

International Conference on

GASTROINTESTINAL CANCER AND THERAPEUTICS

4th World Congress on

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DIGESTIVE & METABOLIC DISEASES

26th Annual Congress on

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CANCER SCIENCE AND TARGETED THERAPIES

October 29-30, 2018 | San Francisco, USA



Mohamed El Far

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Breakthrough in photodynamic therapy of tumors: Our 40 years experience from bench to clinical applications

We will present an overview of our long-term team(s) experiences in photodynamic therapy (PDT) of tumors by Lasers from drug discovery to clinical applications. Main topics: (1) Our search for ideal tumor localizers and photosensitizers. (2) Modification and synthesis of newly developed photosensitizers to enhance the efficacy of PDT. (3) Novel approaches for the removal of skin photo-toxicity after PDT treatment. (4) Our newly developed technique for diagnosis and treatment of bladder cancer using 5-ALA as well as the mechanism of its biodistribution and action. (5) The potential use of other light sources in PDT. (6) PDT- clinical applications. (7) Where do we go from here?

Biography

Mohamed El Far worked in the biochemistry field for 40 years, published over 90 peer-reviewed papers. He received Fulbright & British council fellowships several times, German DAAD grant to establish PDT Program at Munich, received US-AID grant to establish PDT unit in Egypt. He is serving on the editorial boards/Editor to four international journals. Acts as UNESCO expert in science and technology. He served as visiting professor to the University of California, Utah laser center, Mayo clinic, and Cardiff and Swansea Universities, UK several years. Member of International Photodynamic Association and Royal Society of Chemistry, UK. Selected among top 100 scientists 2012.

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