

Antimutagenic Effects

Curcumin extracts have undergone considerable scrutiny for their antimutagenic effects. This is especially important in light of the fact that it is the progressive mutation of cells that ultimately results in the development of tumors. In laboratory studies, animals treated with turmeric who were challenged by known carcinogens excreted lower levels of mutagenic metabolites as well as carcinogens than comparably challenged control animals.

This antimutagenic and anticancer effect has repercussions beyond mere prevention. Studies are currently underway that are comparing the efficacy of curcuminoid treatment and examining the potential of turmeric components as an adjunct to currently practiced cancer therapies.