

CURRICULUM VITAE

Personal Data:

Name: Hala Saied Zaghloul Seif el- Nasr

Date of birth: 23/11/1963

Birth Place: Cairo-Egypt

Nationality: Egyptian

Religion: Muslim

Correspondence Address:

9 Mohamed Ibrahim Street Agouza, Giza, Egypt

Tel : 02-33458111

Mobile Phone 01004514314

Email: hala_menna_yomna @yahoo.com

Halasaied @ Kasr alainy.edu.eg

Qualifications:

M.B.B.Ch: November 1986, Very Good with Degree of Honor

M.Sc.: Forensic Medicine and Toxicology, November, 1991, with excellent Degree

M.D.: Forensic Medicine and Toxicology, November 1995.

Consultant of Forensic Medicine in Egyptian Medical Syndicate

Past Appointments:

Demonstrator: Forensic Medicine and Toxicology Department, Faculty of Medicine, Cairo University, 1989-1992.

Assistant Lecturer: Forensic Medicine and Toxicology Department, Faculty of Medicine, Cairo University, 1992-1995.

Lecturer: Forensic Medicine and Toxicology Department, Faculty of Medicine, Cairo University, 1995-2000

Assistant Professor: Forensic Medicine and Toxicology Department, Faculty of Medicine, Cairo University, 2000

Present position:

- **Professor of Forensic Medicine and Toxicology, Faculty of Medicine, Cairo University (2005 till now).**

Clinical Experience:

Rotating Intern: Cairo University Hospital 1987-1988

Medical Resident: Radiation Oncology and Nuclear Medicine, Cairo University Hospital 1988-1989

Three months training: in intensive care unit 1990

Teaching Experience:

1. Forensic Medicine & Toxicology for 4th year Grade medical students, Faculty of Medicine, Cairo University since 1989
2. Forensic Medicine & Toxicology for 4th year Grade medical students, Beni Suef Faculty of Medicine, since 1998—2007
3. Forensic Medicine & Toxicology for 4th year Grade medical students, El-fayoom Faculty of Medicine, since 1999 -2007
4. Forensic Medicine & Toxicology for postgraduate medical students, Faculty of Medicine, Cairo University since 2000
5. Training of Kasr El Ainy doctors in turn since 2009-2011.
6. Training of Kasr El Ainy resident doctors since 2009-2011.

Practical & Scientific Activities:

1. Award certificate for an outstanding lecturer, faculty of Medicine Cairo University year 2007-2008
2. Award certificate for an outstanding lecturer, faculty of Medicine Cairo University year 2008-2009
3. Associate Editor of *The Egyptian Journal of Forensic Sciences and Applied Toxicology*, 2003 up till now
4. Organization of the Scientific Symposium of Forensic Medicine & Toxicology Department (The Tie; Medical Ethics, Medical Jurisprudence & the Quality of Medical Education) 2005
5. Organization of the 4th annual Scientific Conference (Environmental Pollution: Hazards & legal Aspects) 2000
6. Chair person in 3rd Egyptian international congress of Medical & Forensic sciences 2008
7. Representative member in **Curriculum and Course Specification Committee**, Faculty of Medicine Cairo University (2008-2012)
8. Training course on HPLC methods in 1998
9. Award certificate for international publication, year 2011-2012

Special Teaching programs: - (Planning and Teaching)

- a. Workshop on the “**Examination of Biological Evidences and DNA Fingerprinting**”, for Criminal Laboratory Experts, Ministry of Internal Affairs (7-22 April, 2001)
- b. Training Course on “**Updated Techniques for Trace Evidence Investigation and DNA Fingerprinting**” for crime scene investigators, Criminal Evidence Department, Ministry of Internal Affairs (1999-2003-2004)

Membership in Professional Associations:

1. Egyptian Association of Forensic Medicine and Toxicology, 1989.
2. Egyptian Society of Bio-Anthropological Sciences, 1999.
3. Egyptian Society of Basic Medical Sciences, 2000.
4. Egyptian Society of Toxicology, 2003.

