

## **CURRICULUM VITAE**



# **Dr. Eman Abd-Alaleem Amer**

Associate Prof. of Medical Biochemistry  
& Molecular Biology  
Faculty of Pharmacy, Ahram Canadian University  
6<sup>th</sup> October – Egypt

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**Year: 2023**

## Curriculum Vitae

### BIOGRAPHICAL BACKGROUND

<b>Name:</b>	Eman Abd Al-Aleem Amer
<b>Sex:</b>	Female
<b>Place of Birth:</b>	Cairo, Egypt
<b>Citizenship:</b>	Egyptian
<b>Marital Status:</b>	Married
<b>Telephone No.:</b>	Mobile: (+20) 01222454585
<b>E-Mail Address:</b>	dr_eman_amer@yahoo.com
<b>Current Position:</b>	Associate professor of Medical Biochemistry, (Faculty of Pharmacy, ACU University, 6 <sup>th</sup> October, Egypt)

### EDUCATION

1. **Bachelor of Pharmaceutical Sciences**, Faculty of Pharmacy, Tanta University.
2. **Pre-master courses:** Immunology
3. **Special courses:** molecular biology, virology, immunology and basic biochemistry.
4. **Master Degree:** in biochemistry, Faculty of Medicine, Zagazik University (**Plasma Rennin Activity and Aldosterone Level in Breast and Bottle Fed Infants**).
5. **MD. Degree:** in biochemistry, Faculty of Medicine, Cairo University, (**Pattern and Frequency of viral Infection in Acute Lymphoblastic Leukemia**).

## OCCUPATIONAL BACKGROUND

1. **Associate professor of Biochemistry** (Faculty of Pharmacy, ACU University) Since April 2014 till now).
2. **Lecturer of Biochemistry** (Biochemistry Dept., Faculty of Pharmacy, MSA University, 6<sup>th</sup> October, Egypt) September 2008 to September 2010).

## PROFESSIONAL ACCOMPLISHMENTS AND AWARDS

1. Workshops in Molecular Biology (PCR), Immuno blot and the recent Techniques in detection of Gene mutation, beside the **International Conference of the Egyptian Society of Clinical Chemistry 2000.**
2. Workshop in Molecular Biology Techniques (Western blot, Northern blot, Southern blot) on side of **Annual Scientific Conference of Egyptian Society of Haematology 2009.**
3. Workshop in tissue culture and Stem cell Separation Techniques on side of **Annual Scientific Conference of Egyptian Society of Haematology 2000.**
4. Head of the **Quality Assurance Unite** Faculty of Pharmacy, ACU University 2014 until 2019.
5. Workshop entitled: Application of Pharmacy NARS from content to competency – based Curricula
6. Training programs of National Authority of Quality Assurance and Accreditation of Education (**NAQAAE**):

- a. Institutional self-evaluation for higher education
- b. Learning outcomes and curriculum maps for higher education institutions
- c. External review of higher education
- d. Strategic planning for higher education institutions

## CONFERENCES PARTICIPATION

1. Conference at the learning resource center El-Kasr Al-Ainy entitled: Molecular biochemistry in declaration and clarification of mysteries of health and disease – 2018
2. Workshop: The learning Resource center El-Kasr Al-Ainy entitled: The complete western blot work flow station and quantification – 2018
3. 8<sup>th</sup> international Scientific Conference of Faculty of Pharmacy – Cairo University entitled: Pharmacy in Egypt Ensuring access to health – 2017
4. National conference at 6<sup>th</sup> October University entitled: Advances in Biochemistry and Molecular Biology in Diagnosis and treatment – 2016
5. Annual Conferences of Clinical Pathology Department Tanta University from (1995-2009).
6. Annual Conferences of the Egyptian Society of Haematology from (2000-2010).
7. Annual Conferences of the Egyptian Society of Clinical Chemistry from (1995-2009).
8. International Society of Haematology (European and African Division) Conference in Viena (1993).
9. International Society of Haematology Conference (European Division) in Stockholm - Sweden (1997).

10. Arab International Conference of Clinical BIOLOGY and Chemistry in Rabat - Morakish 3/6/2010.
11. International Conference of Laboratory Haematology 2009 in USA - Las. Vegas with poster Presentation titled:  
**Frequency of FLT3 Mutation in Acute Myeloblastic Leukemia in Egyptian Children International Journal of Laboratory Haematology**

## Publications

1. The Impact of lncRNA-GAS5/miRNA-200/ACE2 Molecular Pathway on the Severity of COVID-19. *Curr Med Chem.* 2024;31(9):1142-1151. doi: 10.2174/0929867330666230515144133. PMID: 37190816.
2. Evaluation of KCTD12 and Cripto-1 as novel upregulated proteins participating in breast cancer development and drug resistance. *Egyptian Journal of Chemistry*, 2022, 65.1: 1-2
3. Effect of Lisinopril and Verapamil on Angiotensin 2 and Endostatin in Hypertensive Diabetic Patients with Nephropathy: A Randomized Trial. *Horm Metab Res.* 2021 Jul;53(7):470-477. doi: 10.1055/a-1517-6643. Epub 2021 Jul 19. PMID: 34282598.
4. Expression of miRNAs-122,-192 and -499 in end stage renal disease associated with acute myocardial infarction - *Archives of Medical Science – Termedia* - 2019
5. Role of Microvesicles miRNA222 Derived From Adipose Mesenchymal Stem Cells on Retinal Tissue Regeneration of Streptozotocin Induced Diabetes in Rabbits - *Journal of Circulating Biomarkers – SAGE* - 2018
6. Expression of Beclin-1 and apoptosis-related genes in childhood acute lymphoblastic leukemia *Archives of Medical Science - Civilization Diseases – Termedia – 2017*

