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Antitumor Effects of TNF- β , 5-FU and Their Combinations on Cervical Carcinoma Cell Lines

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 [Keywords](#)

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Abstract: Cervical carcinoma is one type of cancer with a high mortality rate in females. In this study, we investigated the cytotoxic effects of TNF- β , 5-FU and their combinations on human cervical carcinoma cell lines, ME180 and HeLa. The highest degree of cytotoxic effect was obtained with 5-FU on both cell lines. While high concentrations of TNF- β showed cytotoxic effects on both cell lines, the lowest dose induced growth. Combination treatment of 5-FU and TNF- β gave a slightly higher cytotoxic and antiproliferative response compared to individual use of 5-FU and TNF- β on both cell lines.

Key Words: TNF- β , 5-FU, ME180, HeLa, Cervical Carcinoma

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