

Anti-tumor effects reports of MCP

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1. The inhibition effects of different pectin on mice tumor growth, see figure1 and figure 2 (LCP was the pectin from Gold Kroppn, 1 was the pectin from American market, 3 was the high molecular weight pectin)

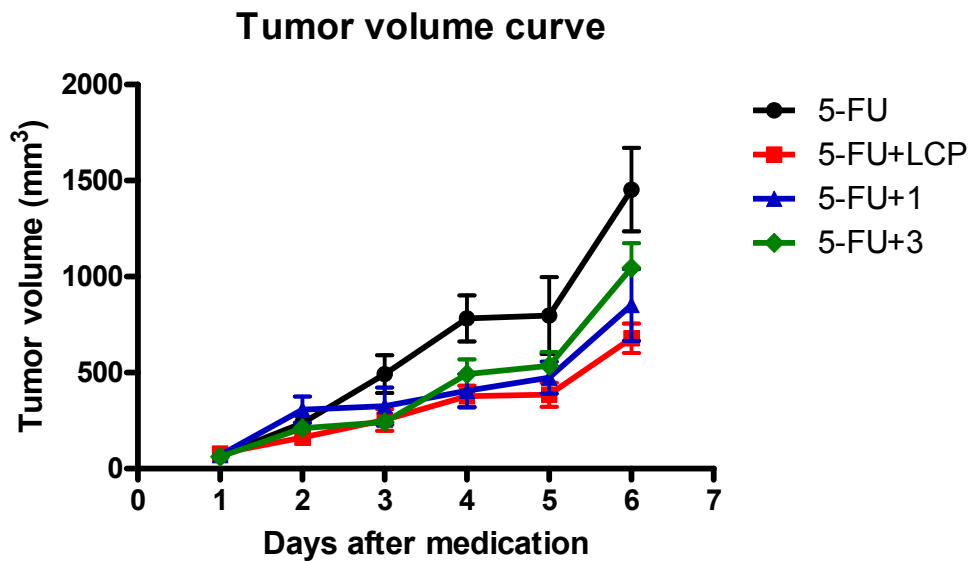


Figure1: the effect of different pectin using to inhibit tumor growth in mice

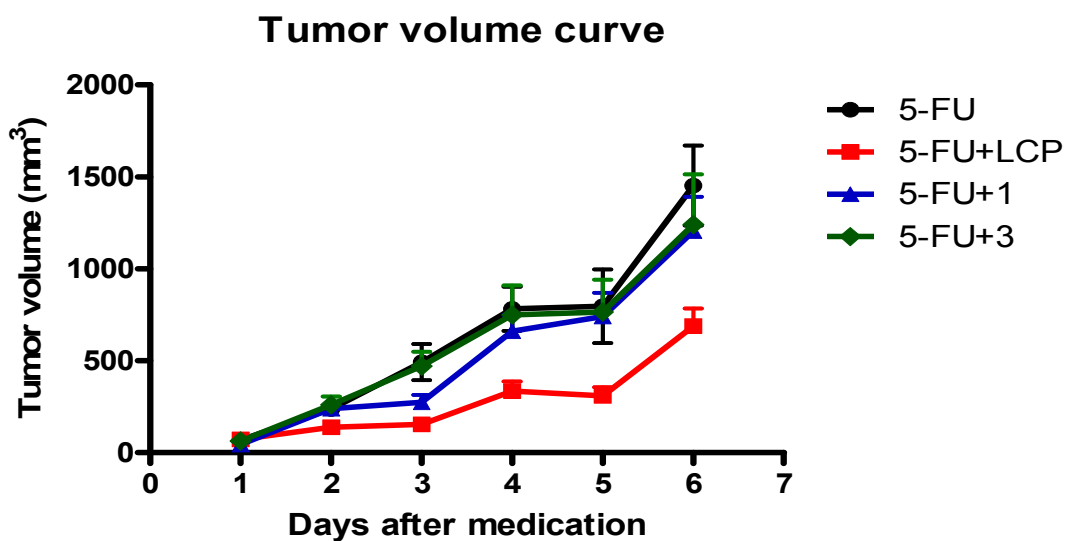


Figure 2 the effect of different pectin using to prevent the tumor growth in mice

Conclusion: MCP in combination with chemotherapy drug 5-FU has the ability of chemo-sensitization and detoxification, which can inhibit the growth rate of mouse breast cancer tumor.

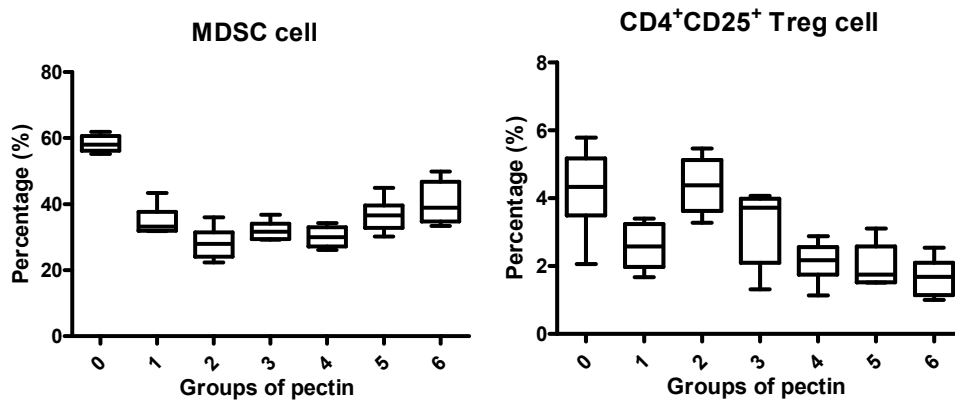
MCP's prevention effects on tumor growth is better than inhibition effects, and the effects of LCP from Gold Kropn is better than the MCP from American market.

2. MCP can reduce the acute toxicity of chemotherapy to a certain extent, and can prolong the survival period of mice on high-dose 5-FU-treated mouse breast cancer.



3. The synergistic anti-tumor effect of MCP and chemotherapy is mainly achieved by enhancing immunity, including weakening the immunosuppressive cells of the immune system and increasing the additive effect of immune killer cells.

(1) MCP reduces immunosuppressive MDSC cells, Treg cells in mice



(2) MCP increases killer cell CD8+ T in mice

