



Etiopathogenesis of Gastric Cancer

Vedat Goral

Istanbul Medipol University, Turkey

Abstract:

Gastric cancer is a multifactorial and complex malignant disease seen commonly worldwide. It is one of the few malignant conditions in which the etiology involves infectious agents (*Helicobacter pylori*), but there are many other risk factors including high salt intake. Its pathogenesis generally involves interactions between environmental factors and genetic disposition. It is currently considered that stem cells may play a central role in gastric cancer development. According to gene expression studies, there are two molecular types of gastric cancers . 1) Diffuse type (undifferentiated) gastric cancer 2) Intestinal type (well differentiated) gastric cancer. The major cause in diffuse carcinoma is genetic events and the most important of these is loss of E-cadherin expression. E-cadherin plays the role of key cellular protein in ensuring intracellular links and epithelial tissue organization. Intestinal type gastric cancer is generally associated with *H. pylori* and its prognosis is better compared to diffuse type gastric cancer. Diffuse gastric cancer; are associated with more.

Also, gastric cancer is a multistep event involving multiple genetic and molecular alternations and changes in cancer stem cells. Progression from preneoplastic lesions to cancer is associated with CSC (cancer stem cell) induction, increased cell proliferation and apoptosis

Keywords: Gastric cancer - *Helicobacter pylori* - oncogenes - stem cells

Biography:

He was born in 1958. He studied 1 year in Chiba University Medical School Gastroenterology Department, Japan with Prof. Dr. Masao Ohto and Prof. Dr. Hiromitsu Saisho, 2 months At Giessen Medical School School Department of Gastroenterology,



Germany with Prof. Dr. Hans-Ulrich Klör and for a short period at Chelsea & Westminster Hospital, Division of Gastroenterology with Prof. Dr. Iain Murray-Lyon. Now, He is working at the Dicle University School of Medicine Department of Gastroenterology, Diyarbakir, Turkey.

Recent Publications:

1. Vedat Goral. Granulomatous Gastritis Associated with Sarcoidosis: Case Report
2. Vedat Goral. Amyloidosis in colon presenting with rectal bleeding in multipl myeloma: A Case Report
3. Vedat Goral. Gastric Mucosal Calcinosis
4. Vedat Goral. Cholangiocarcinoma: New Insights
5. Vedat Goral. Gallstone Etiopathogenesis, Lith and Mucin Genes and New Treatment Approaches

[Webinar on Digestive Disease; December 08, 2020](#)

Citation: Oussama Propolis modulates nitric oxide pathway during celiac disease; Webinar on Digestive Disease 2020; December 08, 2020