



CURRICULUM VITAE

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Personal Information

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Date of Birth: 1 June, 1987

Marital Status: Married

Nationality: Egyptian

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Current Hospital: South Egypt Cancer Institute, Assiut University

Languages: Arabic, English and German

Current Position

- Lecturer of Clinical Pathology, South Egypt Cancer Institute, Assiut University, Assiut, Egypt (From 28/2/2023 till now).
- Technical Manager of Hematology Unit, Clinical Pathology Department, South Egypt Cancer Institute, Assiut University, Assiut, Egypt.
- Laboratory Supervisor in Cancer Cytogenetics Unit, Clinical Pathology Department, South Egypt Cancer Institute, Assiut University, Assiut, Egypt.
- Unit doctor at Alfa Laboratories – Assiut (From 14/08/2021 till now).

Positions Held

- **House Officer:** Assiut University Hospitals (1/3/2011-28/2/2012).
- **Resident (Clinical Pathology):** South Egypt Cancer Institute (1/3/2012-31/8/2014) [2].
- **Demonstrator (Clinical Pathology):** South Egypt Cancer Institute (1/9/2014-26/1/2016) [2].
- **Assistant Lecturer (Clinical Pathology):** South Egypt Cancer Institute (27/1/2016-27/2/2023) [2].

Qualifications

- **High school diploma (basic education):** Dar Heraa Islamic High School, Assiut, Egypt (2002-2004).
- **M.B.B.Ch:** Faculty of Medicine, Assiut University, Assiut, Egypt (9/2004-9/2010) (**Excellent**) [1].
- **M.Sc. in Clinical Pathology:** Faculty of Medicine, Assiut University, Assiut, Egypt (22/4/2012-20/12/2015) (**Very Good**) [1].
- **M.D. of Clinical Pathology and Oncological Laboratory Medicine:** South Egypt Cancer Institute, Assiut University, Assiut, Egypt (04/2016 – 01/2023) [2].

Experiences

During my work as a resident and as an assistant lecturer, I gained experience in the following activities:

Hematopathology

- Complete blood count (Automated and manual).
- Techniques of bone marrow aspiration and bone marrow biopsy.
- Microscopic examination of peripheral blood smears.
- Microscopic examination of bone marrow aspirate smears and trephine biopsy.
- Examination of bone marrow immunohistochemistry.
- Flow cytometric Immunophenotyping methods, analysis and interpretation of results.

Cancer Cytogenetics

- Techniques of conventional cytogenetic analysis in hematological neoplasms.
- Fluorescence in situ hybridization (FISH) in hematological neoplasms.

Transfusion medicine

- Blood groups, Cross matching and Coombs testing.
- Serological testing for HCV, HBV, HIV and Syphilis.
- Platelet apheresis methods on apheresis instruments.

Clinical Chemistry

- Test methods for liver function tests, kidney function tests and electrolytes and interpretation of results.
- Body fluids analysis.
- Quality assurance and quality control in Clinical Chemistry laboratory.

Quality management

- Quality management system for clinical laboratories according to ISO 15189:2012 requirements.
- Quality coordinator in South Egypt Cancer Institute Clinical Pathology department (SECI-CPD) laboratories, Assiut University.
- Accreditation of Cytogenetics Unit, Clinical Chemistry Unit, Hemato-Oncology Unit and Blood Transfusion Center – South Egypt Cancer Institute by EGAC according to ISO 15189:2012.

Microbiology & Immunology

- C-reactive protein, Rheumatoid factor and ASOT testing by latex.
- Widal and Malta tests.
- Urine and stool analysis.

Training Courses

- Training on **Internal Audit**: 22 - 24 March, 2014.
- Training on **ISO15189:2012 for medical laboratories**: May, 2014.
- Training of **International Publishing of Research**: 1 – 2 September, 2014.
- Training of **Research Team Management**: 7 – 8 September, 2014.
- Training of **Communication Skills**: 13 – 14 September, 2014.
- Training of **Time and Conference Management**: 1 – 2 December, 2015
- Training of **Strategic Planning**: 5 – 6 December, 2015
- Training of **Quality Standards in Teaching (1)**: 20 – 21 December, 2015.
- Training on **Clinical Cytogenetics**: 25 July – 12 August, 2021.
- Training on **Research Ethics**: 23 – 25 November, 2021.
- Training on **Credit Hour System**: 28 – 30 November, 2021.
- Training on **Publication of Research in International Journals**: 5 – 7 December, 2021.
- Training on **Crisis Management**: 18 – 20 December, 2021.
- Training on **Conference Organization**: 4 – 6 January, 2022.
- Training on **Self-Study Preparation for Educational Institution**: 8 – 10 February, 2022.

