

البحث الثانى

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Expression of nerve growth factor and tyrosine kinase A in laryngeal squamous cell carcinoma: a novel study

Authors: Mostafa A. Abou sarie, Hala M. El-hanbuli and Lubna O. Abdel-Salam

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Abstract:

Laryngeal squamous cell carcinoma (LSCC) is a common cancer worldwide so knowing the biological markers related to this tumor aggressiveness can help improving the patient's management. A recent attention was payed towards nerve growth factor (NGF) and its receptors in tumorigenesis. Using the immunohistochemical staining, the expression of NGF and TrkA was evaluated in 60 LSCC tissues. The results showed that the expression of both NGF and TrkA was significantly related to the nodal status, the tumor and the clinical stages of the patients ((P <0.001). The increased expression of both markers in advanced clinical stage of the disease suggested considering them as potential markers not only as prognostic factors, but also as a therapeutic target in LSCC.