

Production of Antitumor Agents from Novel Marine Actinomycetes Isolated from Alexandria, Egypt

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Editorial

The need for novel anticancer agents is a must because of; the development of multidrug resistance in patients, the Long-term treatment with cancer drugs is also associated with severe side effects, the cytotoxic drugs have the potential to be very harmful to the body unless they are very specific to cancer cells. So, new drugs that will be

more selective for cancer cells will be more safe and healthy for human. The obtained active marine natural products of novel actinomycetes were tested through three replicates (R) using colon cell line in comparison to the common used chemotherapeutic agent (5-fluorouracil) (Figure 1)

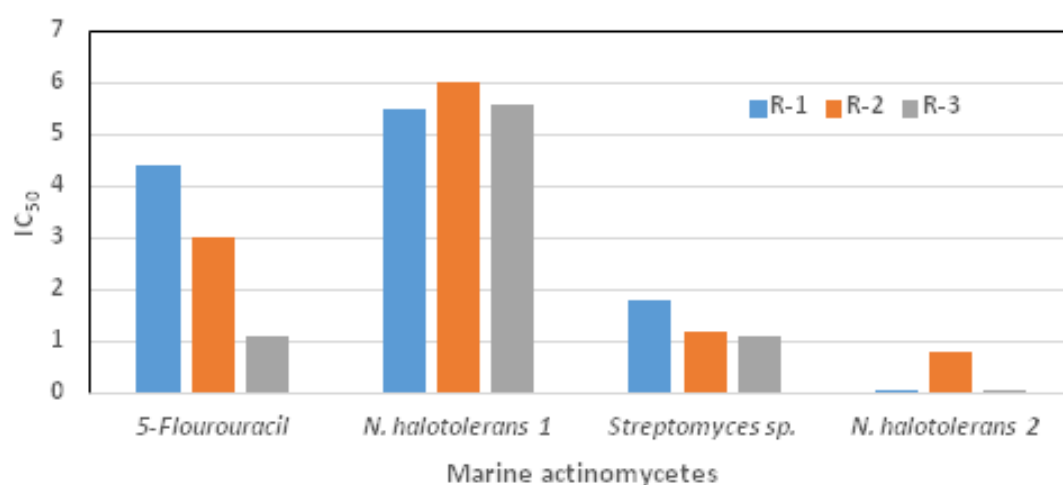


Figure 1: The activity of different marine actinomycetes against colon cell line.