14ᵗʰ World Cancer & Anti-Cancer Therapy Convention

November 21-23, 2016   Dubai, UAE

Mohamed El Far

Mansoura University, Egypt

Photodynamic therapy of cancer from bench to clinical application: Overview of 35 years experience

Lecture will review our potential long term team experience over more than 35 years in this field. Presentation will address present current state of art of using PDT in the treatment of certain types of cancers, experimentally and clinically. It covers a variety of topics related to the uses, for the first time, natural photosensitizers as tumor localizers in PDT of certain types of tumors, bio-distribution and selective in vivo tumor localization of endogenous porphyrins induced and stimulated by 5-ALA as a developed technique in our laboratories and its clinical applications, synthesis and in vivo biological evaluation of some newly developed 5-ALA derivatives and porphyrins, the uses of not only laser in PDT of tumors but also halogen lamps as a source of light in tumor PDT, and our clinical application of PDT of tumors in Egypt.

Biography

Mohamed El Far worked in Biochemistry field for 40 years, published over 90 peer-reviewed papers. He received Fullbright and British Council fellowships several times as well as German DAAD Grant to establish PDT Program at Munchen; he also received US-AID grant to establish PDT unit in Egypt. He is serving on the editorial boards and is Hon. Editor to three international journals. He acts as UNESCO Expert in science and technology. He served as Visiting Professor to University of California as well as Utah Laser Center and also Mayo Clinic for several years. He also served as a Visiting Professor to Cardiff and Swansea Universities, UK. He is a Member of International Photodynamic Association and Royal Society of Chemistry, UK. He is selected recently as expert and consultant for biochemistry in the National Committee of Supreme Council of Universities in Egypt; which is the highest nation honor.

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Page 22