

Personal Data:

- **Name:**Mostafa Mohsen Mostafa Afify
- **Date of Birth:** 12/1/1978
- **Place of Birth:** EL-Minia
- **Country of Nationality:** Egypt
- **Religion:** Muslim
- **Marital Status:** Married; (2) sons
- **Military status:** finished.
- **Address:** 12/27 k, Diar Eltamr compound, 6th of October City, Giza, Egypt
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Qualifications:

09/95-12/01 M.B.B.Ch. in Medicine and Surgery, Faculty of Medicine, Cairo University, Kasr El-Ainy Medical School , Egypt.
Grade Very Good .

10/03-12/05 Master Degree in Forensic Medicine and Clinical Toxicology, Faculty of Medicine, Cairo University, Egypt.
Grade Excellent

"Medico legal View of Malpractice Crisis in Obstetrics and Gynecology"

3/06-1/09 M.D. in Forensic Medicine and Clinical Toxicology, Faculty of Medicine, Cairo University, Egypt.

"Age Dependent Immunomodulation, Genotoxicity and Oxidative Stress due to Pesticide Mixture Exposure and Protective Potential of Antioxidants in Albino Rats"

Previous Posts:

- 2/2001- 2/2002: **House officer**, Cairo University Hospitals.
- 8/2003- 4/2006: **Demonstrator, Forensic Medicine and Clinical Toxicology**, Beni Suef Faculty of Medicine, Cairo University.
- 4/2006- 3/2009: **Assistant Lecturer, Forensic Medicine and Clinical Toxicology**, Beni Suef Faculty of Medicine, Cairo University.
- 3/2009- 8/2014: **Lecturer, Forensic Medicine and Clinical Toxicology**, Beni Suef Faculty of Medicine, Cairo University.
- 8/2014- till now: **Associate professor, Forensic Medicine and Clinical Toxicology**, Beni Suef Faculty of Medicine, Beni Suef University.
- 2/2011- 12/2014: **Clinical Toxicology Consultant**, Dammam Regional Poison Control Center, KSA.

Practical and Scientific Activities:

A. Teaching & practical Activities in forensic medicine and clinical toxicology department, Faculty of Medicine:

- Teaching and examining courses of Forensic Medicine for undergraduate students, Beni Suef Faculty of Medicine, Beni Suef University.
- Teaching and examining courses of Clinical Toxicology for undergraduate students, Beni Suef Faculty of Medicine, Beni Suef University
- Teaching and examining courses of Forensic Medicine and Clinical Toxicology for postgraduate students, Beni Suef Faculty of Medicine, Beni Suef University.
- Teaching practical courses of Forensic Medicine and Clinical Toxicology, Faculty of Medicine, Cairo University.
- Teaching practical courses of Forensic Medicine and Clinical Toxicology, Faculty of Medicine, October-6-University.
- Teaching Medical Ethics courses, Beni Suef Faculty of Medicine, Beni Suef University.
- Teaching courses of Forensic Medicine, nursing department in applied medical sciences faculty, Beni Suef University.
- Actively contributed in the establishment of the Poison Control Center in Beni Suef University Hospitals in Beni Suef
- Constructing plans, protocols for master, doctrine degrees & for individual researches in my particular field.
- Dealing efficiently with experimental animals according to ethical regulations.
- Executing the protocols, collecting data, performing measurements, reading results, & analyzing them.
- Performing biostatistics using the SPSS- software statistical package.
- Collecting references & writing papers. Reaching conclusions & setting recommendations.
- Discussing research work of postgraduate students.
- Designed the program and the courses for the degree of M. Sc. And M.D. in Forensic Medicine& Clinical Toxicology
- Participated In The Supervision Of: (3) M.D. theses and (2) M.Sc. theses
- Participated In discussion many Essays & Theses for Masters and Medical Doctorate in Forensic and Clinical Toxicology, Faculty of Medicine in various Egyptian universities.
- Regular active participant in the departmental scientific meetings (seminar), since 2003.
- **Printed Articles and Seminars:**
 - Uses of voiceprints in medicolegal practice
 - Toxicogenomics & toxicogenetics
 - Bloodstain Pattern Analysis
 - Drug Induced Hepatitis
 - Forensic Serology and DNA Typing
 - Sexual Offences (crimes)
 - systemic response to trauma

