

# Curriculum Vitae

Essam Mohamed Mohamed Ahmed Abdalla, MD

---

Professor of Clinical & Chemical Pathology  
Clinical Pathology Department - Faculty of Medicine  
Suez Canal University, Ismailia, EGYPT

Nationality : Egyptian  
Date of birth : 12 December 1955

Home Address : Villa 15, ring road, Ismailia city, EGYPT  
Tel : +20 (64) 3235621 – +20 (64) 3235622 Mobile: +20 (122) 3473762  
Email : emabdalla@gmail.com



## **EMPLOYMENT**

---

2016-\_\_\_\_\_: Emeritus Professor, Clinical & chemical Pathology

2016-2019: Member of the Standing Committee for Promotion of Assistant Professors of Clinical & chemical Pathology.

2013-2016: President of Clinical & chemical Pathology Departement, Faculty of Medicine, Suez Canal University.

2000-2013: Professor, Clinical & chemical Pathology, Supervisor of Clinical Chemistry Lab of Suez Canal University Hospital (650 Beds). Faculty of Medicine, Suez Canal University, Ismailia, Egypt.

2000 - 2010: Chief Director of students' control, Faculty of Medicine, Suez Canal University, Ismailia, Egypt.

2004 - 2007: Chief Director of Registration, Medical statistics and Hospital network department, Suez Canal University Hospital, Ismailia, Egypt.

1996 - 2000 : Associate Professor, Clinical & Chemical Pathology, Faculty of Medicine, Suez Canal University, Ismailia, Egypt.

1991 - 1996 : Lecturer, Clinical Pathology, Faculty of Medicine, Suez Canal University, Ismailia, Egypt.

1985-1991 : Assistant Lecturer, Clinical Pathology, Faculty of Medicine, Suez Canal University, Ismailia, Egypt. Running an M.D Thesis and collaborating in excutation of the medical laboratory curriculum.

1981-1985 : Resident, Clinical Pathology, Faculty of Medicine, Suez Canal University, Ismailia, Egypt.

1980-1981 : Military service as house officer in Aguza Rehabilitation Hospital, Cairo, Egypt.

1979-1980 : House officer, Cairo University hospitals in rotating internship, Cairo, Egypt.

## EDUCATION

---

- \* **1990: M.D.** (Clinical Pathology) in December, 1990: Faculty of Medicine, Suez Canal University, Ismailia, Egypt.  
**MD Thesis:** Short lived suppressor cells in hepatitis B and/or schistosomiasis.
- \* **1984: M.Sc.** (Clinical Pathology), December, 1984: Faculty of Medicine, Suez Canal University, Ismailia, Egypt.  
**Master Thesis:** Phase I: A study of materno-fetal transmission of hepatitis B virus.
- \* **1978: M.B.B.CH.** December, 1978: Graduated from Faculty of Medicine, Cairo University, Egypt, and obtained the degree of M.B.B.Ch ( Honours).

## RELEVANT EXPERIENCE

---

- An intensive training course (one week) in Blood Banking Services in DIAMED medical lab, Switzerland (1995).
- Condensed training course (one week) in Diagnostic Molecular Techniques (PCR), held in London, UK (1995).
- A nine months intensive training course (1/7/1995 - 31/3/1996): Advanced medical training in Clinical & Laboratory Haematology and Bone Marrow Transplantation and the related Recent Molecular Biological Techniques: Institute For Clinical Research, Kumamoto National Hospital, Kumamoto University, JAPAN.
- A Short Condensed Course on Application of Flow Cytometry in Clinic Practice, 28-30 April, 1998, Faculty of Medicine, Suez Canal University with the accordance of The European Group of Clinical Cell Analysis.