Training programs & workshops:

1. **Research Ethics** Workshop at MEDC, Faculty of Medicine, Cairo University, 31 March 2005.
2. **Egypt –US Workshop on Anthropology** at the National Research Center in February 2003.
3. **Course Specification Work Shops**” to establish Internal Quality Assurance system held in MEDC from 9-11 October 2004
4. Training course in **“Evidence Based Medicine”** at MEDC, Faculty of Medicine, Cairo University, from 7-9 December 2004.
5. **Professional Development Program** for Medical Faculty Members held in MEDC from 14-25 December 2004.

Conferences Attendance

1. The 24th Scientific Conference of the Egyptian Association of Basic Medical Sciences, Faculty of Medicine, Cairo University, 14 April 2005
2. The 6th Meeting of Beni-Suef Faculty of Medicine, Cairo University : **Health Care in Egypt**, In collaboration with Friedrech Noemen, March 2005
3. The 3rd Annual scientific conference of Beni-Suef Faculty of Medicine, Cairo University : **Clinical application of Molecular Biology**, 24-25 March 2005
4. The 6th Annual scientific conference of “ The Arab Union For Protection Against Addiction” : **Toward a Better Strategy to Deal with Addiction Problems**” November 2004
5. The Annual Kasr El-Aini Medical Congress, Kasr El-Aini, Faculty of Medicine, Cairo University (2004).
6. The 14th Scientific Conference of the Egyptian Society of Bio-Anthropological Sciences, 29 April, 2004.
7. The 23rd Scientific Conference of the Egyptian Association of Basic Medical Sciences, Faculty of Medicine, Cairo University, 15 April 2004.
8. The 22nd Scientific Conference of the Egyptian Association of Basic Medical Sciences, Faculty of Medicine, Cairo University, 17 April 2003.
9. The 13th Scientific Conference of the Egyptian Society of Bio-Anthropological Sciences with Biological Anthropology Department, National Research Center: **Anthropology and Environment**, NRC, Giza, Egypt, 3rd of April, 2003.

10. The 12th Scientific Conference of the Egyptian Society of Bio-Anthropological Sciences with Forensic Medicine and Toxicology Department, Faculty of Medicine Cairo University: Forensic Anthology, Cairo, Egypt, April, 2002.
11. The 2nd Meeting of Beni-Suef Faculty of Medicine, Cairo University: **Human and Medical Rights of Prisoners**, March 2001.
12. The 5th Annual Scientific Conference (**Medicolegal Aspects of Transportation Accidents**): Forensic Medicine and Toxicology Department, Faculty of Medicine, Cairo University, November, 2001.
13. The 4th Annual Scientific Conference (**Environmental Pollution: Hazards & Legal Aspects**): Forensic Medicine and Toxicology Department, Faculty of Medicine, Cairo University, November 2000
14. The meeting on: New trends of Medical Education Approaches to Documentation of torture. Under the auspices of the "International rehabilitation council for torture victims and the embassy of kingdom of Netherlands". Sheraton Cairo Hotel 27 May, 2010
15. The international meeting on: Shedding light on a dark practice. Medicolegal documentation of torture. On 25-26 May, 2011.
16. The fifth Summer School on Domestic Violence: Domestic violence prevention. Kasr Al Aini Medical School, Cairo, Egypt, 3-5 November, 2014.
17. The Sixth Summer School: Gender Based Violence. Pushing Borders: Together we can do more. Kasr Al Aini Medical School, Cairo, Egypt, 1-3 November, 2015.
18. The Sixth International Conference of Forensic Medicine & Clinical Toxicology Department. Ain Shams University, 27-28 March, 2017

Title of M. Sc. Essay:

Acute Toxicity of cancer chemotherapeutic drugs.

Title of M. D. Thesis:

Forensic Toxicological Studies of carbamate insecticides.

Supervision on M.Sc. Essays and Theses:

1. Toxic effects of drugs excreted in human milk.
2. Role of biometrics in forensic practice.
3. Ethics of stem cell research.
4. Ethical implication of gene therapy: balance of risk and benefit for the patient.
5. Medicolegal aspects of child abuse.
6. RNA: The future of molecular forensic science.
7. Retrospective study of sodomy cases in some governorates: Cairo, Helwan , Giza.
8. Retrospective study on thermal injury cases referred to Kasr El- Aini hospital.
9. Descriptive study of traumatic abdominal injuries at Kasr El-Aini hospital. A cross sectional study during the year 2014.

