

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_79513
Title of the Manuscript:	HUMAN PAPILLOMA VIRUS AND ORAL CANCER
Type of the Article	Review Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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Review Form 1.6

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments		
Minor REVISION comments	<p>Oral squamous cell carcinoma affects about 40 to 50 percent of people of India. Of:- pre position used may be incorrect here Suggestion – Use 'IN' instead of 'OF'</p> <p>Tobacco, alcohol, and smoking, are the causes of this condition. Suggestion – Remove Comma After Smoking</p> <p>E6 promotes DNA synthesis, inhibits cellular differentiation, and engages with proteins of tumour suppressors and restore elements, whereas E7 promotes mobile proliferation and interactions with cell cycle' s negative regulators and protein of tumour suppressor. Suggestion - remove excess space</p> <p>E6 and E7 proteins are oncogenes which might be related to the improvement of most cancers Suggestion – that might</p> <p>The E5 protein that binds to boom element receptors and promotes cell proliferation whilst inhibiting programmed cell death. Suggestion – correct the spelling</p> <p>Keratinocytes are a type of squamous epithelial cell that HPV have an unique affinity for the amount of differentiation of keratinocytes affects the production of the expression of viral genes Suggestion - remove Extra spacing</p> <p>Following epithelial squamous differentiation, genes of viral are expressed regularly from early to late genes where elements of the early viral genome are developing toward epithelial layers with the production of full virion. Suggestion - remove Extra spacing</p> <p>E2 mediates the transfer of certain HPV DNA copies to daughter cells as the basal cells divide, while some versions stay as episomes in the progenitor cells . Suggestion remove Extra spacing</p> <p>Early6 suppresses programmed cell death, whereas Early7 initiates the DNA replication , Suggestion remove Extra spacing</p> <p>which cause mature cells of epithelial to enter in Synthesis phase of the cell cycle and permitting viral DNA replication to take location Suggestion - use word causes</p> <p>MECHANISM OF HUMAN PAPILOMA VIRUS CAUSED CARCINOGENESIS Suggestion – correct the spelling</p> <p>The genome of virus get included into genome of host in the case of high-chance Human Papilloma Virus infection and underneath beneficial situations, which is required for the keratinocytes to live forever.</p>	

Review Form 1.6

	<p>Suggestion – correct grammatically The genome of the virus gets included into the genome of a host</p> <p>The various type of virus, its mechanism of action with various physical, chemical, and organic retailers, and the host's immune defense mechanisms, all have the ability to alter the route of HPV contamination Suggestion – rephrase sentence Their mechanism.....can alter the route</p> <p>Significant Increase number of Tissue cells leads to thicken the spinous layer and proliferation of capillary characterizes these tumours. Suggestion – A Significantthickening of spinous layer and the proliferation of capillaries characterizes.....</p> <p>HPV replication is enabled by means of the E7 protein Suggestion – use alternative word – using/utilizing/through.</p> <p>As a end result, p16INK4a overexpression might be a valuable Suggestion – incorrect article – use an</p> <p>Early2 protein, that is encoded in the virus's early open reading body, inhibits E6 ,E7 expression. Suggestion – which is</p> <p>HPV E6, E7 disrupt the p53 and pRb tumour suppressor genes, and a number of cell proteins implicated in carcinogenesis, Suggestion – rephrase sentence</p> <p>The product from the notch1 gene changed into these days discovered to be a brand new p53 target Suggestion – rephrase sentence The product.....these days was discovered.....</p> <p>The tumour suppressor gene product, that is retinoblastoma pRb, and their own SUGGESTION remove Extra spacing</p> <p>The connection between HPV and oral cancer first studied in1960s. In 1985, Lüning and co-worker proposed that Suggestion – was first</p> <p>HPV16, 8, 31, 33, 35, 45, 51,52, 56, 58, 59 are taken into consideration with higher chance. Suggestion – add spacing</p> <p>The link between HPV and OSCC initially postulated in 1983, but it took two years for in situ hybridization to confirm the presence of viral DNA. Suggestion – rephrase the sentence</p> <p>Early ORFs code for the proteins E1, E2, E4 to E7 those are required for viral replication, cellular transformation, and transcription law. Suggestion – rephrase the sentence</p> <p>The E5 protein that binds to boom element receptors and promotes cell proliferation whilst inhibiting programmed cell death. Suggestion – rephrase the sentence The E5 protein which binds to boom.....</p>	
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	<p>The importance of comprehending the link among the human papillomavirus and oral cancers is growing considering the observed association of HPV and oral cancer. Suggestion - comprehending the link between the human.....</p> <p>HPV vaccines are licensed to defend towards the low-risk virus and may protect from vaginal and oral infection however its role in oral cancer prevention is yet to be clearly established and hence suggests the need for further research. Suggestion – inappropriate word used, it can be framed as HPV vaccines are licensed to defend against</p> <p>Gardasil (HPV-four) is a quadrivalent vaccination that protects in opposition to HPV-6, HPV-eleven, HPV-sixteen, and HPV-18 contamination. Suggestion – use word vaccine</p> <p>This vaccine used in female of age 9 to 26 years and found to be efficacious in preventing genital warts in male and female. Suggestion – rephrase sentence This vaccine was used in female of age 9 to 26 years and found to be efficacious in preventing genital warts in males and females.</p> <p>The role of vaccine in prevention of oral cancer need to be explored more. Suggestion – grammatically incorrect The role of vaccine in prevention of oral cancer needs</p> <p>The Open studying Frames is split into three useful parts: the early (E) place, which covers 45 percentage of the genome, the late place, which covers forty percentage of the genome, and a region of lengthy control, which covers the final 40 percent of the genome (LCR) [9][10][11]. Suggestion - Percent</p>	
<p>Optional/General comments</p>		

PART 2:

	<p>Reviewer's comment</p>	<p>Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</p>
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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