## Membership of Scientific Committees

---

- Egyptian Society of Laboratory Medicine (member of Scientific Committee)
- Egyptian Society of Hematology (member)
- American Association of Clinical Chemistry (AACC)

## Attendance of Medical Conferences:

---

### **National:**

- Annual meeting of Egyptian Society of Laboratory Medicine
- Annual meeting of Egyptian Society of Haematology
- Annual Scientific Meeting of Faculty of medicine – Suez Canal university

### **International**

- Annual meeting of Tumor Markers
- 6th Meeting of The European Haematology Association 21-24 June 2001 Messe Congress Center Frankfurt, Germany
- The international Society of Thrombosis and Haemostasis March 2-3, 2000 -Alexandria, Egypt - (ISTH)
- 18<sup>th</sup> International Congress of Biochemistry & Molecular Biology Beyond the genome, 16-20 July 2000, Birmingham, England
- 52nd American Association of Clinical Chemistry (AACC) Annual 23-27 July 2000 – San Francisco, California, USA
- EHA 21 -24 June 2001, Messe Frankfurt, Germany.
- The 12th Asian-Pacific Congress of Clinical Biochemistr. APCCB 2010 October 3~7, 2010 Coex, Seoul, Kore.
- AACC Annual Meeting July 25-29, 2010, Anaheim, CA, USA
- IFCC WORLDLAB ISTANBUL 2014 22nd International Congress of Clinical Chemistry and Laboratory Medicine (IFCC Worldlab 2014). 26th National Congress of the Turkish Biochemical Society (TBS 2014). 22-26 June 2014 ISTANBUL, TURKEY ISTANBUL CONGRESS CENTER
- AACC Annual Meeting July 27-31, 2014, Chicago IL, USA
- 4th Joint EFLM – UEMS Congress. Laboratory Medicine at the Clinical Interface. 21st – 24th September 2016 Double Tree by Hilton, WARSAW, POLAND.
- Roche International Meeting, Dubai April 2018.

## PUBLISHED ARTICLES

---

- 1) 1988: HCV-RNA and Anti HCV-IgM in Egyptians Bearing IgG Anti-HCV Antibodies. *EJMM* Vol. 7, July, Sept. 1988, No. 3, 4.
- 2) 1995: Liver injury in diabetic patients with hepatitis C virus antibodies. *Sci J Cai Med Synd* Vol. 7, No. 4, Oct. 1995. Poster in 52nd AACC Annual Meeting. 23-27 Jul 2000, San Francisco, USA.
- 3) 1997: Maternal carriage and vertical transmission of group B streptococci. *The Journal of the Egyptian Society of Obstetrics and Gynecology* Vol.23 No. 10, 11 & 12. Oct., Nov., Dec. 1997.
- 4) 1998: Point mutations in the runt domain of the AML1 gene in myeloblastic leukemia cells. *British journal of haematology*, 1998.
- 5) 1999: Biallelic and Heterozygous Point Mutations in the Runt Domain of the *AML1/PEBP2aB* Gene Associated with Myeloblastic Leukemias. *Blood*, Vol 93, No. 6 (March 15), 1999: pp 1817-1824.
- 6) 1999: Plasma immunoreactive Endothelin-1 in hyperlipidemic patients and smokers as risk groups for cardiovascular diseases. *Egypt.J. Lab. Med.* Vol(11), No.(2)., 1999, 415-433. Poster presentation in the Tenth Annual Conference of the Egyptian Society of Laboratory Medicine, 7-9 April, 1999, Cairo, EGYPT. Poster Presentation in 52nd AACC Annual Meeting. 23-27 Jul, 2000, San Francisco, USA.
- 7) 1999: HCV-RNA and anti-HCV IgM in Egyptian subjects bearing IgG anti-HCV antibodies. July 1999, *Japanese Journal of Infectious Diseases* 52(3):113-6.
- 8) 1999: Procedures For Differentiating Obstructive From Non-Obstructive Azoospermia. *Egypt. J. Androl. Reprod.*, Vol. 13, No. (1), Jan. 1999. Poster Presentation in 52nd AACC Annual Meeting. 23-27 Jul 2000, San Francisco, USA.
- 9) 2000: Activated Factor VII as an Early Marker of Hepatitis-C Virus Related Liver Impairment. The Diagnostic Value of various Non-Invasive Investigative. *Egyptian Journal of haematology*, Vol. (25), No. (3), June, 2000, 477-493.
- 10) 2000: Assessment of Exocrine Pancreatic Function in HCV Associated Chronic Liver Disease Patients Using Fecal Pancreatic Elastase-1 Enzyme Estimation. *The Egyptian Journal of Gastroenterology*, Vol.5 No. 2, June 2000. 197-209. Poster Presentation in 52nd AACC Annual Meeting, 23-27 Jul, 2000, San Francisco, USA
- 11) 2000: Growth Hormone and Somatomedin C levels in Chronic Liver Disease with special reference to Hepatitis C. *The Egyptian Journal of Gastroenterology*, Vol.5 No.1, January, 2000. 1-17.
- 12) 2000: Inhibin B, a Putative Marker of Spermatogenesis: Its Value in Assessment of Patients with Varicocele. *Egypt. J. Derm. & Androl.* Vol. 20, No. 3, June 2000. Poster in 18<sup>th</sup> International Congress of Biochem. & Mol. Biol., 16-20 July, 2000, Birmingham, UK. Poster Presentation in 52<sup>nd</sup> AACC Annual Meeting. 23-27 Jul, 2000, San Francisco, USA.

