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### **Microalgae as a source of cosmetic products**

*Dunaliella salina* and *Haematococcus pluvialis* are listed as having no toxin. *Dunaliella salina* and *Haematococcus pluvialis* have long been known as the richest source of  $\beta$ -carotene and astaxanthin. They are currently cultivated commercially in several countries in the world. The main functions of both strains are antioxidant, antiaging. They can be used as nutrition supplement and natural ingredients for cosmetics. This makes them an important product for protecting and refreshing sensitive skin one. Many cosmetics products are appeared in the global market based on both strains. *Haematococcus pluvialis* is an organism that can produce the highest amount of astaxanthin which is often called the king of antioxidant, photoprotectant.

### **Biography**

Farouk Kamel El-Baz was graduated from Cairo University, Cairo. He is a Professor of Biochemistry. He was the Vice President of National Research Centre during the period 2001-2005, awarded the highest state of Egypt Prize of Merit in Advanced Technological Sciences (2008) and Scientific Merit Award in Agric. Sciences of NRC, 2007. The principal investigator (PI) of biodiesel production from algae as a renewable energy source project - which was funded by EU 2014-2017. He is also the PI of Industrial Pharmaceutical Alliance (NRC) sponsored by the Academy of Scientific Research and Technology (Egypt). He published 156 papers in International Journals, he has Supervised 18 Thesis, and serving as the reviewer of many International Journals.

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