

# Mohammad Elshawwa MD

Member of Scientific Research Committee at Faculty of medicine Physiology department

dr\_shawwa@yahoo.com

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## Summary

- 1) Attending and sharing in many medical (evidence based) and psychiatric conferences and workshops.
  - 2) Attending many seminars about concepts and recent methods of learning.
  - 3) Attended the 9th research support workshop (15 hours) in 2013
  - 4) Passed the Test of English Language Proficiency (TELP) i.e. TOEFL test with score 600 AIN-SHAMS UNIVERSITY.
  - 5) The major psychiatric training was supervised by Prof. Mohamed Fakhr El-Islam, for more details visit: <http://www.behman.com/biography/fakhr.html>
  - 6) Group psychotherapy: trained in group sessions, especially for addiction rehabilitation.
  - 7) Good knowledge of Microsoft power point and word & average knowledge of Microsoft excel.
  - 8) 1st aid course by the Egyptian Red Crescent in 2002.
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## Experience

### **Member of Scientific Research Committee at Faculty of medicine Physiology department**

September 2015 - Present (1 year 7 months)

Evaluation of the research topics in the department according to the society and medical needs.

Revision of the chosen papers and theses aiming to fulfill the academic roles of writing

### **Lecturer at Al azhar faculty of Medicine**

November 2014 - Present (2 years 5 months)

Teaching and illustration applied physiology to the medical undergraduates.

### **Staff grade at Al-azhar faculty of medicine**

2004 - Present (13 years)

Demonstrator

Assistant lecturer 2010

Lecturer 2014

**Founding Partner at Elshawwa group import export**

2001 - Present (16 years)

Many other Egyptian areas

**Founding Partner at ElShawwa.Stores**

1984 - Present (33 years)

<https://web.facebook.com/ElShawwa.Stores/?pnref=lhc>

Many other Egyptian areas

**University coordinator at National Authority for quality assurance and accreditation of education**

March 2016 - April 2016 (2 months)

**Registrar at The Behman Hospital**

2003 - 2005 (2 years)

- 1-Management of patients in different psychiatric wards.
- 2-Admission of new cases, attending outpatient clinic and medical 3-supervision of patients and hospital stuff.
- 4-Also was responsible for hospital library.
- 5-Organization of scientific and research activities in the Behman Hospital, including Journal Clubs and week case conferences.

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Languages

**English**

(Full professional proficiency)

**Arabic**

(Native or bilingual proficiency)

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Skills & Expertise

**Healthcare**

**Clinical Research**

**Research**

**Teaching**

**Public Speaking**

**Mental Health**

**Psychotherapy**

**Psychiatry**

**Hospitals**

**Psychology**

**Teamwork**

**Data Analysis**

**Treatment**

**Medical Education**

**Training**  
**Medicine**  
**Analysis**  
**Public Health**  
**Psychopharmacology**  
**Self-esteem**  
**Arabic**  
**Clinical Supervision**  
**Internal Medicine**  
**Diabetes**  
**Microsoft Office**  
**Team Leadership**  
**Healthcare Management**  
**Management**  
**Neurology**  
**Pharmaceutical Industry**  
**Leadership Development**  
**Emergency Medicine**  
**Market Access**  
**Psychological Assessment**  
**Stress Management**  
**Qualitative Research**

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## Education

### **Al azhar faculty of Medicine**

Masters, Neuropsychophysiology, 1994 - 2001

### **Al-Azhar University**

Doctor of Medicine (MD), physiology neuroendocrinology, 1994 - 2001

### **Al-Azhar institute**

High school, Mathematics and Computer Science, 1980 - 1993

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## Publications

### **Effects of Ozone on Some Aspects of Psychomotor activity in Male albino rats**

Al-Azhar Faculty of Medicine, Cairo magazine and Al-Azhar Faculty of Medicine, Annual International conference 2009

Authors: Mohammad Elshawwa MD, A., TAYMOUR\*, M., B., EL-SOKKARY, M., Z., EL-Etreby, Y., M., Ashour, A., M., Moussa

