

Name: Asmaa Mohamed Zahran

Date of Birth: 07/05/1974.

Gender: Female.

Nationality: Egyptian.

Place of Birth: Assiut.

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Work Address:

Flow Cytometry Lab, Clinical Pathology Department, South Egypt Cancer Institute, Assiut University, Assiut, Egypt.

Current Occupation:

Lecturer of clinical pathology, South Egypt Cancer Institute, Assiut University, 2010

Director of Chemistry Lab

Quality Manager of Flow cytometry Lab and Blood Transfusion Center

Education:

- M.B.B.CH, September 1999, Faculty of Medicine, Assiut University, Egypt.
- A Master degree in Clinical Pathology, April 2004, Faculty of Medicine, Assiut University, Egypt.
- M.D. in Clinical Pathology and Laboratory Investigations of Malignant Diseases: South Egypt Cancer Institute, Assiut University; 2010.

Work Experience:

- 1- House officer for one year in Assiut University Hospital from 1/3/2000 to 1/3/2001.
- 2- A resident in Oncological Clinical Pathology Department, South Egypt Cancer Institute for 3 years, 2001-2004, getting an experience in general laboratory techniques in hematology, clinical chemistry, hemostasis, immunology and bacteriology and in diagnosing hematological malignancies and immunophenotyping.
- 3- An assistant lecturer in Oncological Clinical Pathology Department, South Egypt Cancer Institute for 5 years, 2005- 2010.
- 4- Lecturer in Oncological Clinical Pathology Department, South Egypt Cancer Institute, 2010.

Field of Specialization:

Flow cytometry

Immunoematology.

Chemistry

Thesis:

- 1- Master degree: Immunophenotyping of acute leukemia in South Egypt Cancer Institute.
- 2- Doctor degree: Flow Cytometric Platelet Cross Matching and Human Leukocyte Antigens (HLA) Typing for Assessment of Alloimmunization in Patients with Acute leukemia.

Special Interest:

- 1- Flow cytometry
- 2- HLA diagnostic technique
- 3- Immunology
- 4- Hematology
- 5- Chemistry
- 6- Blood transfusion

Membership:

Egyptian Society of Hematology and Research

Publications:

1. Rabie H, Elsayh IK, **Zahran AM**. Re-evaluation of Primary Congenital Hypothyroidism using Tc-99m Thyroid Scan. Alexandria Journal of Pediatrics. Volume 21; Number 3: September 2007.
2. Sayed D, Bakry R, El-sharkawy N, **Zahran AM**, Khalaf MR. Flow cytometric platelet cross-matching to predict platelet transfusion in acute leukemia. Journal of Clinical Apheresis, 2011, 26:23–28.
3. **Zahran AM**, Elsayh KI. CD4+CD25+High FoxP3+ Regulatory T Cells, B Lymphocytes, and T Lymphocytes in Patients with Acute ITP in Assiut Children Hospital. Clin Appl Thromb Hemost. 2012 Aug 14.
4. Ahmed Hussein, Mahmoud Abd-ElRahman, Khaled Hussein, Mohamed Mohamed, Safaa Tohamy, Asmaa M Zahran. Flow cytometric analysis of DNA ploidy and S-phase fraction in salivary gland tumor. Al-Azahar Journal of Dental Science, 2012;15 (3): 251-256.
5. **Zahran AM**, Elsayh KI, Metwalley AK. Regulatory T cells in children with recently diagnosed type 1 diabetes. Indian J Endocr Metab, 2012. 16 (6): 952-957.
6. Elsayh KI, **Zahran AM**, El-Abaseri TB, Mohamed AO and El-Metwally TH. Hypoxia Biomarkers, Oxidative Stress, and Circulating Microparticles in Pediatric Patients with Thalassemia in Upper Egypt. Clin Appl Thromb Hemost. Published online before print January 11, 2013, doi: 10.1177/1076029612472552
7. Zahran AM, Elsayh KI, Sahar E.M. El-Deek, Mona A.H. El-Baz. Oxidative Stress, Trace Elements, and Circulating Microparticles in Patients With Gaucher Disease Before and After Enzyme Replacement Therapy. *CLIN APPL THROMB HEMOST* May 22, 2013 1076029613489595
8. Elsayh KI, **Zahran AM**, Ismail L Mohamed, Sanaa Shaker Ali. Dendritic Cells in Childhood Sepsis. Journal of critical care, 2013, 28: 881.e7-881.e13.

