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**Nationality:** Egyptian, born on 18 October, 1942; married with daughter and son.

**Scientific Societies:**

- Chairman of the Egyptian National committee of Pure and Applied Biophysics (1995-present), Academy of Scientific Research and Technology (ASRT).
- Chairman of the Egyptian Society of Pure and Applied Biophysics (ESPAB) (1999-present).
- Member of the Supreme Commission for the Promotions of Physics Professors, Al Azhar University (1999-2005).
- Elected Council member of IUPAB (1999-2002, 2002-2005), (2008- 2011).
- Member of o International Council for Science ICSU, Academy of Scientific Research & Technology (2002-2005).
- Member of the National Network of Radiation Physics (NNRP), Atomic Energy Authority, Egypt (AEA-Egypt) (1996-present).
- Principle investigator of the feasibility study for the establishment of the National Institute of biophysics, sponsored by the Egyptian Academy of scientific research & technology Cairo, 1985-1986.
- Member of the Committee for the Advancement of Undergraduate & Postgraduate Programs, Faculty of Science, Al Azhar University (2002-2005, 2007-2008).
- Member of Experts committee of biophysics (UNESCO) 1984-1988.
- Member of governmental Awards Committee for prizes of science and technology advancement.

**Editorial Boards:** Editorial Secretary of the *Egyptian Journal of Biophysics and Biomedical Engineering* (1990-present), the National center for Information documentation (NIDOC), Dokki, Giza, Egypt.

## **Papers:**

Morsy RM., Elhusseiny FA., Elnimr T., **El-Gohary MI.**, 2007, Effects of Long Term 10.5 GHz Microwave Exposure on Frequency of EEG Components in Awake Adult Rats. Second Arab Conference of Biophysics and mathematical modelling, Al Azhar University, Saleh Abdallah Kamel, Center for Islamic Economic, 21-23 Aug. 2007. Cairo, Egypt.

**El Gohary MI.**, Saleh A., El Deeb AA., 2005, Calculation of dose by pencil beam and Clarkson Models, Cairo Satellite Meeting of the 15<sup>th</sup> International Biophysics Congress 4-5 September 2005, Azhar Conference center, Cairo, Egypt, 25.

**El Gohary MI.**, Kamal GM., Ashour I., Abdalla SA., Aly AM., (2003). Modeling and simulation of rat's brain activity exposed to cellular phone handset irradiation, Arab Conference of Biophysics 23-25 Aug. 2003, Cairo, Egypt, 37.

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**El Gohary MI.**, Mohy El-Din SM., Abdel Baset MS., Adel-Aal NS., Saleh NA., (2003). <sup>1</sup>H-NMR spectroscopy for renal failure patients, Arab Conference of Biophysics 23-25 Aug. 2003, Cairo, Egypt, 59.

**El Gohary MI.**, Salama AA. Eraba KH. M.T, El-Tahawy, N. El-Rasheedy A. (2003), Role of Natural antioxidant on EEG of rat's brain after exposure to  $\gamma$ -irradiation, Arab Conference of Biophysics 23-25 Aug. 2003, Cairo, Egypt, 64.

**El Gohary MI.**, Mohamed ASA, Kamal GM, Awad SM. (2004). Mathematical modeling of visual system. Al-Azhar Bull Sci 15: 59-68.

Gehan T, EL-Basyoni, Wafa I, Abdl-Fattah, **El Gohary MI.** (2004). Gamma dose dependence of calcium phosphate growth on DFDBA subsequent to SBF immersion. Egypt J Sol 27: 135-147.

**El Gohary MI**, Eraba KhMT, Gamal TM, Boghdady HN, El Abiad N. (2006). The influence of microwave irradiation on sleep disorders and electrical activity of rat's brain. Egypt J Biophysics. Biomed Eng 7: 28-37.

**El Gohary MI**, Eraba KhMT, T. El-Sayed M, Mekkawy H. (2006). Effects of chronic cigarette smoking on behaviour, EEG power spectrum, EEG activation ratio and visual evoked potential of freely moving rats. Egypt J Biophys Biomed Eng 7: 38-54.

**El Gohary MI**, Mohamed ASA, Dahab MM, Ibrahim MA, El Saied AA, Ayoub HA. (2007). Diagnosis of epilepsy by artificial neural network. Egypt J Biophys Biomed Eng 8: (in press).

## **Books:**

An Introductory treatise on Biophysics. UNESCO, 2006.

## **Patent:**

Techniques to have bone medical devices of selfassembled and composites of chitosan and biologically inspired by hydroxyapatite, (54) .