- 13) 2000: Pancreatic fecal elastase in HCV associated liver disease. October 2000, Biochemical Society Transactions 28(5):A153.3-A153
- 14) 2000: Soluble Intercellular Adhesion Molecule-1 And Soluble L-Selectin Levels In Children With Bronchial Asthma. Egypt J. Lab. Med. Vol (12) No. (1), Feb. 2000, 179-198. Poster in 18th International Congress of Biochemistry and Molecular Biology. 16-20 July 2000, Birmingham UK.
- 15) 2000: Thyroid Autoantibodies and Thyroid Dysfunction In Patients with Chronic Hepatitis C Not Treated by Interferon. Egypt. J. Lab. Med. Vol: (12), No. (1) Feb., 2000. 35-46. And in Jpn. J. Infect. Dis., 52, 113-116.
- 16) 2005: Estimation of oxidized low-density lipoprotein, inter-cellular adhesion molecule-1, and lipoprotein (a) in type II diabetic patients. Suez Canal Univ Med J, Vol (6) No (2) Oct 2005. 197-211.
- 17) 2005: Serum Cystatin C: A new predictor marker for preeclampsia. Suez Canal Univ Med J, Vol (8) No (1) Mar 2005.
- 18) 2013: Evaluation of Effect of Low-Density Lipoprotein Levels on the Measurement of Hepatitis C Viral Load in Chronic Hepatitis C Patients. Suez Canal University Medical Journal, Vol. 16 (2), 2013, Pages 87-93.
- 19) 2015: Serum Manganese, Serum Iron and Ferritin Concentrations among Welders of Shipyard of Arab Contractors in Ismailia City. The Egyptian Journal of Community Medicine Vol. 33 No. 3 July 2015.
- 20) 2016: Association of leptin receptor gene polymorphism and leptin resistance with insulin resistance in obese Egyptians. Egypt. J. Lab. Med. Vol. (28) No.1, February 2016, 51 – 58.
- 21) 2016: Correlations between Selenium Levels and Diabetes Mellitus Type 2 in Chronic Hepatitis C-Infected Patients. Suez Canal University Medical Journal Vol. 19 (1), 2016 Pages 48-59.
- 22) 2019: Assessment of Occupational Stress Index and Lipid Profile among Professional Drivers in Ismailia City, Egypt. Proceedings 2019, 6(1), 7; <https://doi.org/10.3390/IECEHS-1-05713>.
- 23) 2024: Occupational exposure to aluminum and cognitive performance. Egyptian Journal of Occupational Medicine, 2024; 48 (2): 75 – 89.
- 24) 2024: Assessment of Serum and Urinary Adiponectin as Biomarkers in Type 2 Diabetic Patients with Diabetic Nephropathy. Suez Canal University Medical Journal, Volume 27, Issue 3, March 2024.

