## Effect of Helicobacter Pylori Infection on Development of Gastric Cancer

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#### Abstract:

which is multi-factorial and classified as diffuse and intesti- new born of neurons in the experiments conducted on ronal type. Approximately 40% of patients never report tu- dents. He used the auto-radiographic method after lesions mor-related symptoms before diagnosis, so most gastric of the brain areas and intracranial injection of thymidine H<sup>3</sup> cancer cases are advanced-type. Thus, prevention may be induced proliferation of the cells in this damaged areas. In the most promising strategy for cancer control. some im- the different experiments carried on mammals and birds portant risk factors are: older age(most people who are di- using the same methods and the same substance thymidine agnosed are between age 60 and 80), male sex, tobacco H<sup>3</sup> Kaplan and Hinds (1977), Goldman and Nottebohm smoking, alcohol, diet and family history, Helicobacter py- (1983) shown proliferation of the cells in the dental gyrus lori infection(H. pylori is a Gram-negative bacteria with and olfactory bulb. So years after Kaplan and Hinds, Goldabout 3.5 micron length and 0.5 micron width that specifi- man and Nottebohm confirmed this discovery. cally colonizes the gastric epithelium and it has infected Current evidence (Blackmore, et. al., 2012) shows that nearly 50% of population) [1.2].

The development of the intestinal type pursues the consec- and in vitro. And much more in specific regions of the utive procedure from superficial gastritis to chronic brain the neurons can be generated daily by different exteratrophic gastritis to intestinal metaplasia, then to dysplasia nal and internal stimuli factors. Approximately 700 new and finally to gastric adenocarcinoma .During occurrence neurons (Kirsty L, et. al, 2015) daily are generated in the gastric cancer, genetic predisposition, infection and diet are hippocampus, sub ventricular zone, and the dentate gyrus . identified as part of a complex interaction, among which where the mesenchymal cells or neuro stem cells differentithe ongoing local chronic inflammatory induced by ate and migrate to the potential aimed zone. According to H.pylori is likely to be one of major factors for gastric lym- collecting data daily activity, dietary and mood effect neuphoma development. However, only a small percentage of rogenesis: daily physical activity, sexual activity, inserting colonized individuals develop clinically apparent sequelae, new information (reading) on a daily basis or communicate although all persons carrying H.pylori have coexisting gas- with new people and especially a good night sleep can sigtric inflammation [1].

Prevention from H.pylori is mainly based on behavior mod- impact at the modern medicine to cure many diseases ifications. Prevention through dietary intervention would which happen in the brain (Alzheimer), brain. traumas. And include increased fruit, allium, and non-starchy vegetable lesions. Despite the odds this researches are developing till intake and reduced ingestion of salt or salt-preserved foods now days and the obtained results may be applied in the and N-nitroso compounds, also smoking cessation may clinics. lower the risk of the disease. [2]

can be diagnosed by a simple test and also might be treated ty, good dietary, supposed to supply neurogenesis and also, based on the stage of the patient and where the cancer start- can protect from neurodegenerative disorders. ed in the stomach but generally it is better to prevent than *Abbreviations*: (svz) sub ventricle zone.(NSC) neural stem to treat because prevention includes behavioral manage- cell ments which are easier.

*Key words:* Helicobacter pylori, Gastric cancer.

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### Neurogenesis in the adult Waseem Saad

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### Abstract:

Neurogenesis is the process where the neurons and glial cells can be differentiated from a precursor cells in the nervous tissue.

Gastric cancer is the most common cancer in the world In 1962 Altsman was the first scientist who discovered the even GH supplies neorpgenesis in the experiments in vivo nificantly stimulate neurogenesis. This researches have the

Conclusion: Obtain data can allow us to make such One of the most common cause of death, gastric cancer, kind of conclusion: good sleep physical and mental activi-

*Key words:* hippocampus dentate gyrus neurogenesis **References:** 

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