10. Pattern of injuries due to road traffic accident: A retrospective study on cases referred to Kasr El-Aini hospital.
11. Descriptive study of thoracic trauma cases referred to Kasr El-Aini hospital during the year 2012.
12. Sex identification using palm print ridge density in Egyptian population.
13. Prospective medicolegal study on traumatic brain injury cases among children admitted to Kasr Al-Aini hospital during the year 2017.
14. Prospective medicolegal study on pattern of injury in fall from height cases admitted to Kasr El Ainy hospital from May to December 2018

Supervision on M.D. Theses:

- 1 - A study of anesthetic agents induced genotoxicity: Kasr El- Aini hospitals experience.
- 2 - Predictors of severity and outcomes in patients with theophylline toxicity.
- 3 - PCR applications in identification of saliva samples exposed to different conditions.
- 4 - Factors affecting sex offenders in Yemen.
- 5 - Role of micro-RNA as a marker of liver injury in paracetamol acute toxicity.
- 6 - Comparative study of the prospective effect of N-acetylcysteine and Melatonin on methotrexate induced hepatorenal toxicity and genotoxicity.
- 7 - Specific mRNA (metallo-proteinase 7 &11) as forensic markers to differentiate between menstrual and peripheral blood stains.
- 8- Estimation of post-mortem interval: an immunohistochemical comparative study between C5b-9 and cardiac troponin C.
- 9 –The role of palatal rugosa pattern and mandibular canine index in sex determination (among Egyptians).
- 10-Evaluation of The Protective Effect of Vitamin E on Molecular and Histopathological Changes Caused by Pregabalin Toxicity on Brain and Reproductive System of Adult Albino Rats

List of Publications:

1- Age Estimation: A Skin Histological Study.

*The Egyptian Journal of Forensic Sciences and Applied Toxicology; 3 (1):93-101, June, 2003.

2-Could Drug Abuse Be Related to Chest Pain in Adolescents?

* The Egyptian Journal of Forensic Sciences and Applied Toxicology ,3 (1):49-63, june,2003

*Accepted in the 2nd Annual Scientific Conference of Mediterranean Academy of Forensic Sciences (MAFS) El Monastir Tunisia 22-25 June 2005

3-Serum manganese level: Relation to the development of Parkinson like Syndrome.

*The Egyptian Journal of Neurology And Psychiatry; 3 (1): 181-207, July, 2004.

4-Does hair provide a permanent marker for diazepam, amitryptline or haloperidol intake in Albino Rats?

*The Egyptian Journal of Forensic Sciences and Applied Toxicology; 1 (1): 169-185 December, 2001

*Presented and accepted in the Annual Scientific Conference of American Society of Digestive Disease- Orlando-Florida -17-22 May 2003

5-Serum Thyroglobulin and Thyroid Hormones as Biomarkers of Asphyxia and Antemortem Stress.

*The Egyptian Journal of Forensic Sciences and Applied Toxicology; 4(1): 1-18, June, 2004.

6-Quantitative Relationships of Postmortem Ethanol concentrations in Blood, Vitreous Humor, Urine and Liver of Adult Albino Rats.

*The Egyptian Journal of Forensic Sciences and Applied Toxicology; 3 (2): 1-22, December, 2003.

7-Fatalities due to falling from height.

The Egyptian Journal of Forensic Sciences and Applied Toxicology; 3 (1): 163-179 June, 2003.

8-Diagnostic Usefulness and Efficiency of Troponin I and T Measurements in Early Myocardial Infarction: Postmortem Study

*The Egyptian Journal of Forensic Sciences and Applied Toxicology; 3 (2): 173-85, December, 2003.

*Presented and accepted in the 2nd Annual Scientific Conference of Mediterranean Academy of Forensic Sciences (MAFS) El Monastir Tunisia 22-25 June 2005

9-Does Aroclor 1254 Affect the Reproductive and Thyroid Function Male Albino Rats?