### **Articles Published between 1992-1997 in Egyptian Medical Journals**

1. Plasma level of apolipoprotein A & B and leucocytic alkaline phosphatase in patients with diabetes mellitus : The effect of glycemic control.
2. Increased neutrophil alkaline phosphatase activity is a useful indicator of exposure to stress condition.
3. The effect of storage on fibronectin level in plasma cryoprecipitate.
4. Fibrinolytic parameters and natural inhibitors of blood coagulation in patients with acquired lupus anticoagulant : Relation to clinical thrombosis or/and fetal loss.
5. Serum interleukin 6 level in treated rheumatoid arthritis and osteoarthritis.
6. Does long term use of NSAIDs induce iron deficiency anemia.
7. A possible contribution of iron overload and hepatitis C to the liver injury in multitransfused hemodialysis patients.
8. Effect of prolactin hormone on the secretion of insulin hormone from rats pancreatic cells.
9. Liver injury in diabetic patients with hepatitis C virus antibodies.
10. The value of tumor markers CEA and CA15.3 in the preoperative evaluation and post operative follow up of patients with cancer breast: A prospective study.
11. Seroconversion rate after measles vaccination in Ismailia governorate.
12. Glucose intolerance in hepatitis C virus induced chronic liver disease.
13. Response to hepatitis B vaccine in relation to serum zinc level.
14. Effect of oral folate on infantile diarrhoea.
15. Clinical and pathological factors affecting gall stone formation.
16. Pathological changes in gall bladders associated with gallstones.

**Chief Supervisor of Medical Postgraduate Thesis**  
**Faculty of medicine – Suez Canal UNIVERSITY**  
**ISMAILIA - EGYPT**

---

- 1) 1997: Plasma immunoreactive endothelin-1 in hyperlipidemic patients and smokers as risk groups for cardiovascular diseases, (Suez Canal University MD thesis 1997).
- 2) 1999: Growth hormone and somatomedin C levels in chronic liver disease with special reference to hepatitis C, (Suez Canal University, MS thesis 1999).
- 3) 2000: Assessment of glucocorticoids in hepatitis C virus associated chronic liver diseased patients, (Suez Canal University, MS thesis 2000).
- 4) 2000: Evaluation of the role of eosinophils in bronchial asthma in children, (Suez Canal University, MS thesis 2000).
- 5) 2000: Exocrine pancreatic function in HCV associated chronic liver disease (Suez Canal University, MS thesis 2000).
- 6) 2000: Superoxide dismutase activity in hepatitis C virus associated chronic liver diseases, (Suez Canal University, MS thesis 2000).
- 7) 2000: The effect of induction of ovulation on glucose tolerance test in women with polycystic ovary, (Suez Canal University, MS thesis 2000).
- 8) 2001: Estimation of oxidized low-density lipoprotein, inter-cellular adhesion molecule-1, and lipoprotein (a) in type II diabetic patients, (Suez Canal University, MD thesis 2001).
- 9) 2003: Trace elements in anemic children, (Suez Canal University, MS thesis 2003).
- 10) 2004: Evaluation of serum cystatin C as a marker for glomerular filtration rate in type 2 diabetes mellitus patients, (Suez Canal University, MS thesis 2004).
- 11) 2004: Serum Cystatin C: A new predictor marker for preeclampsia, (Suez Canal University, MS thesis 2004).
- 12) 2006: Hepcidin: A New Marker of Iron Homeostasis, (Suez Canal University, MS thesis 2006).
- 13) 2007: Interferon gamma: genetic association with atopic diseases, (Suez Canal University, MS thesis 2007).
- 14) 2008: Apolipoprotein E polymorphism as a risk factor for myocardial infarction in young adults (Suez Canal University, MD thesis 2008).
- 15) 2008: Study of C282Y and H63D hemochromatosis gene mutations (HFE gene) in HCV chronic liver disease patients with and without iron overload (Suez Canal University, MD thesis 2008).
- 16) 2009: Effect of malnutrition inflammation complex syndrome on the sensitivity of ELISA for diagnosis of hepatitis C viral infection in hemodialysis patients, (Suez Canal University, MS Thesis 2009).
- 17) 2009: Evaluation of effect of low-density lipoprotein levels on the measurement of hepatitis C viral load in chronic hepatitis C patients, (MD thesis 2009).
- 18) 2011: Interleukin-18 as a Potential Marker of Liver Cirrhosis in Chronic Hepatitis C patients, (Suez Canal University, 2011 MS).
- 19) 2011: Lipopolysaccharide-binding protein as a potential marker for diagnosis and therapeutic monitoring of infective endocarditis, (MS Thesis Suez Canal University 2012).

