

**عنوان مقاله:**

Evaluation of CENPM gene expression in cervical cancer

**محل انتشار:**

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**خلاصه مقاله:**

Cervical cancer is the most widely screened cancer in the world both in high- and middle-income countries. HPV has been implicated in 99.7% of cervical squamous cell cancer cases worldwide. Viral E6 and E7 genes expression leads to alterations of the cellular genome integrity, including structural and numerical chromosomal instability resulting in chromosomal mis-segregation and aneuploidy. Centromere protein M (CENPM) is an essential centromere component for chromosome separation. In this study, we evaluated the expression of this gene at mRNA level by qRT-PCR method on 20 cancer samples who previously had feather papillomavirus infection, The results show a significant increase in the expression of this gene in cancer samples.

**کلمات کلیدی:**

cervical cancer, Human papilloma virus, Chromosomal Instability, Gene expression

**لینک ثابت مقاله در پایگاه سیویلیکا:**

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