9. Badrawy H , Elsayh KI, **Zahran AM**, Mohamad Hamdy EL-Ghazali. Platelet Antibodies, Activated Platelets and Serum Leptin in Childhood Immune Thrombocytopenic Purpura. Acta hematol, 2013; 130(4):312-8. doi: 10.1159/000353384.
10. Elsayh KI, **Zahran AM**, Hekma S Farghaly. Dendritic cells frequency and phenotype in Egyptian Type 1 diabetic patients. Accepted in Journal of diabetes of developing country. Int J Diabetes Dev Ctries, October 2013; DOI 10.1007/s13410-013-0143-1
11. **Zahran AM**, Hosny Badrawy, Abeer Ibrahim. Prognostic value of regulatory T cells in newly diagnosed chronic myeloid leukemia patients. Accepted in Int J Clin Oncol, 2013 Sep 26, DOI 10.1007/s10147-013-0615-9.
12. Khalid I Elsayh, Douaa M Sayed, Asmaa M Zahran, Khaled Saad, Gamal Badr. Effects of pneumonia and malnutrition on the frequency of micronuclei in peripheral blood of pediatric patients. Int J Clin Exp Med 2013;6(10):942-950 www.ijcem.com /ISSN:1940-5901/IJCEM1309017
13. Khaled Saad, Khalid I. Elsayh, Asmaa M. Zahran, and Karema M. Sobhy. Lymphocyte populations and apoptosis of peripheral blood B and T lymphocytes in children with end stage renal disease. Ren Fail, Early Online: 1–6-2014. Informa Healthcare USA, Inc. DOI: 10.3109/0886022X.2013.875833.
14. Ismail Lotfy Mohamad, Khalid I. Elsayh,, Hanaa A. Mohammad, Khaled Saad, **Asmaa M. Zahran**, Alameldin M. Abdallah, M. S. K. Tawfeek, Eman M. Monazea. Clinical characteristics and outcome of children stung by scorpion. Eur J Pediatr DOI 10.1007/s00431-013-2244-8
15. **Asmaa M. Zahran**, Sanaa Shaker Aly, Khalid I. Elsayh, Ahlam Badawy, and Yasser Gamal. Glucocorticoid receptors expression and histopathological types in children with nephrotic syndrome. Ren Fail, Early Online: 1–6-2014. Informa Healthcare USA, Inc. Article no: LRNF_A_917936
16. Ismail Lotfy Mohamad & Khalid I. Elsayh & Hanaa A. Mohammad & Khaled Saad & **Asmaa M. Zahran** & Alameldin M. Abdallah & M. S. K. Tawfeek & Eman M. Monazea. Clinical characteristics and outcome of children stung by scorpion. Eur J Pediatr. DOI 10.1007/s00431-013-2244-8
17. Ahmed M Hussein' Mahmoud A Abd-El Rahman, Khaled A Hussein, Mohamed A Mohamed, Safaa M Tohamy, **Asmaa M Zahran**. Flow

cytometric analysis of DNA ploidy and S phase fraction of salivary gland tumors. Al-Azhar Journal of Dental science. 2012, 15(3):251-256.

18. Zedan A, **Zahran AM**, Maximos DW, Hassan MSF. The role of Circulating Tumor Cells (CTCs) in Predicting the Response of Primary (Neoadjuvant) Chemotherapy and its Impact as a Prognostic Factor in Early Breast Cancer. SECI Oncology, 2014

19. Shibl A., Sayed HA, **Zahran AM**, Abdel Hadi SS. Fms-Like Tyrosine Kinase 3 expression in Childhood Acute lymphoblastic Leukemia at South Egypt Cancer Institute, Assiut University, Egypt. SECI Oncology, 2014

Scientific Participation:

1. Training courses of Faculty and Leadership Development Center (10 courses; How to compare for a research fund; How to write a research proposal; Student evaluation, Research ethics)
2. The flow cytometry workshop, El-Azhar University, Cairo, 2003
3. The First (April 2004) and 4th (February 2011) conferences of South Egypt Cancer Institute.
4. Flow cytometry Lab workshops in South Egypt Cancer Institute, Assiut University: The first (Basic and principals of flow cytometry), 2nd (Clinical Applications of Flow Cytometry) March 2006 and third (Flow cytometry: a sensitive analytic tool for small populations) February 2008.
5. The 2nd international conference of Egyptian Society of Hematology and Research, February 2006, Cairo, Egypt.
6. The 7th international flow cytometry workshop, BMT Lab, National Cancer Institute. October 2008, Cairo.
7. Annual conferences of Internal Medicine Department, Faculty of Medicine, Assiut University.
8. Annual conferences of Pediatric Department, Faculty of Medicine, Assiut University.
9. Annual conference of Clinical Pathology Department, Faculty of Medicine, Assiut University.
10. Workshops in South Egypt Cancer Institute: Recent Advances of Pathology Services in Cancer Management, October 2010.

11. Training course of How to compete for A research fund; FLDC; October 2010
12. Scientific activities of the congress of Assiut Digestive Diseases Week, November 2010.
13. Training course of student evaluation; FLDC; December 2010
14. The 5th annual conferences of The Egyptian Association of Viral Hepatitis. May 2011.
15. Training course of Research Ethics; FLDC; July, 2011
16. Flow cytometry Lab workshops in South Egypt Cancer Institute, Assiut University: ISO 15189 in Medical Laboratories. October, 2011.
17. Training course in ISO 15189:2007 in South Egypt Cancer Institute, 16-19 November 2011.
18. The 11th scientific conference of Pediatric Department, Faculty of Medicine, March, 2012
19. Training course in Internal Audit in South Egypt Cancer Institute, February, 2012
20. Training course in introduction to medical Statistic with the use of SPSS package. February, 2012
21. Training course in safety in Medical Laboratory in South Egypt Cancer Institute, 2012
22. The 5th Annual conferences of South Egypt Cancer Institute; Cancer in Young Age. May 2012
23. The 9th international conference of Egyptian Society of Hematology and Research, October, 2012, Cairo, Egypt.
24. The 6th Upper Pediatric Congress, the Upper Pediatric Association, October .2012
25. 2nd Training course in safety in Medical Laboratory in South Egypt Cancer Institute, 2012
26. The 29th Annual conferences of Faculty of Medicine, Assiut University, December 2012
27. A workshop Difficulties and risk management of quality in medical labs Nov. 2012
28. A workshop on ISO 15189 in Blood Banks. 4-5th Nov. 2012
29. Workshops of ISO 15189 in Forensic and toxicology Labs. Faculty of Medicine, Assiut University, Nov. 2012
30. The 31th international conference of Egyptian Society of neonatal and preterm care (ESNPC). February, 2013.

31. Training courses of FLDC; Strategic Planning. March, 2013
32. Training courses of FLDC; Legal and Financial Aspect in University Environment. April, 2013
33. The 6th Beni -Suef Pediatric conference (Pediatric Updates). April, 2013
34. The international Thalassemia Day; The 14th international Thalassemia conference , May 2013
35. Training courses of FLDC; Quality Standards in Teaching. October ,2013
36. Training course in ISO 15189.2012, 14-18 August, 2013.
37. A workshop on ISO 15189 in Clinical Chemistry Lab. October. 2013
38. Training course in Internal Quality Control in Lab at Assiut University, February 2014
39. Training course in Measurement of Uncertainty at Assiut University. February 2014
40. Training on Facs canto Flowcytometry at FCL. South Egypt Cancer Institute, Assiut University
41. Flow cytometry Lab workshop (New practical application of 8 colors Flowcytometry) at FCL. South Egypt Cancer Institute, Assiut University. February,2014
42. Training course in Internal Audit in South Egypt Cancer Institute, March 2014
43. Annual conferences of South Egypt Cancer Institute (15 years experience in SECI, Past and Future) at Assiut University. April 2014
44. The 30th Annual conferences of Faculty of Medicine, Assiut University, April 2014
45. The 11th international conference of Egyptian Society of Hematology and Research, October, 2014, Cairo, Egypt.
46. The 9th Upper Pediatric Congress, the Upper Pediatric Association, November, 2014
47. The 12th scientific conference of Pediatric Department, Faculty of Medicine, January, 2015