- UPDATES IN MANAGEMENT OF ORGANOPHOSPHORUS COMPOUNDS POISONING
- Virtopsy
- DNA forensic analysis
- Biological effects of Ionizing Radiation
- Chemical and Biological Warfare Agents
- Gastrointestinal decontamination of poisoned adults
- Principles and Techniques Applied to Enhance Elimination
- Paracetamol Poisoning: Clinical Practice Guidelines

***B. Teaching & practical Activities in clinical toxicology and forensic chemistry ,
Dammam Regional Poison Control Center, KSA.***

- Participation in Preparation and implementation of protocols and policies in management of all types of toxicology cases
- Participation in Preparation and implementation of policies and procedures regarding the whole toxicology analytical process according to the quality roles in each stage (pre analytical – analytical and post analytical)
- Participation in Preparation and implementation of all regulations and policies regarding the working staff (job descriptions – evaluation –training – and evaluation of the training needs)
- Preparation and implementation of policies of drug and information unit.
- Participation in new methodology validations of pseudo cholinesterase detection in Architect immunoassay
- Teaching courses of Clinical Toxicology and Forensic chemistry for Saudi Board of forensic medicine .
- Participation in curriculum mapping (practical and theoretical) for saudi forensic board candidates
- Participation in the weekly sintefic meeting of emergence toxicology department.
- Participation in the routine Toxicology investigation of the department, including forensic and clinical cases.
- Participation in the teaching activities and training of staff member of emergency toxicology and forensic chemistry departments: medical, law, sport and Postgraduate students.
- Lectures in poisoning and management in First aid course for pharmacist
- Participation in Reviewing and updating the A antidote list used in management of poisoning cases with detailed description of(indications ,contraindications ,doses ,side effects – and availability in KSA)
- Participation in Writing the test catalogue regarding all the details for every test carried out in Dammam poison control center linked to the international (LOINC CODE)
- Effective participation in Setting & implementing the electronic national project OTARR (online toxicology analysis request and result) to join all the PCC all over the kingkdom by setting up and reviwing the requests forms requirements for all the available services which

include (emergency toxicology – therapeutic drug monitoring – drugs of abuse – research and confirmation – forensic medicine and water analysis)

- Effective participation in establishment of the IVR system (interactive voice response) and hot line management system in DPCC

Attended Training Courses in:

- Training Course and dealing with different toxicological cases in Ain Shams PCC, Ain Shams University (2006-2007)
 - Training Course in Forensic Dissection and Clinical Forensic Examination, In Higher Forensic Dissection Home, Zeinoh Morgue of Forensic Medicine Institute, Cairo " (2004-2005, 2010-2011)
 - Attended a training course on detection of drugs of abuse in biological samples in the Central Labs. of the Ministry Of Health in 2010. The program of the courses included theoretical and practical training on Thin Layer Chromatography (TLC), Toxi-Lab. Drug Detection System, TDX, High Performance Liquid Chromatography (HPLC), as well as, training on the conventional and recent extraction methods as Solid Phase Extraction (SPE).
 - Attended a training course on "pediatric toxicology : diagnosis and management" Aser Province Ministry of health, KSA, (3-4/4/2012)
 - Attended a training workshop in " INTENSIVE CARE &EMERGENCY MEDICINE" in mouwasat hospital Dammam, KSA, (2/2/2012)
 - Speaker in 1st therapeutic drug monitoring in Dammam poisoning control center , Eastern Province Ministry of health, KSA, (1-5/9/2013)
 - Speaker in 1st basics of clinical toxicology in Dammam poisoning control center , Eastern Province Ministry of health, KSA, (22-26/12/2013).
 - Forensic Science And Forensic Medicine Under An Education Microscope: What Does It Mean To View Forensics From An Education Lens? Workshop, in the 6th meeting of nMAFS Annual conference titled “Forensics Coming Home: Innovations and Best Practices”, 8-10/3/2014
 - Sexual Assault Victims Examination / Evaluation & Reporting” “A Special Course For Physicians” 2 Workshop, in the 6th meeting of nMAFS Annual conference titled “Forensics Coming Home: Innovations and Best Practices”, 8-10/3/2014
 - Attended a training course in Advanced Life Support in Sheikh Zayed Hospital Egypt in 2008.
 - Training course in quality assurance in medical education, Faculty of Medicine, Cairo University.
 - Training Courses in Methods of Teaching Faculty and Leadership Development Center (FLDC) (22/2/2009 – 13/3/2009) Cairo University.
 - Training Course in Scientific Research Ethics from Faculty and Leadership Development Center (FLDC) Cairo University.
 - Training Course in Conference Organization from Faculty and Leadership Development Center (FLDC) Cairo University.
 - Training Course in University Staff Members` Code of Ethics from Faculty and Leadership Development Center (FLDC) Cairo University.
 - Training Course in International Publishing Research from Faculty and Leadership Development Center (FLDC) Cairo University.
 - Training Course in How to Compete For a Research Fund from Faculty and Leadership Development Center (FLDC) Cairo University.
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- Training Course in Time and Meetings Management from Faculty and Leadership Development Center (FLDC) Cairo University.
- Training Course in Quality assurance protocols in teaching from Faculty and Leadership Development Center (FLDC) Cairo University.
- Training Course in Skills of effective presentation from Faculty and Leadership Development Center (FLDC) Cairo University.
- Training Course in Skills of effective communication from Faculty and Leadership Development Center (FLDC) Cairo University.
- Training Course in Scientific research methods from Faculty and Leadership Development Center (FLDC) Cairo University.
- Training Course in **Financial** and lawful aspects from Faculty and Leadership Development Center (FLDC) Cairo University.
- Training Course in Statistical & research methods from Faculty and Leadership Development Center (FLDC) Cairo University.
- Training Course in **E-Learning** from Faculty and Leadership Development Center (FLDC) (28-30/12/2009) Cairo University.
- Training Course in **Research Ethics** from Faculty and Leadership Development Center (FLDC) (19-20/5/2013) Beni Suf University.
- Training Course in **University Management** from Faculty and Leadership Development Center (FLDC) (22-23/5/2013) Beni Suf University.
- Training Course in **Effective Presentation Skills** from Faculty and Leadership Development Center (FLDC) (27-29/5/2013) Beni Suf University.
- Training Course in **Managing Time & Meeting** from Faculty and Leadership Development Center (FLDC) (2-3/6/2013) Beni Suf University.
- Training Course in **Quality Standards in the Education Process** from Faculty and Leadership Development Center (FLDC) (4-5/6/2013) Beni Suf University.
- curriculum mapping and intended learning outcome in National Authority for Quality Assurance and Accreditation Of Education
- Training in Methods of Research.
- Training Courses in Management Skills.
- Training Course in Hospital Management.
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Research Projects:

- Endogenous Ethanol Production in resident of KSA: An attempt to advise on legal limits
- Medico-legal and forensic implications of Endogenous ethanol production in patients with Diabetes Mellitus in KSA.
- Sevoflurane versus Isoflurane: Genotoxic effects in sperm and germ cell in albino rats studied in vivo using the comet assay

Conferences and Scientific Symposium:

- Symposium on the medicolegal aspects of raped cases on May/ 2005
 - Symposium on the Islamic perspectives of medical ethics on May/ 2005
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- Symposium on combating smoking & addiction from the medical, behavioural psychological, social legal & religious perspectives on 18/ 12/ 2004
- The fourth annual scientific conference & the first international medical conference in the Faculty of Medicine – October 6 University held in Movenpick hotel on 28/ 2/ 2004 & the graduation ceremony for the 2nd batch on 27/ 2/ 2004
- Symposium on the tie between medical ethics, medical jurisprudence & quality of medical education in Sheraton El Gezira Hotel on 15/ 5/ 2005
- The 24th annual conference of the Egyptian Society of Basic Medical Sciences held in the conference center in Kasr El Aini on 14/ 4/ 2005
- Symposium on intensive care & emergency medicine, 3rd Mouwasat Symposium ,17/12/2012
- 1st scientific conference entilted laboratory services in clinical practice, KFMMC,KSA, 18-19/10/2011.
- 1st saudi international conference for forensic medical sciences, Saudi Society of forensic medicine,KSA, 11-14/3/2012.
- The 6th meeting of Mediterranean Academy of Forensics Sciences Annual conference titled “Forensics Coming Home: Innovations and Best Practices”, 8-10/3/2014

Membership of Scientific Organization:

- Member in Egyptian Association of Forensic Medicine and Toxicology since 2007.
- Membership in Egyptian Society of Natural Toxins since 2009.
- Membership in Egyptian Society of Clinical Toxicology since 2012.
- Membership in The Arab Union of Forensic & Toxicology(AUFT), AUFT Representative in K.S.A.
- Member of The Egyptian Society Of Legal Medicine
- Membership in The International Association of Law and Forensic Science (IALFS)
- Member of the General Egyptian Medical Syndicate
- Member of Saudi commision for health specilites.

