



**Higher Technological Institute, 10th of Ramadan City**

**Biomedical Engineering Dep.**

**Name:** Mervat El Sayed Mohamed Badawy .

**Date of Birth:** 27 March 1956

**Nationality:** Egyptian.

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**Mobile:** 01093324071

**Current Organization:** Higher Technological Institute.

**Current Position:** Lecturer in Biomedical Eng. Dept.

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### **Education:**

#### **Associate Prof - 2013:**

**Associate Prof.** of Pediatrics from the Scientific Committee of Pediatrics of Supreme Council of Universities on 14/5/2013

#### **M.D. in - 1996:**

M.D. Degree in Pediatric Medicine Ain -Shams University, Nov. 1996 (Good), Dept. of Pediatric Medicine.

**Thesis:** Thesis: entitled “Cardiac performance in Juvenile Diabetes ”.

#### **M.Sc – 1985:**

**M.Sc.** in Pediatric Medicine in May 1985 (Very Good), From Dept. of Pediatric Medicine,  
Ain Shams University.

Thesis entitled “ Effect of phototherapy on platelet count in Neonatal Jaundice ”

**M.B.,B.Ch.** in Medicine and Surgery in Dec.1980 (Very Good With Honour), Ain Shams  
University, Faculty of Medicine.

**Graduation Grade:** (Very Good with honour).

### **Academic Work Experience:**

**Teaching assistant:** Pediatrician in the Dept. of Medical Research

The Egyptian Academy of Scientific Research and Technol (3/82- 4/2001 )

Visiting resident (Hematology and Oncology Clinic-Pediatric Clinic of Diabetes-Neonatal  
incubator Care Unit. Univ. of Ain-Shams Hospitals, Dept. of Pediatric Medicine( 6/82-8/86)

**Visiting Lecturer :** El-Mataria Teaching Hospital (8/97-11/97)

**Lecturer :** Higher Technological Institute, 10th of Ramadan City, Biomedical Engineering  
Dep.(April,2001-till now)

**Associate professor:** 14/5/2013 -till now.

Higher Technological Institute, 10th of Ramadan City, Biomedical Engineering Dep.

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### **Academic Courses:**

- 1- Analytical Instruments and Bioanalysis
- 2- Biomedical Equipment,
- 3- Clinical Engineering,

- 4- Management Systems and Health Care Deliver,
- 5- Hospital systems Design and Organization
- 6- Rehabilitation Equipment.
- 7- Biomechanics and Rehabilitation Equipment.
- 8- Psychology.
- 9- Physiology,
- 10- Physiology ,Anatomy.
- 11- Ultrasound and Doppler Equipments,
- 12- Biology.

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### **Research Interest:**

- **Pediatric hematology and oncology**
- **juvenile diabetes mellitus**

### **Publications:**

1- A.S.Khalifa, Eman Monir, Mervat El-Sayed Mohamed Badawy and Eman A.Ismail.,(2006),"

-Tocopherol (Vitamin E) As an Antioxidant and Free Iron( Non- Transferrin Bound Iron) As Free Radical Oxidant in Hemolytic Anemias" Egyptian Journal of Paediatrics Vol.23, No 1&2( March&June), 75-95,2006.

2- Amal Abd El-Hamid Mohamed, Mervat El Sayed Mohamed Badway.,(2005),"Proteosome

As Marker In Children With Hematological Malignancy: Correlation With Cytogenetic

Abnormalities, Standard Prognostic Factors And Patients Outcome" Egyptian Journal of Haematology Vol(30) Number(3) June, 2005.

- 3- Amal Abd El-Hamid Mohamed, Mohsen El-Keiy, Mervat El Sayed Mohamed Badawy, Mohamed Abo Sekkin.,(2004)," Erythropoietin And Anti-Erythropoietin Antibodies Among Anaemic Children With Systemic Lupus Erythematosus: Relation To Type of Anemia And Disease Activity" AL-Azhar Journal of Ped, Vol.7, No.1,January,67-78,2004.
- 4- Awad Alla M., Salem M., Ayoub A., El-Etriby A. and Badawy M. E.M., (1992)," Left Ventricular Performance Study in Children with Insulin Dependent diabetes Mellitus (IDDM)", Egyptian Journal of Paediatrics Ain-Shames Medical Journal, Vol. 27, April, 1991.
- 5- Awad Alla M. and Badawy M. E.M., (1985), " Effect of Phototherapy o Platelet count in Neonatal jaundice", Egyptian Journal of Paediatrics, Vol. 9, Sept., 1985.
- 6- Abeer A. Abdelmaksoud, \*Mervat E. Badawy, and \*\*Wael M. El-Kilany,(2008)" Prevalence of pulmonary hypertension in children and adolescents with hereditary hemoglobinopathies: Role of QT dispersion" Al-Azhar Journal of Pediatrics;11(2): 75-91, June 2008.
- 7- <sup>1</sup>Galila M. Mokhtar, <sup>2</sup>Amal A. Mohamed, <sup>1</sup>Abeer A. Abdelmaksoud, <sup>\*1</sup>Mervat E. Badawy, <sup>3</sup>Rehab S. EL-Hagracy (2010),"ZAP-70 Expression in Acute Lymphoblastic Leukemia:Relation to Patients' Prognosis and Cytogenetic Risk Groups" The Egyptian Journal of Hematology; 35(3):251-259,June 2010

8- Mona Rashad<sup>1</sup>, Nermine H. Amr<sup>1</sup>, Mervat E. Badwy<sup>2</sup> and Heba H. Elsedfy<sup>1</sup>(2008)  
"Craniofacial proportion and anthropometric measurements among growth hormone deficient Egyptian children." Egypt. J. Med. Hum. Genet. Vol. 9, No. 2, Nov. 2008

9- Ibrahim A. Abu-Skeen, MD, Amal A. Mohamed, MD, Nevine N. Moustafa, MD, Mervat E. Badawy, MD.(2010) Factor V Leiden and Prothrombin G20210 A gene mutations in women with a history of thrombosis during pregnancy, relation to pregnancy outcomes for mother and fetus

Saudi Medical Journal 2010; Vol.31(2): 123-129

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### **Supervision of Ph.D. and M.Sc. thesis:**

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### **International Organizations Membership:**

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### **Attended Conferences / Symposiums:**

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### **Training Courses:**

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