



Classification of HPV Head and Neck Cancer

Kunal Joon*

Noida International Institute of Medical Science, India

***Corresponding Author:** Kunal Joon, Noida International Institute of Medical Science, India.**Received:** June 28, 2024**Published:** July 01, 2024© All rights are reserved by **Kunal Joon**.**Abstract**

Human papilloma virus has been linked to significant increase in the throat cancer and tonsils in the population till 2030 it will be the most common cause of the throat cancer.

Keywords: DNA Forward Rolling; DNA Analysis; Human Papilloma Virus; PCR

Study of cell division**DNA Architecture theory**

Zygote contains a dna as a architecture and form cells of ectoderm ,mesoderm and endoderm

DNA contains a gene and act as a architecture for cell.

It act as a digital clock for the cell division

- DNA base pair supplies energy to the cell for division as when the cell divides before cytoplasmic division chromosome divides and during chromosome division a huge amount of energy is released
- This energy is supplied for division of organelle and accurate amount of energy is released by DNA for cell to divide it is during S phase
- During meiotic when chromosome pair up then energy is released.

Action of HPV virus to cause tumor

- Findings reveal that there are two [1] fundamentally different subtypes of HPV+ HNSCC, each with unique characteristics and treatment responses [2].
- The critical distinction between the [3] two classes of HPV-associated head and neck cancers was in the activation [4] of NF- κ B signaling, a crucial molecular pathway associated [5] with cellular growth, the formation of new blood vessels, and [6] increased protection against cell death [7].

Discussion

- Normal cell division
- DNA architecture theory
- Mechanism of action of hpv virus

Conclusion

HPV virus act through NF- κ B signalling molecular pathway.

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