- 20) 2013: Assessment of Relation Between Small Dense Low-Density Lipoprotein and Diabetic Nephropathy in Patients with Type 2 Diabetes at Suez Canal University Hospital, (Suez Canal University MS, 2013 MS).
- 21) 2013: Assessment of The Effect of Cadmium and Chromium Exposure on Renal Tubular Function Among Welders of Contract in Ismailia, (Suez Canal University, 2013 MS).
- 22) 2013: Toll-Like Receptor 7 Gene Polymorphism in Chronic Hepatitis C Virus Patients and Its Effect on Response to Interferon Therapy, (Suez Canal University 2013 MD).
- 23) 2014: Serum Manganese, Serum Iron and Ferritin Concentrations Among Welders of Shipyard of Arab Contractors in Ismailia City, (Suez Canal University, 2014 MS).
- 24) 2015: Assessment of Vitamin K1 Leaving in Patients with Chronic Kidney Disease (Al-Azhar University 2015 MD).
- 25) 2016: Association of Leptin Receptor Gene Polymorphism and Leptin Resistance with Insulin Resistance in Obese Egyptians, (Suez Canal University 2016 MD Thesis).
- 26) 2016: Association of Selenium Deficiency and Diabetes Mellitus Type 2 In Chronic Hepatitis C Virus (HCV) Infected Patients, (Suez Canal University 2016 MS).
- 27) 2016: Vitamin D Deficiency and Increased Risk of Type II Diabetes Mellitus in Patients with Chronic Hepatitis C Virus (HCV), (MS Suez Canal University, 2016).
- 28) 2017: Assessment of Beta Trace Protein as a New Marker for Development And Progression of Diabetic Nephropathy in Type 2 Diabetic Patients, (Suez Canal University 2017 MS).
- 29) 2017: Assessment of Serum Asymmetrical Dimethylarginine as a Potential Biomarker for the Development of Diabetic Nephropathy in Type 2 Diabetic Patients, (Suez Canal University, 2017 MS).
- 30) 2018: Occupational Stress and Lipid Profile: A Study Among Drivers of Suez Canal Authority in Ismailia City, (Suez Canal University 2018 MD Industrial Medicine and Occupational Health Department).
- 31) 2019: Association of Tumor Necrosis Factor (TNF) Alpha Promoter Polymorphism with Diabetic Nephropathy in Type 2 Diabetic Patients, (Suez Canal University 2019 MS).
- 32) 2019: Fibroblast Growth Factor 23 Level as a Potential Marker of Renal Involvement in Type 2 Diabetes Mellitus Patients, (Suez Canal University, 2019 MS).
- 33) 2019: Glucose Transporter 1 Gene HaeIII Single Nucleotide Polymorphisms and Diabetic Nephropathy: Evidence from Egyptian Patients with Type 2 Diabetes Mellitus, (Suez Canal University 2019 MD).
- 34) 2019: Serum Uromodulin Level as A Potential New Marker of Renal Involvement in Type 2 Diabetes Patients, (Suez Canal University 2019 MS).
- 35) 2019: Urinary Liver Fatty Acid Binding Protein as A Biomarker for The Development of Diabetic Nephropathy in Type II Diabetic Patients, (Suez Canal University 2019 MS).
- 36) 2019: Urinary Tubular Enzymes as a Screening Markers of Renal Dysfunction in Type 2 Diabetic Patients, (Suez Canal University 2019 MS).
- 37) 2023: Assessment of Serum and Urinary Adiponectin as Biomarkers in Type 2 Diabetic Patients with Diabetic Nephropathy, (MS Suez Canal University, 2023).
- 38)** 2025: Association of High Mobility Group Box-1 Gene rs1412125 Single Nucleotide Polymorphism with Diabetic Nephropathy in Type II Diabetic Patients, (MD Suez Canal University, 2025).

