

Kajian peran tenascin-c (Tn-C) pada proses progresivitas keganasan melalui pendekatan biologi molekuler./ Istiati Suhardjo, Theresia Indah Budhy S.

Istiati Soetomo, author

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Abstrak

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The progressiveness of malignant tumors is influenced by various complex factors. One of the important factor is Tenascin-C (Tn-C) protein, which can interact with fibronectin as an anti adhesive of anti modulation protein. Tenascin-C is an extra cellular matrix glyco protein (EMG) which can be found in the oral tissue also as an up regulator. They can be associated with EMG, and strongly influenced promotion of the stromal cell as cell growth, migration, differentiation, angiogenesis, and apoptosis in cancer. Alternative splicing of fibronectin-like type III (FN III) repeats of Tn-C generates a number of splice variants, and influences tumor progressiveness. The conclusion of Tn-C role in tumor progressiveness depends on the molecular weight and alternative splicing of FN III. ;Indonesian Journal of Dentistry 2006; Edisi Khusus KPPIKG XIV: 84-86;Indonesian Journal of Dentistry 2006; Edisi Khusus KPPIKG XIV: 84-86