Supervision

1. M.D. Thesis: FLT3 Expression and its Impact on Pediatric Acute lymphoblastic Leukemia in South Egypt Cancer Institute by Azza Shebl Sayed (Assistant Lecturer at Pediatric Oncology Department), South Egypt Cancer Institute, Assiut University.
2. M.D. Thesis: The role of circulating tumor cells as a novel biological marker in predicting the response of neoadjuvant chemotherapy and its impact as a prognostic factor in locally advanced breast cancer. By Marwa Saber Fadel (Assistant Lecturer at Medical Oncology Department), South Egypt Cancer Institute, Assiut University.
3. M.Sc. Thesis: Flow cytometric analysis of DNA ploidy and SF fraction in salivary gland tumors. By Ahmad Mohamed Hussien (Demonstrator in Oral and Dental Pathology Department). Faculty of Dental Medicine. Al-Azhar University, Assiut Branch.
4. M.Sc Thesis: Assessment of bone marrow fibrosis in chronic myeloid leukemia patients treated with imatinib mesylate by ahmed makboul ahmed. resident of oncological clinical Pathology, South Egypt Cancer Institute, Assiut University.
5. M.D Thesis: Promotor Methylation status of RASSF1A gene in oral squamous cell carcinoma. By Ahmad Hussien Gaper Ahmad (Assistant Lecturer in Oral and Dental Pathology Department). Faculty of Dental Medicine. Al-Azhar University, Assiut Branch.
6. M.Sc Thesis: CD39 expression in CLL patients by Shimia Abd-elazeam, resident of oncological clinical Pathology, South Egypt Cancer Institute, Assiut University.
7. M.Sc Thesis: Serum immunoglobulin paraprotein in patients with chronic lymphocytic leukemia by Fatma Rashed, resident of oncological clinical Pathology, South Egypt Cancer Institute, Assiut University.
8. M.Sc Thesis: Influence of High Expression of Smac/DIABLO Protein on The Clinical Outcome In Acute Myeloid Leukemia Patients, by Abdelriheam Saber Ahmed; Resident of clinical pathology, Qena Faculty of Medicine South Valley University.

9. M.D Thesis: Prognostic impact of regulatory T cells in Non Hodgkin lymphoma by Hisham Haddad Maroof, Investigator in medical oncology department, South Egypt Cancer Institute. Assuit University
10. M.D Thesis: Telomere length as a biological marker in Leukemic patients: Detected by Flow-FISH Technique by Shimaa Gafer Mansour, Assisstant Lecturer of Oncological Clinical Pathology
11. M.D Thesis Micropartical in diabetic retnopathy by Israa Mostafa. Al-Azhar University, Assiut Branch.
12. Flow cytometryic detection of regulatory B-cell in patients with autoimmune thrombocytopenia, By Doaa Metwally Ebrahim, MB B Ch, Faculty of Medicine –ALazhar University.
13. Flowcytometric Detection Of Leukemic Stem Cells In Acute Myeloid Leukemia, By Marwa Saadalla Yousef, MB B Ch, Faculty of Medicine -Souhag University

Projects

1. Director of a project “Development of Clinical Chemistry Lab. South Egypt Cancer Institute Assiut University and preparation of Accreditation”.
2. Director of a project “Development of Ttumor Markers and Hormones. South Egypt Cancer Institute Assiut University and preparation of Accreditation
3. Co- director of a project “Development of Flow Cytometry Lab. South Egypt Cancer Institute Assiut University and preparation of Accreditation”.
4. Co- director of a project “Development of Flow Cytometry Lab. South Egypt Cancer Institute Assiut University, STDF.
5. Member of project “Development of Blood Transfusion Center, South Egypt Cancer Institute Assiut University and preparation of Accreditation”
6. Member of project “Development of Hematology Lab, South Egypt Cancer Institute Assiut University and preparation of Accreditation”