PUBLICATIONS:

- 1) **Mohamed A. Noaishi, Mostafa M.M. Afify and Samir H. Haggag. (2011):** Analysis of P53 Gene Mutations in Peripheral Blood Lymphocytes of Egyptian Spray Workers Exposed to Multiple Pesticides. Journal of American Science 2011; 7(3):538-543]. (ISSN: 1545-1003). http://www.jofamericanscience.org/journals/am-sci/am0703/65_4864am0703_538_543.pdf
- 2) **Alaa A. Meccad , Manal H. Ahmed , Manal E.A. ElHalwagy ,Mostafa M.M. Afify(2011):** A study on oxidative stress biomarkers and immunomodulatory effects of pesticides in pesticide-sprayers, Egypt Egyptian Journal of Forensic Sciences (2011)1, 93–98. <http://www.sciencedirect.com/science/journal/2090536X/1/2>

- 3) **Mohamed A. Noaishi, Mostafa M.M. Afify and Naglaa F.E. Mahmoud. (2011):** Mutation Analysis of K-*ras* Gene in Peripheral Blood Lymphocytes of Egyptian Workers Occupationally Exposed to Multiple Pesticides. *Journal of American Science* 2011; 7(12):1025-1030]. (ISSN: 1545-1003).http://www.jofamericanscience.org/journals/am-sci/am0712/129_7913am0712_1025_1030.pdf
- 4) **Mostafa M. Afify, Naglaa F. Mahmoud, Ghada M. Abd El Azzim, Nevein A. El Desouky (2012):** Fatal burn injuries: A five year retrospective autopsy study in Cairo city, Egypt *Egyptian Journal of Forensic Sciences* (2012)2, 117–122. <http://download.journals.elsevierhealth.com/pdfs/journals/2090-536X/PIIS2090536X12000470.pdf>
- 5) **Mohamed A. Noaishi, Amr A. Abd Allah and Mostafa M.M. Afify (2013):** Oral and dermal exposure of chlorpyrifos and cypermethrin mixture induced cytogenetic, histopathological damage and oxidative stress in rats. *J Am Sci* 2013;9(3):56-65]. (ISSN: 1545-1003). http://www.jofamericanscience.org/journals/am-sci/am0903/009_16164am0903_56_65.pdf
- 6) **Mohamed A. Noaishi, Mostafa M.M. Afify and Amr A. Abd Allah. (2013):** Study the inhalation exposure effect of pesticides mixture in the white rat. *Nat Sci* 2013;11(7):45-54]. (ISSN:1545-0740).http://www.sciencepub.net/nature/ns1107/009_18671ns1107_45_54.pdf
- 7) **Alsaif D, Alsowayigh K, Alfaraidy M, Albayat M, Alshamsi G, Aldosary M, Madadin M, Afify M, Kharoshah M. (2013):** Child homicide in Cairo from 2006 to 2010: characteristics and trends. *J Forensic Leg Med.* 2013 Oct; 20(7):929-32 <http://www.sciencedirect.com/science/journal/1752928X/20/7>
- 8) **Mostafa M. Afify; Mohamed K. Zayet; Naglaa F. Mahmoud; Ahmed R. Ragab (2014):** Age Estimation from Pulp/Tooth Area Ratio in Three Mandibular Teeth by Panoramic Radiographs: Study of an Egyptian Sampl. *J Forensic Res* 2014, 5:3. <http://omicsonline.org/open-access/age-estimation-from-pulptooth-area-ratio-in-three-mandibular-teeth-by-panoramic-radiographs-study-of-an-egyptian-sample-2157-7145.1000231.pdf>
- 9) **Ahmed R. Ragab; Omar Farouk; Mostafa M. Afify; Afaf M. Attia; Ayman El Samanoudy; Yasmeen M. Taalab (2014):** The Role of Oxidative Stress in Carcinogenesis Induced By Metals in Breast Cancer Egyptian Females Sample at Dakahlia Governorate. *J Environ Anal Toxicol*2014, 4:2 <http://omicsonline.org/environmental-analytical-toxicology.php>

Computer skills & Spoken languages:

- **ICDL**, 2010, Cairo University, Egypt.
- Training Course in "Word, Excel and Power Point Microsoft Office, Internet, 2006, Cairo University, Egypt.
- **Spoken languages:**
 - Arabic-Degree: Excellent.
 - English-Degree: Excellent.
 - Succeeded in TOEFL Test in Cairo University Center for Foreign Languages and Professional Translation 7/2004.
 - French-Degree: Good.