

Mitochondrial Targets for Cancer therapy

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The data for many years on cancer therapy was directed toward the nucleus DNA replication using of high dosages of excessively toxic chemotherapies that also destroyed any rapidly dividing cells including Intestinal cells, hair, nails and other organs. Some of these chemotherapies left mutations that later developed into new tumors in patients. The newest interventions in cancer therapy that we are working with, target only the mitochondria of tumor cells manipulating their source of energy that is common to tumor cells, but not seen in normal cells. Utilizing this refined technique we are able to destroy tumor cells selectively and avoid side effects seen with our older chemotherapeutic agents.