

MARWA ABDULATIF ALKAFFAS, M.D.

MEDICAL BIOCHEMISTRY, MICROBIOLOGY & IMMUNOLOGY

✉ MIRAG DISTRICT, MAADI 3047, Egypt

✉ madho_taal@yahoo.com

☎ 002 02 33028796,

☎ 002 01148899400 /00201281547711

WORK EXPERIENCE

LECTURER

MEDICAL BIOCHEMISTRY AND MOLECULAR BIOLOGY FACULTY OF MEDICINE

Kasr Al Ainy Medical School

Cairo University

March, 2014 to the PRESENT

ASSISTANT LECTURER

MEDICAL BIOCHEMISTRY AND MOLECULAR BIOLOGY FACULTY OF MEDICINE

Kasr Al Ainy Medical School

Cairo University

August, 2011 to march, 2014

TEACHING ASSISTANT MEDICAL BIOCHEMISTRY

FACULTY OF MEDICINE

Kasr Al Ainy Medical School

Cairo University

June, 2008 to August, 2011

EDUCATIONAL ACCOMPLISHMENT

DOCTORATE DEGREE (M.D.)

MEDICAL BIOCHEMISTRY AND MOLECULAR BIOLOGY FACULTY OF MEDICINE

Kasr Al Ainy Medical School

Cairo University

February

, 2014

MASTER DEGREE IN MEDICAL BIOCHEMISTRY, MICROBIOLOGY & IMMUNOLOGY (1st & 2nd PARTS)

MEDICAL BIOCHEMISTRY AND MOLECULAR BIOLOGY FACULTY OF MEDICINE

Kasr Al Ainy Medical School

Cairo University

2011

RATING: **GOOD**

MEDICAL BACHELOR & BACHELOR OF CHIRURGIAE (MBBCh)

FACULTY OF MEDICINE

Kasr Al Ainy Medical School

Cairo University

September, 1999 to November, 2005

RATING: **EXCELLENT (With Rank of Honor)**

SECONDARY SCHOOL

GENERAL CERTIFICATE

ALORABA LANGUAGE SCHOOL

Egypt

ACADEMIC ACHIEVEMENTS

DOCTORAL THESIS (MD)

MEDICAL BIOCHEMISTRY AND MOLECULAR BIOLOGY

Cairo University
June, 2011 to August, 2013

THESIS TOPIC

"The possible mechanisms of action of a water soluble curcumin derivative and MSCs in Alzheimer disease induced in Rats "

MASTER THESIS (MSc)

MEDICAL BIOCHEMISTRY, MICROBIOLOGY & IMMUNOLOGY

Cairo University
June, 2009 to August, 2010

THESIS TOPIC

"Heme Oxygenase Effect On Mesenchymal Stem Cells Action On Experimental Alzheimer'S Disease"

THESIS SUPERVISION

- *Micro RNA 499 in Behcet disease and possible association withdisease activity, **Master thesis***
- *The effect of bone marrow derived mesenchymal stem cells treatment on healing of experimental burn injury in rats: possible role of platelet rich plasma, **MD thesis.***
- *Methylene tetrahydrofolatereductase gene polymorphism in patients with Lichen Planus, **Master thesis.***

INTERNATIONAL PAPERS:

- *"The possible mechanisms of action of a water soluble curcumin derivative and MSCs in Alzheimer disease induced in Rats"*

NATIONAL PAPERS:

- *The anti-apoptotic mechanism of action of a water soluble curcumin derivative and mscs in alzheimer disease induced in rats .*
- *The ANTI-INFLAMMATORY mechanism of action of a water soluble curcumin derivative and MSCs in Alzheimer disease induced in Rats.*

MEDICAL EXPERIENCE & TRAINING

Hematology, clinical pathology Resident.

THEODOR BIHARZ INSTITUTE

Educational institutes, Egypt.
29/3/2007 to May 2008

TEACHING ASSISTANT MEDICAL BIOCHEMISTRY

**FACULTY OF MEDICINE
MEDICAL BIOCHEMISTRY**

Kasr Al Ainy Medical School
Cairo University

June, 2008 to August, 2011

INTERN (HOUSE OFFICER)

**AL KASR AL AINY MEDICAL SCHOOL &
NATIONAL CANCER INSTITUTE**

Cairo University Hospital

CLINICAL EXPERIENCE

- Isolation, propagation, identification and labeling of Bone Marrow- derived MSCs
- Polymerase chain reaction (PCR).
- Enzyme linked immunosorbent assay(ELISA).
- Preparation of PRP.
- DNA extraction.
- MicroRNA extraction.
- Detection and quantification of the amplified miRNA using real time PCR.
- Detection of miRNA gene polymorphism by real time –PCR.
- Chemistry(Kidney function, Liver function, blood sugar)
- Hematology.

COURSES & ELIGIBILITY

❖ **QUALITY SURVEILLANCE COURSE**

FLDC

Cairo University

September 11, 2012 to September 13, 2012

❖ **TOEFL**

INSTITUTIONAL TESTING PROGRAM (ITP)

Cairo University Center for Foreign Language
& Professional Translation (CLT)

Faculty of Arts, Cairo University

March 1, 2009

CAREER GOALS

As a professional guided by the Ethics of my profession and my desire to excel in my chosen field of expertise, it is with the utmost significance that I achieve the following stated Career Goals, if not surpass in each:

- ❖ To learn new techniques.
- ❖ To practice and to train more thus gaining the much needed proficient and efficient knowledge & skills.
- ❖ To apply experimental research on human trials gaining benefits for new therapeutic uses , biomarkers or ways for disease prevention.

PERSONAL INFORMATION

DATE OF BIRTH	:	AUGUST 18 , 1981
PLACE OF BIRTH	:	GIZA, EGYPT
SOCIAL STATUS	:	MARRIED
NATIONALITY	:	EGYPTIAN
LANGUAGE PROFICIENCY	:	ARABIC (MOTHER TONGUE), ENGLISH, FAIR FRENCH
COMPUTER SKILLS	:	KNOWLEDGEABLE IN THE FOLLOWING <ul style="list-style-type: none">• WIN Vista, WIN XP, WIN 2000, WIN 98, WIN 95• MS OFFICE (WORD, EXCEL, POWERPOINT)• INTERNET BASED PROGRAMS

CHARACTER REFERENCES

DR. Yasser Nassar

PROFESSOR OF Medical Biochemistry and Molecular Biology

FACULTY OF MEDICINE

Cairo University

Cairo, Egypt

DR. LailaAHMED Rashed
FACULTY OF MEDICINE

PROFESSOR OF Medical Biochemistry and Molecular Biology

Cairo University

Cairo, Egypt

DR. Hanan Hosni
FACULTY OF MEDICINE

PROFESSOR OF Medical Biochemistry and Molecular Biology

Cairo University

Cairo, Egypt

I hereby attest to the authenticity and veracity of the information stated above.

DR. MARWA ABDULATIF ALKAFFAS