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**THE NEW THEORY OF CARCINOGENESIS - THE THEORY OF GENE MULTIPLE HITS**

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**Introduction:** There is no report about the new theory of gene multiple hits. Which is identified through a MEDLINE search.

**Result:** The result of new discovery: explanation of the gene multiple hits theory

We have known that cancer development is caused by the long time carcinogens' effects. The carcinogens include psychological, social, behavioral, emotional and spiritual issues factors and hereditary factors, et al. After all, the author may say in this way that before the cancer development, there are many different proto-oncogenes and tumor suppressive genes suffer from many different carcinogens' hits and damages, that is gene multiple hits. And finally, after the genes are hit many times by the environmental or chemical factors; biological factors; physical factors and hereditary factors, et al., the cancer are developed.

**Discussion:** The major previous theory for cancer development mechanism is the gene two hits theory. It is clear that this old theory can not fully explain all the findings for cancer development mechanism. Only can the gene multiple hits theory explain fully all the scientific findings for the cancer development mechanism. Therefore, the new theory is very scientific.

**Conclusion:** The significances of the gene multiple hits theory.

The new theory not only fully explain the research findings for cancer development mechanism. But also summarizes the huge lots of different scientific research findings and using the single new theory represents the whole related scientific research findings.