

TITLE OF RESEARCH ENGLISH OF HASBI FATMAH
"LABISIA PUMILA" DI KIDNEY, LIVER
AND HEART OF MOUTREFFANG RAT

SEKOLAH MENENJAH AGAMA

FAKULTI SAINS DAN TEKNOLOGI
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2006

EFFECT OF CHLOROFORM EXTRACT OF KACIP FATIMAH (*Labisia pumila*) ON
KIDNEY, LIVER AND UTERUS IN NON-PREGNANT RAT

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EFFECT OF CHLOROFORM EXTRACT OF KACIP FATIMAH (*Labisia pumila*) ON
KIDNEY, LIVER AND UTERUS IN NON-PREGNANT RAT

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PENGAKUAN DAN PENGESAHAN LAPORAN
PROJEK PENYELIDIKAN I DAN II

Adalah ini diakui dan disahkan bahawa laporan penyelidikan bertajuk:
EFFECT OF CHLOROFORM EXTRACT OF KACIP FATIMAH
(LABISIA PUMILA) ON KIDNEY, LIVER AND UTERUS
IN NON-PREGNANT WHITE RAT.

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diperiksa dan semua pembetulan yang disarankan telah dilakukan. Laporan ini dikemukakan
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ABSTRACT

Labisia pumila (Kacip Fatimah) is a well-known small woody plant but it is reputed to have numerous uses such as uterine involution among traditional practitioners. Chloroform extract of crude Kacip Fatimah was used for determination of toxin infected to internal organ. There are histopathological changes in uterus; kidney and liver did in white rats (*White spread*) following oral treatment of chloroform extract of Kacip Fatimah. High significant changes ($p > 0.05$) were noted in the perimeter of endometrial glands, thickness of uterus wall and number of endometrial glands in all treated groups in all days 7, 14, and 21. Lesions such as hyaline degeneration and fibrins were noted in kidneys and liver of Group C and D treated with different concentrations of chloroform extract of Kacip Fatimah.

ABSTRAK

Kacip fatimah (*Labisia pumila*) terkenal sebagai pokok ubatan yang di amalkan oleh pengamal ubatan tradisional untuk system peranakan. Ekstrak Kacip Fatimah telah digunakan untuk menguji kesan toksik yang terdapat di dalam Kacip Fatimah ke atas organ dalaman. Terdapat perubahan histology pada uterus, buah pinggang dan hati tikus putih (*White spread*) berikutan pemberian rawatan secara oral ekstrak Kacip fatimah daripada klorofom. Terdapat perbezaan yang nyata ($p > 0.05$) pada ukur lilit kelenjar uterus, ketebalan uterus dan bilangan kelenjar uterus dalam kumpulan rawatan pada hari ke 7, 14 dan 21. Terdapat kecederaan tisu dikenalpasti pada ginjal dan hati bagi kumpulan rawatan C dan D yang di beri rawatan oral ekstrak Kacip Fatimah daripada klorofom.