*Presented and accepted in the 5th Annual Scientific Conference of Forensic Medicine and Toxicology Department, Faculty of Medicine, Cairo University, November, 2001

10-Effect of Curcumin on Doxorubicin-Induced Chromosomal Damage in Albino Rats Bone Marrow Cells

*The Egyptian Journal of Forensic Sciences and Applied Toxicology; 4(1): June, 19-30
2004

11-Study of the relation between blood lead level, hypertension and ischemic heart diseases.

The Medical Journal of Cairo Univerisity,December,1998

12-Organochlorine residues in adipose breast tissues and risk of Breast cancer in Egyptian females

*Mansoura Journal of Forensic Medicine and Clinical Toxicology VII (2): 189-201
July, 1999

13-Could Cadmium exposure potentiate Diabetic Nephropathy?

*The Medical Journal of Cairo University; 67(4): 969-976, 1999.

14-Postmortem diagnosis of early Myocardial infarction: Immunohistochemical study

*Presented and accepted in the Annual Scientific Conference of Faculty of Medicine
Cairo University March 1999

15-Reserpine and male fertility of rats.

*The Medical Journal of Cairo University; 60(4): 169-179, 1999.

*Proceeding of the 3rd annual conference of Forensic Medicine and Toxicology,
Faculty of Medicine Cairo University 88-101,1999

**16-Influence of storage temperature on Morphine stability in Biological samples
9(3):147-156, 1997**

*Egyptian Journal of Legal Medicine and Forensic Sciences

**17-Screening of Alcohol and drugs of abuse in trauma and burn patients' impact
on severity and outcomes**

*Presented and accepted in the 2nd annual conference of Forensic Medicine and
Toxicology, Faculty of Medicine Cairo Unversity1998

**18-Prophylactic effect of Vitamin B- complex (B12, B6, B1) on Optic neurotoxicity
of Metronidazole**

*Presented and accepted in the 3rd Annual Conference of Forensic Medicine and
Toxicology, Faculty of Medicine Cairo Unversity1999

International publications:

-Scopus Author ID: 57202601656

- M.M. Ali, D.A. Shokry, **H.S. Zaghoul**, L.A. Rashed and M.G. Nada, 2013. PCR Applications in Identification of Saliva Samples Exposed to Different Conditions (Streptococci Detection based). *Pakistan Journal of Biological Sciences*, 16: 575-579.
- Moawad, A.M., **zaghlol, H.s.**, Abdelsalam, M.H. et al. Differential genes expression biomarkers for menstrual and peripheral blood stains analysis. *Egypt J Forensic Sci* 8, 41 (2018). <https://doi.org/10.1186/s41935-018-0072-8>
- Elrewieny NM, Ismail MME, **Zaghoul HS**, Abielhassan MH, Ali MM. Palatoscopy and odontometrics' potential role in sex determination among an adult Egyptian population sample: A pilot study. *Homo*. 2020;71(1):19-28. doi:10.1127/homo/2020/1086
- K M Mohamed, E M F Gaballah, **H S Zaghoul**, M M Ismail, Palm ridge density as anew identifier for age and sex in forensic medicine, *QJM: An International Journal of Medicine*, Volume 113, Issue Supplement_1, March 2020, hcaa049.003, <https://doi.org/10.1093/qjmed/hcaa049.003>
- N M Elrewieny, M M Ismail, **H S Zaghoul**, M M Ali, M H Abielhassan, The potential role of palatal rugae pattern in sex determination among an adult Egyptian population sample, *QJM: An International Journal of Medicine*, Volume 113, Issue Supplement_1, March 2020, hcaa049.005, <https://doi.org/10.1093/qjmed/hcaa049.005>
- Taha, S.H.N., **Zaghoul, H.S.**, Ali, A.A.E.R. et al. The neurotoxic effect of long-term use of high-dose Pregabalin and the role of alpha tocopherol in amelioration: implication of MAPK signaling with oxidative stress and apoptosis. *Naunyn-Schmiedeberg's Arch Pharmacol* 393, 1635–1648 (2020). <https://doi.org/10.1007/s00210-020-01875-5>