## Referee for Medical Postgraduate thesis

---

- 1) 1999: Spotlights on carnitine and its relation to disease, (MS, Ain Shams University 1999).
- 2) 2000: Anticardiolipin antibodies in HCV-associated chronic liver disease, (MS, Suez Canal University 2000).
- 3) 2000: Plasma matrix metalloproteinase 1 and its tissue inhibitors as new laboratory predictors of tumor invasion and metastasis in patients with prostate cancer (MD, Ain Shams University 2000)
- 4) 2001: Hemodialysis-induced leukocyte expression of adhesion molecules, MAC-1 and L-selectin, in hepatitis C-virus infected and uninfected patients (MS, Suez Canal University 2001)
- 5) 2001: Role of cyclic adenosine monophosphate as second messenger (MS, Ain Shams University 2001)
- 6) 2006: Assessment of pentosidine and indoxyl sulfate in uremic patients as indicators of effectiveness of hemodialysis, (MD- Ain Shams University 2006).
- 7) 2006: Identification of calreticulin as a novel marker for bladder cancer (MS, Ain Shams University 2006)
- 8) 2007: Clinical utility of urinary telomerase activity in bladder cancer patients, (MS, Ain Shams University 2007).
- 9) 2007: Interferon gamma: genetic association with atopic diseases, (Suez Canal University 2007).
- 10) 2009: A study of monocyte scavenger receptor CD36 in type 2 diabetic patients, (MS, Monofeya University 2009).
- 11) 2009: Androgen receptor and prostate in health and disease, (MS, Zagazik University 2009).
- 12) 2009: YKL-40: A novel prognostic biomarker in cancer, (MS, Ain Shams University 2009).
- 13) 2010: Role of genomics and proteomics as markers for breast cancer, (MS, Azhar University 2010).
- 14) 2011: Mutational Analysis of Bone Morphogenetic Protein 15 (BMP15) and Inhibin alpha Gene in Egyptian Females with Ovarian Failure, (Cairo University 2011 MD).
- 15) 2011: Phenotypic and genotypic relatedness of nosocomial bacterial infections isolated from surgical wards in Suez Canal University Hospital, (MS Suez Canal University 2011).
- 16) 2011: Serum Interferon Gamma Level in Chronic Hepatitis C Patients Receiving Pegylated Interferon plus Ribavirin Therapy as a Predictive Factor to Early Viral Response, (Suez Canal University 2011 MS).
- 17) 2012: Syndecan-1 (CD138) expression in non-Hodgkin lymphomas, (MS Suez Canal University 2012).
- 18) 2013: Diagnostic Value of Neutrophil Gelatinase-Associated Lipocaline in Detection of Renal Impairment in Thalassemic Patients Attending Suez Canal University Hospital, (Suez Canal University 2013 MS).
- 19) 2015: Evaluation of The Possible Diagnostic Role of Serum Golgi Protein 73 In Occurrence of Hepatocellular Carcinoma in Patients with Hepatitis C Virus-Related Liver Cirrhosis, (Suez Canal University 2015 MS).
- 20) 2016: Association of Endothelial Nitric Oxide Synthase Gene Polymorphism and Metabolic Syndrome Patients, (Suez Canal University 2016 MS).

- 21) 2016: Bsm1 Gene Polymorphism of the Vitamin D Receptors in Breast Cancer Patients, Relationship to Obesity, (MS Mansoura University 2016).
- 22) 2016: Bsm1 Gene Polymorphism of The Vitamin D Receptor in Breast Cancer Patients, Relationship to Obesity, (Mansoura University MD 2016).
- 23) 2016: Comparative Clinicopathological Studies on The Effect of Some Antidiabetic Agents In Albino Rats, (Suez Canal University, Faculty of Veterinary Medicine 2016 MS).
- 24) 2018: Assessment of The Coagulation Factor V Gene Polymorphisms in Coronary Heart Disease Patients in Ismailia, (Suez Canal University 2018 MS).
- 25) 2018: Urinary Photo Cousin as A Marker for Early Detection of Glomerular Dysfunction in Patients with Type 2 Diabetic Nephropathy, (Menoufia University 2018 MS).
- 26) 2019: Assessment of The Level of Micro RNA 135A as a Potential Biomarker for The Development of Diabetic Nephropathy in Type 2 Diabetic Patients, (Suez Canal University 2019 MD).
- 27) 2020: Long Intergenic Non-Coding RNA Regulator of Reprogramming (linc-ROR) Expression in the Serum of an Egyptian Cohort of Breast Cancer female Patients, (MD, Suez Canal University 2020).
- 28) 2023: Serum and Urinary Fatty Acid-Binding Protein 1 Levels as Markers for Diabetic Nephropathy in Type II Diabetes Mellitus, (MS, Suez Canal University 2023).