Workshops

- Apheresis Workshop, Hurghada, Egypt: 6 – 9 October, 2016.
- Updates in Hematopathology Workshop, Assiut, Egypt: 11 – 12 January, 2017.
- Fluorescence In Situ Hybridization in Hematologic Neoplasms, Alexandria, Egypt: 13 – 14 February, 2019.
- Cytogenetic Abnormalities in Hematologic Neoplasms, Alexandria, Egypt: 20 – 21 March, 2019

Conferences

- The 8th International Scientific Conference of SECI, Assiut University, Egypt: October 4 – 5, 2016.
- The 9th International Scientific Conference of SECI, Assiut University, Egypt: October 5 – 6, 2017.
- 2nd European School of Hematology (ESH) e-Conference on How to Diagnose and Treat Acute Leukemia: June 30 – July 2, 2020.
- Annual Saudi Hematology Congress (Virtual conference): March 4 – March 10, 2021
- 1st SECI Medical Oncology (SEMO-ONCO) Conference – March 2023.
- 2nd SECI Medical Oncology (SEMO-ONCO) Conference – April 2024.
- 16th Clinical Annual Scientific Conference of Clinical Pathology, Faculty of Medicine, Assiut University: "Evolution and Pioneering the Future of Clinical Pathology": 18 – 19 February 2025.

Teaching Activities

- Teaching for residents in our department about basics of hematology and hematopathology.

Publications

- Hamed, H., Zahran, A., Gomaa, A., Sayed, N., & Makboul, A. **Long-Term Evaluation of Imatinib's Effect on Bone Marrow Fibrosis in Patients with Chronic Myeloid Leukemia.** International Journal of Research and Reports in Hematology (2019), 2(1), 1-12.
- D. F. Temerik, W. T. El-Mahdy and A. M. Ahmed, **Detection of del(16q) using the CBFB-MYH11 translocation dual fusion probe.** Hematol Oncol Stem Cell Ther (2020), <https://doi.org/10.1016/j.hemonc.2020.02.001>
- Zahran, A.M., Zahran, Z.A.M., Mady, Y.H., Mahran, E.E.M., Rashad, A., Makboul, A., Nasif, K.A., Abdelmaksoud, A.A. and El-Badawy, O. (2021). **Differential alterations in peripheral lymphocyte subsets in COVID-19 patients: upregulation of double-positive and double-negative T cells.** Multidisciplinary Respiratory Medicine. 16, (Jun. 2021). DOI: <https://doi.org/10.4081/mrm.2021.758>.
- A. Makboul, D. F. Temerik and W. T. El-Mahdy **Detection of ABL1 deletion without BCR-ABL rearrangement in ETP-ALL.** Hematology, Transfusion and Cell Therapy (2022), <https://doi.org/10.1016/j.hct.2022.01.016>.
- Elnaggar, M.G., Mosad, E., Makboul, A. et al. **Cytogenetic profile of adult acute myeloid leukemia in Egypt: a single-center experience.** Mol Cytogenet 15, 43 (2022). <https://doi.org/10.1186/s13039-022-00621-1>

- Asmaa M Zahran, Omnia H El-Badawy, Hayam Mahran, Eman Gad, Khaled Saad, Salma G Morsy, Ahmed Makboul, Zeinab Albadry M Zahran, Amira Elhoufey, Hamad Ghaleb Dailah, Khalid I Elsayh **Detection and characterization of autoreactive memory stem T-cells in children with acute immune thrombocytopenia** Clin Exp Med 24, 158 (2024). <https://doi.org/10.1007/s10238-024-01386-0>
- Howaida A. Nafady, Soheir M. Kasem, Hager M. Khedr, Ahmed Makboul, Fatma M. Helbawi **Value of MicroRNA-30a in Philadelphia positive leukemic patients** Egypt J Hematol 50:107-112 (2025). https://doi.org/10.4103/ejh.ejh_86_24

References

[1] Assiut University:

- It was inaugurated in 1957 to encourage research, education and community services in Upper Egypt. It is located in Assiut City which is 375 Km south of Cairo, the capital. The university comprises sixteen faculties and two higher institutions.
- Postal Code No. 71515, Egypt.
- Website: <http://www.aun.edu.eg>

[2] South Egypt Cancer Institute:

- Housed within one of Egypt top research universities, the South Egypt Cancer Institute (SECI) brings together researchers and clinicians dedicated to four fundamental pursuits: basic science research into the causes and events of cancer's progression; clinical research to translate new knowledge into viable treatments; sensitive, state-of-the-art patient care; and programs in epidemiology, prevention, and cancer control. Basic scientists and clinical health care providers work together toward the translation of promising ideas into the creation of new and better treatments for cancer patients everywhere.
- Website: <http://www.aun.edu.eg/SECI/>