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BOOK OF ABSTRACTS

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Hematological Profile of Balb C Mice Following Administration of Sauropusandrogynus Extract

ArdianaEkawanti^{1)*}

^{1)*}Medical Faculty of Mataram, University Jl. Pendidikan No. 37
Mataram, Indonesia, E-mail: ekawantimuhaimin@gmail.com

ABSTRACT Sauropusandrogynus leaf widely used as a traditional substance to stimulate breast milk production. This study objective was to find out the effect of S.androgynus extract on hematological parameter as a preliminary study to wound healing effect of S. androgynus in post partum condition. This was an experimental study by using post test only control group design. Female mice were given S.androgynus extract divided in three doses 100 mg/kgBW, 200 mg/kgBW, and 300 mg/kgBW for 7 days. At the last day mice were sacrificed and intracardiac blood samples were assessed for hematological profile. The result were S. androgynous extract increased haemoglobin value and number of red blood cells significantly in group of 100 mg/kgBW compare to control group, but did not effected white blood cells and platelet of mice.

(Keywords: Sauropusandrogynus, hematological profile)