# Artocarpus altilis extract effect on cervical cancer cells

By: Jamil, MMA (Jamil, Muhammad Mahadi Abdul)[1]; Ganeson, S (Ganeson, Suhassni)[1]; Mammam, HB (Mammam, Hassan Buhari)[1]; Wahab, RA (Wahab, Ridhwan Abdul)[2]

View ResearcherID and ORCID

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## Abstract

This paper elucidate on the effects of Artocarpus Altilis Pulp part on cervix HeLa cancer cell. IC50 values of pulp extract were determined on HeLa cell with different concentration ( 12.5 mu g/ml, 25 mu g/ml, 50 mu g/ml, 100 mu g/ml). Cell viability and cell growth were observed up to 72 hours with comparative to control cells. The results obtained in this research quantitatively revealed the dependence of cell proliferation on extract concentration. Control, 12.5 mu g/ml, 25 mu g/ml, 50 mu g/ml, 100 mu g/ml of concentration showed 100%, 90%, 80%, 50%, 44% cell viability after 72 hours in culture respectively. This study result demonstrates that Artocarpus Altilis has the ability to inhibit cervical cancer cell proliferation. 

## Keywords

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## Author Information

**Reprint Address:** Jamil, MMA (reprint author)

+ Univ Tun Hussein Onn Malaysia, Fac Elect & Elect Engn, Dept Elect Engn, Biomed Modelling & Simulat BIOMEMS Res Grp, Parit Raja 86400, Johor, Malaysia.

**Addresses:**

+ [1] Univ Tun Hussein Onn Malaysia, Fac Elect & Elect Engn, Dept Elect Engn, Biomed Modelling & Simulat BIOMEMS Res Grp, Parit Raja 86400, Johor, Malaysia

+ [2] Int Islamic Univ Malaysia, Dept Biomed Sci, Kulliyyah Allied Hlth Sci, Kuantan 25200, Pahang, Malaysia

**E-mail Addresses:** mahadi@uthm.edu.my

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