

EFEK KOMBINASI EKSTRAK BUNGA KEMUNING (*Murraya paniculata* (L.) Jack) DAN RIMPANG BANGLE (*Zingiber cassumunar* Roxb.) TERHADAP AKTIVITAS MOTORIK MENCIT PUTIH JANTAN DENGAN ALAT *PHOTOELECTRIC CELL COUNTER* MODIFIKASI

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ABSTRAK

Penelitian ini dilakukan untuk mengetahui efek kombinasi Bunga Kemuning (*Murraya paniculata* (L.) Jack) dan Rimpang Bangle (*Zingiber cassumunar* Roxb) terhadap aktivitas motorik mencit putih jantan depresi dengan menggunakan alat *Photoelectric Cell Counter* Modifikasi. Dalam penelitian ini, hewan uji dibagi menjadi tiga kelompok: Kelompok Uji diberi kombinasi ekstrak Bunga Kemuning (*Murraya paniculata* (L.) Jack) dan Rimpang Bangle (*Zingiber cassumunar* Roxb) dengan dosis masing-masing ekstrak 1250 mg/KgBB; Kelompok Pembanding diberi larutan Imipramin HCl dengan dosis 20 mg/KgBB; dan Kelompok Kontrol diberi aquadem dengan volume pemberian 0,5 ml/20 gBB. Setelah diberi perlakuan secara oral hewan uji didiamkan selama 30 menit, selanjutnya dimasukkan ke dalam alat *Photoelectric Cell Counter* Modifikasi selama 15 menit. Kombinasi ekstrak Bunga Kemuning (*Murraya paniculata* (L.) Jack) dan Rimpang Bangle (*Zingiber cassumunar* Roxb) dengan dosis masing-masing ekstrak 1250 mg/KgBB dapat meningkatkan aktivitas motorik mencit putih jantan depresi pada alat *Photoelectric Cell Counter* Modifikasi.

Kata Kunci: Antidepresi, Bunga Kemuning (*Murraya paniculata* (L.) Jack), Rimpang Bangle (*Zingiber cassumunar* Roxb), Aktivitas Motorik, *Photoelectric Cell Counter* Modifikasi.

**EFFECT OF COMBINATION EXTRACT KEMUNING
FLOWER (*Murraya paniculata* (L.) Jack) AND RIMPANG
BANGLE (*Zingiber cassumunar* Roxb.) TO ACTIVITY
MOTORIC MASCULIN MICE TURN WITH TO USE
APPLIANCE PHOTOELECTRIC CELL COUNTER MODIFY**

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ABSTRACT

This research was conducted to know a effect of Combination Kemuning Flower (*Murraya paniculata* (L.) Jack) and Bangle Rhizome (*Zingiber casumunar* Roxb.) to activity motoric masculine mice depression use appliance of Photoelectric Cell Counter modify. In this research animals were divided into three groups: Test Group was gave combination of Kemuning Flower (*Murraya paniculata* (L.) Jack) and Bangle Rhizome (*Zingiber casumunar* Roxb.) with 1250 mg/KgBB dosage; Compare Group was gave Imipramin HCL with 20 mg/KgBB dosage; and Contol Group was gave aqua demineralized with volume is 0,5 ml/20 gBB. After give treatment in oral animal of test hush during 30 minute, hereinafter enter into appliance Photoelectric Cell Counter Modify during 15 minute. Combination of Kemuning Flower (*Murraya paniculata* (L.) Jack) and Bangle Rhizome (*Zingiber casumunar* Roxb.) 1250 mg/KgBB dosage has increase activity motoric masculin mice depression use appliance of Photoelectric Cell Counter Modify.

Key Words: Antidepresant, Kemuning Flower (*Murraya paniculata* (L.) Jack), Bangle Rhizome (*Zingiber cassumunar* Roxb), Activity Motoric, Photoelectric Cell Counter Modify.