

## CURRICULUM VITAE

**Name** : Amina Rabei Ahmed ELgezeery  
**Nationality** : Egyptian  
**Social status** : Married  
**Address** : جامعة الإسكندرية – معهد البحوث الطبية - قسم الوراثة  
 الإنسانية. 165 طريق الحرية - الحضرة البحرية - الرقم  
 البريدي 21561. الإسكندرية. جمهورية مصر العربية  
**E-mail address:** aminaelgezeery@gmail.com

### Qualifications:

**November 1970-1974** : B.Sc. Biochemistry with “Very Good” Grade  
 Faculty of Science  
 Alexandria University

**1974-1976** : Special Course for Preparing Master Degree in  
 Biochemistry with “Very Good” Grade  
 Faculty of Science  
 Alexandria University

**1977-1978** : Special Study Course for Preparing the Medical  
 Researcher  
 Medical Research Institute  
 Alexandria university

**1978-1982** : Master Degree in Human Genetics with “Excellent” Grade  
 Medical Research Institute.  
 Alexandria university

**1992** : Ph.D. in Biochemical Human Genetics

**Experience:**

- 2006- now** : Ass. Prof. Human Genetics Department.  
Medical Research Institute  
Alexandria University
- 1992** : Lecturer  
The Human Genetic Department  
Medical Research Institute  
Alexandria University  
Egypt
- 1984** : Assistant Lecture  
The Human Genetic Department  
Medical Research Institute  
Alexandria University
- 1974** : Undergraduate Laboratory Supervisor  
Faculty of Science  
Alexandria University

**Publications:**

- 1- Down syndrome and diabetes mellitus. Egypt. J Med Sci., 6 (2) 1985, 217.
- 2- Prevention of genetic disorders start in early life. Proceeding of the First National Conference of the Egyptian Pediatric Genetic society, 1993, p 64.
- 3- Clinical genetics and biochemical studies on mucopolysaccharidosis. J Med. Res. Instit, 1993, 14 (4), 227.
- 4- Inheritance of vitiligo. J Med Res Instit, 1993, 14 (6), 17.

- 5- Genetic study in mentally retarded children. Proceeding of the Fifth National Conference of Egyptian Pediatric Association, Alex. 1993, P7.
- 6- Consanguinity and inbreeding coefficient among genetically determined disorders in Egypt. Bull. High. Instit, Pub. Health. 1995, 25 (4), 849.
- 7- True homozygosity among Egyptian phenylketonurics, a DNA study and inbreeding coefficient evaluation. Egypt. J. Med. Sci. 1995, 16 (2), 475.
- 8- HHV-6 infection of mammaline cells in vitro. Saudi J Ophth 2002, 16 (1), 3.
- 9- Hereditary persistence of fetal hemoglobin and genetic heterogeneity in Alexandria. Egypt. Bull High Instit Pub. Health . 2004, 34 (2), 459.
- 10- Diphosphoglycerate and phenotypic severity of sickle cell disease, Bull High Instit pub Health. 2004, 34 (3), 651.
- 11- Inborn errors of metabolism among suspected patients referred to the genetics clinic in Alexandria. Bull High Instit Pub Health. 2005, 35 (1), 203.
- 12- Newborn Screening for certain treatable inborn errors of metabolism, in Alexandria. Bull High Instit Pub Health 2005, 35 (3), 537.
- 13- Prothrombin G20210A Mutation in women with preeclampsia in Alexandria. Bull High Instit Pub Health. 2004, 35 (4), 841.
- 14- X-linked disorders among patients with suspected genetic disorders attending genetic clinic in Alexandria. Alex J Pediat. 2006, 20 (1), 169.
- 15- BRCA 1 gena mutation in familial breast cancer . Turkish J Cancer.2008.38(4),167-74 .
- 16- Ghrelin Arg51Gln Polymorphism in Egyptian patients with type II diabetics mellitus. Bull High Instit Pub Health. 2008, 38 (1), 188-99.
- 17-Autosomal Dominant Genetic Disorders Among Patient Attending the Genetic Clinic of Medical Research Institute . . Alex J Pediat. 2009, 23 (1), 165-70.

- 18- On the protective effect of omega-3 against propionic acid-induced neurotoxicity in rat pups. *Lipids in Health and Disease* 2011, 10:142
- 19- Otosclerosis: Association of COLIA1 Sp1 Binding Site Polymorphism in Alexandria, Egypt. *Asian Biomedicine*. 2012; 6(5).
- 20-Molecular Genetic Characterization of Glucose- 6-Phosphate Dehydrogenase Deficiency. *Alex J Pediat*.2012; 26(2):79
- 21- The neurotoxic effect of clindamycin - induced gut bacterial imbalance and orally administered propionic acid on DNA damage assessed by the comet assay: protective potency of carnosine and carnitine. *Gut Pathogens* 2013, 5:9
- 22- Non-viral gene therapy. *Life Science Journal* 2013;10(4): 2971- 91
- 23- Neurochemical changes in brain after fetal exposure to fluoxetine, a serotonin reuptake inhibitor (SRI) in rodents *Current Proteomics*, 2019, Vol. 16

### **Supervision**

- 1- “Studies of the effects of 2,3 diphosphoglycerate concentration on the sickling and oxygen affinity to hemoglobin in sickle cell anemia. “MSc in Biochemistry”.
- 2- The pituitary-testicular hormones and fertility in male patients with chronic renal failure disease undergoing hemodialysis. “MSc in Biochemistry”.
- 3- A molecular study of BRCA 1 gene in breast cancer families. “MSc in human genetics”.

- 4- Neonatal screening and molecular genetic characterization of G6 PD deficiency in Alexandria. “MSc in human genetics”.
- 5- Associations of Inflammatory and Bone Turnover Markers to Circulating PTH and Vitamin D Status among Postmenopausal Women with and Without Osteoporosis. “MSc in biochemistry”

### **Conferences:**

- 10th Conference of the Medical Research Institute on recent diagnostic and Therapeutic Approaches, October 8-10th 2003. MRI. Alex.
- 9<sup>th</sup> Annual Scientific Conference. Tanta University, Faculty of medicine. 1 April 2004.
- 10<sup>th</sup> Annual Scientific Conference. Tanta University, Faculty of medicine. 19 may 2005.
- 11th Conference of the Medical Research Institute on Evidence – Based Medicine, November 23-25th 2005. MRI. Alex.
- 13th conference of the Medical Research Institute on Advances in Medical Research "Liver Diseases" held from 21-23 November, 2007.
- 14th Conference (2nd international) of the Medical Research Institute about Advances in medical Research “Oncology” from bench ..... to bedside, October 29th -31st 2008, Alex. Egypt.
- 15th conference (3rd international) of the Medical Research Institute on Advances in Medical Research " from molecular medicine to clinical applications” held from 20-23 October, 2009.

- 4<sup>th</sup> international Conference on Drug Discovery and Therapy.  
Feb.12-15, 2012. Dubai,UAE.
  
- 5<sup>th</sup> International Conference on Biomarkers and Clinical  
Research April 15-17, 2014 St Hilda's College - University of  
Oxford, UK

### **Research participation:**

- 1- Study of chromosomal aberrations in spontaneous Abortion:  
Chromosomal Tissue Culture from the Abortus.
- 2- Chromosomal Study in Testicular biopsy and blood culture in Infertile Men.
- 3- National Project on the effect of Radiation on Chromosomes.
- 4- National Project in the Newborn Screening for Treatable Inborn Errors  
of Metabolism in Egypt.