

| Title | Author | Abstract | Keyword | Media/Publication and the full text or URL |
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| Bioactivity of <i>Crotalaria striata</i> Dc and <i>Cinnamomum cullilawan</i> Bl againts cervical cancer cells of Hela | Nurrani, L. Tabba, S. Irawan, A. | <i>Cervical cancer is the deadliest type of cancer specifically affecting women. Various ways of prevention has been undertaken among which is early detection of this disease, from the use of sophisticated medical devices to the use of natural ingredients derived from a variety of plants with the traditional ways. This study aimed to determine bioactivities of kayu lawang (Cinnamomun cullilawan) bark and kuhung-kuhung (Crotalaria striata) leaves extracts against Cervical Cancer HeLa cells (ATCC CCL 2). Sample powder was macerated with polar solvent ethanol technical quality 70% with a ratio of 1:5 foto 24 hours. The concentration of extracts applied to cancer cells were 25, 50, 200 and 500 µg ml-1. The results showed that C. striata leaf extract have the best activity against cervical cancer compared to C. cullilawan bark extract. The C. striata leaf extract be able to kill HeLa cancer cells at a concentration of 635,289 µg ml-1, more effective than C. cullilawan bark extract with the IC50 value of 1,435.79 µg ml-1 (>1,000 µg ml-1). The both extracts did not contain alfatokoferol and quercetin compounds.</i> | <i>Bioactivity, Crotalaria striata, Cinnamomun cullilawan, HeLa cervical cancer cells</i> | Bul. Littro, Volume 27, No. 1, 2016 |