



ABSTRAK
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POTENSI KULIT BATANG BERBAGAI VARIETAS GAHARU (*Gyrinops
versteegii* (Gilg.) Domke) SEBAGAI ANTIKANKER

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Tujuan dari penelitian ini adalah untuk menentukan aktivitas antikanker dari kulit batang berbagai varietas gaharu (*Gyrinops versteegii* (Gilg.) Domke). Sampel kulit batang tiga varietas gaharu (*Gyrinops versteegii* (Gilg.) Domke) diambil dari dusun Kerujuk desa Pemenang Barat dan Hutan Pusuk Lestari desa Lembah Sari. Setiap sampel dalam penelitian ini diekstraksi menggunakan metanol selama 3x24 jam. Ekstrak metanol diuji toksisitas menggunakan *Brine Shrimp Lethality Test* (BSLT). Hasil uji menunjukkan bahwa ketiga ekstrak metanol tersebut memiliki toksisitas yang signifikan ($LC_{50} < 1000 \mu\text{g/mL}$). Varietas Buaya memiliki sifat toksik paling tinggi dibandingkan dua varietas lainnya ($LC_{50} 45,94 \mu\text{g/mL}$) kemudian dilanjutkan dengan pemisahan menggunakan kromatografi vakum cair. Hasil dari proses fraksinasi diuji menggunakan BSLT. Fraksi 2 dari sepuluh fraksi merupakan fraksi yang paling toksik ($LC_{50} 64,12 \mu\text{g/mL}$). Hasil tersebut menunjukkan fraksi 2 dan ekstrak metanol kulit batang gaharu (*Gyrinops versteegii* (Gilg.) Domke) varietas Buaya memiliki potensi besar sebagai agen antikanker dimasa depan.

Kata kunci : *Gyrinops versteegii* (Gilg.) Domke, Uji toksisitas, , LC_{50} , BSLT
Antikanker

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