7. Expression of Beclin-1, Bcl-2, Bcl-xL, Bad, and Bax in HCV Patients in Relation to Grade of Hepatic Fibrosis Archives of Infectious Diseases & Therapy – PAST – 2017
8. Evaluation of the salivary level of MIR-21 in cigarette smokers: case-control study - Egyptian Dental Journal – EDJ – 2017
9. Camel's wharton jelly mesenchymal stem cell is a novel tool for regeneration of induced diabetes mellitus Journal of Translational Science – OAT – 2017
10. Clinical significance of SNP (rs2596542) in histocompatibility complex class I-related gene A promoter region among hepatitis C virus related hepatocellular carcinoma cases Journal of Advanced Research – EL-SEVIER – 2017
11. Thrombo-hemorrhagic liability in children with congenital heart diseases Hematology/Oncology and Stem Cell Therapy - EL-SEVIER - 2017
12. Toll-like Receptor Gene Polymorphism and Susceptibility to Tuberculosis; Chest Journal, October 2009.
13. Frequency of FLT3 mutation in Acute Myeloblastic leukemia in Egyptian Children International Journal of Laboratory Haematology (In Press 12-2010)
14. Paraoxonase Activity and Paraoxonase gene Polymorphism in type II Diabetes Mellitus Arab Journal of clinical chemistry (In Press 9-2010).
15. Clinical Significance of HOX 11L2 and HOX 11 genes expression in T-A11 patients: Egyptian Journal of Haematology, January 2010.
16. Eid, M. A., Elgamal, B. M., Ezat, G. M., Amer, E. A., & Salem, H. A. (2012). Prognostic Value of Cyclin E and Cyclin Dependent Kinase Inhibitor (P27) Gene Expression in Non-Hodgkin's Lymphoma. *LIFE SCIENCE JOURNAL-ACTA ZHENGZHOU UNIVERSITY OVERSEAS EDITION*, 9(2), 692-699.

17. Abdu, S. H., Shahin, D., Mohamed, R., Salem, H. A., Amer, E. A., & Mohamed, M. Clinical significance of HOX11L2 and HOX11 gene expression in T-ALL patients.
18. Frequency and prognostic significance of FLT3 gene mutations (FLT3-ITD and FLT3-D835) in Egyptian childhood acute myeloblastic leukemia. The Egyptian Journal of Haematology, Volume (35), Number (2), March 2010.
19. Female sex hormone in women with primary epilepsy. Tanta Medical Sciences Journal Vol. (6), No. (4), October 2011: PP 71-78.
20. Khodeir, S. A., Abd El Raouf, Y. M., Amer, A. E., El Fadaly, N. H., & Abd El Latif, E. A. (2012). Paraoxonase gene polymorphism and activity in type 2 diabetes mellitus with microvascular complications. J Am Sci, 8(1), 531-537.
21. Eid, M. A., Elgamal, B. M., Ezat, G. M., Amer, E. A., & Salem, H. A. (2012). Prognostic Value of Cyclin E and Cyclin Dependent Kinase Inhibitor (P27) Gene Expression in Non-Hodgkin's Lymphoma. LIFE SCIENCE JOURNAL-ACTA ZHENGZHOU UNIVERSITY OVERSEAS EDITION, 9(2), 692-699.
22. The Role of JAK2-V617f and BCR-ABL Fusion Detection By Real-Time PCR In Risk-Stratification of Thrombocytosis Arab. J. Lab. MED. (2013) Vol. 39, No. 3 : 579-593.
23. Cystatin C a Real-Time Biomarker for Glomerular Filtration Rate in Critically-ill Patients with End stage Liver Disease. Arab. J. Lab. MED. (2013) Vol. 39, No. 3 : 465-473
24. Diagnostic Utility of Serum and Synovial Fluid Adenosine Deaminase Activity and its Isoenzymes in Rheumatoid Arthritis Patients

## TEACHING EXPERIENCES

1. Teaching basic biochemistry Courses For 4 Semesters in Faculty of pharmacy-MSA University From 2008-2010.
2. Teaching Biochemistry Courses (Metabolism) For 4 Semesters in Faculty of Pharmacy -MSA University 2008-2010.
3. Clinical Biochemistry and Molecular Biology lectures
4. Practical Courses in Biochemistry for 4 semesters in Faculty of pharmacy - MSA - University 2008 – 2010
5. Teaching Basic and Clinical Biochemistry courses for 6 semesters in Faculty of Pharmacy – ACU.
6. Teaching Metabolism and Elective clinical nutrition courses for 4 semesters in Faculty of Pharmacy – ACU from February 2010 till now.
7. Teaching clinical nutrition course
8. External examiner in the final exam of Biochemistry in Tanta University, Zagazig University, Mansura University and 6 October University, MSA University, Cairo University, Ain Shams University

## LANGUAGE

**Arabic:** Mother tongue

**English:** Excellent, Talking and writing (TOFEL Score: 523)

## COMPUTER SKILLS

Excellent in driving the Microsoft office (word, excel, access, and power point)

Advanced excel using



## REFERENCES

1. **Prof. Dr. Mohamed El-Khashab** Prof of BioChemistry, Faculty of Medicine - Cairo University
2. **Prof. Dr. Olfat shaker** Prof of BioChemistry, Faculty of Medicine - Cairo University

## THANK YOU

*Dr. Eman Abd Al-Aleem Amer*