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## Recent developments of saffron's anticancer research

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Saffron has been proposed as a promising candidate for cancer chemoprevention. The purpose of this investigation was to investigate the chemo-preventive action and the possible mechanisms of saffron and its bioactive molecules against liver cancer in vitro, in vivo and in silico. This study provides evidence that saffron and its bioactive molecules exert significant chemo-preventive effects against liver cancer through inhibition of cell proliferation and induction of apoptosis. We also show some evidence that saffron protects rat liver from cancer via modulating oxidative damage and suppressing inflammatory response. Network analysis identified NF- $\kappa$ B as a potential regulatory hub and therefore, a candidate therapeutic drug target.

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