

**KHASIAT KOMBINASI PERASAN DAUN MURBEI (*Morus indica* Auct.
non L.) DAN BUAH BELIMBING WULUH (*Averrhoa bilimbi* L.)
TERHADAP KADAR KOLESTEROL TOTAL PADA *Rattus norvegicus***

I Made Darma Hadi Pradipta, 2011

Pembimbing : (I) Lucia E. Wuryaningsih, (II) Doddy de Q.

ABSTRAK

Telah dilakukan penelitian tentang khasiat kombinasi perasan daun murbei (*Morus indica* Auct. non L.) 15 g/kg BB dan buah belimbing wuluh (*Averrhoa bilimbi* L.) 0,8 g/kg BB terhadap kadar kolesterol total. Parameter uji yang diamati adalah *kadar kolesterol total*. Analisa statistik yang digunakan adalah uji *t-test sampel bebas*, untuk mengetahui signifikansi perbedaan efek karena faktor perlakuan, yaitu perlakuan kontrol dan perlakuan uji. Dari hasil analisa data terdapat perbedaan bermakna antara kelompok kontrol dan kelompok uji, dimana pengaruh kombinasi perasan daun murbei dan buah belimbing wuluh lebih besar terhadap penurunan kadar kolesterol total tikus putih jantan bila dibandingkan dengan air suling. Dengan demikian dapat disimpulkan bahwa kombinasi perasan daun murbei dan buah belimbing wuluh dapat menurunkan kadar kolesterol total.

Kata Kunci: daun murbei, buah belimbing wuluh, kolesterol total.

**EFFICACY OF THE COMBINATION JUICE OF MULBERRY LEAVES
(*Morus indica* Auct. non L.) AND WULUH STAR FRUIT (*Averrhoa bilimbi*
L.) AGAINST TOTAL CHOLESTEROL LEVELS IN *Rattus norvegicus***

I Made Darma Hadi Pradipta, 2011

Advisers : (I) Lucia E. Wuryaningsih, (II) Doddy de Q.

ABSTRACT

It has been researched about efficacy of the combination juice of mulberry leaves (*Morus indica* Auct. non L.) 15 g/kg BW and wuluh star fruit (*Averrhoa bilimbi* L.) 0,8 g/kg BW against total cholesterol levels. The test parameters that observed are total cholesterol levels. The statistical analysis used was independent samples t-test, to know the significance of differences in effects due to treatment factors, namely the control treatment and treatment trials. From the data analysis there were significant differences between control and test groups, where the effect of the combination juice of mulberry leaf and wuluh star fruit greater reduction in total cholesterol level of white mouse male when compared with distilled water. Thus we can conclude that combination juice of mulberry leaf and wuluh star fruit can reduce total cholesterol level of white mouse male.

Key words: mulberry leaf, wuluh star fruit, total cholesterol level.