smear was examined everyday to known the route cycle . The result was shown that water clover squeezed out giving prolongation effect of phase proestrus and estrus and shortenen of phase metestrus and diestrus.

Key words : route cycle, phytoestrogen, isoflavone, *Marsilea crenata*