Ozone therapy belongs to the complementary kind of medical therapies. Its action simply depends on stimulating the physiological mechanisms of oxidative preconditioning as an adaptive response against oxidative stress. Prolactin is well established as anterior pituitary hormone. It was found to be increased along with corticosterone in response to stressful stimuli. Hyperprolactinemia is a common complication of many medical drug therapies. Our experiment aims to explore the effect of ozone on psychomotor activity

in male rats as well as measurement of the response of serum level of prolactin to low and high therapeutic doses of ozone taken by rectal insufflation in comparison to control group. 70 rats of the same strain divided into 7 groups (10 rats per each group): control group received oxygen, ozone low dose group rats received ozone 0.5 mg / kg that equals to 5 ml of 20 ug / ml, ozone high dose group rats received ozone 1mg / kg equals to 5ml of 40ug /ml, ketamine group rats received ketamine 40 mg/kg by intraperitoneal injection, ketamine with ozone small dose, ketamine with ozone high dose and ketamine with clozapine rats received ketamine and clozapine 10 mg/kg by intraperitoneal injection. Blood samples were collected after 3 weeks of ozone therapy. Ozone therapy has no or mild effect on normal animals regarding serum PRL. Ketamine led to increase in prolactin concentration in comparison to normal animals regardless of the effect of ozone. Clozapine with ketamine increased (PRL) level but less than ketamine group and ketamine and high dose ozone group. Stereotyped behavior, hyperlocomotion and diminished startle response persisted in ketamine only group (K) till the last day of ketamine injection. The decrease in the startle response is more obvious in ketamine only group. Ketamine and ozone groups showed mild or lesser degree of hyperactivity than (K) group. After the 5th day up to 3 weeks, ozone groups showed mild transient hyperactivity shortly after o

### **Effects of c -peptide and glucagon like peptide-1 on diabetic male rats with and without antioxidants**

Al-Azhar Med. J. July 2015

Authors: Mohammad Elshawwa MD, Saad Kamal Taha, Hamed Mohamed Osman, Gehan Ahmed Youssef, Ahmed Taymour Mahmoud

Material and Methods: Seventy adult male albino rats of local strain weighed 150-180 g were used in this study. They were divided into seven equal groups: Control group (C): Rats received saline i.p. daily for 4 weeks, Diabetes group (D1): After overnight fasting, rats received a single subcutaneous injection of alloxan monohydrate with glucose by gastric intubation to avoid fatal hypoglycemia, Diabetes with C-peptide (D2) were given alloxan and C-peptide by intraperitoneal injection for 4 weeks, Diabetes with exendin-4 (D3) were given alloxan and glucagon-like peptide -1 (GLP-1) analog exendin-4 i.p. for 4 weeks, Diabetes with C-peptide and exendin-4 (D4) were given combined intraperitoneal injection of C-peptide and exendin-4 with alloxan for 4 weeks, Diabetes with antioxidants (vitamins C & E) (D5) received alloxan, vitamin C and vitamin E by gastric intubation for 4 weeks, Diabetes with C-peptide, exendin-4 and antioxidants (vitamins C & E) (D6) received combined C-peptide, exendin-4 and vitamins C and E in by gastric intubation with alloxan for 4 weeks. Blood samples were taken from all groups. Blood glucose, plasma insulin, plasma glucagon, plasma lipid profile, and plasma level of malondialdehyde (MDA) with their relationships to C-peptide and exendin-4 (D4) treatment with and without antioxidants (vitamins C & E) supplementation were investigated.

Conclusion: Adding C-peptide to exendin-4 caused significant reduction in total triglycerides, cholesterol, and more reduction of LDL than exendin-4 group. Vitamins C & E improved serum lipid profile and level of MDA as an oxidative stress indicator.

## Courses

### High school, Mathematics and Computer Science

Al-Azhar institute  
computer basics 1

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### Staff grade

Al-azhar faculty of medicine  
1st aid 1

### University coordinator

National Authority for quality assurance and  
accreditation of education  
Stratigic Planning for Higher Education inistitute 1  
External Review OF Higher Education Institutes 1  
Programme & Course Specifications and Evaluation of  
ILOs for Higher Education Institutes 1  
Institutional Self-Evaluation for Higher Education 1

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## Organizations

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## Test Scores

### The Test of English language Proficiency

July 2012 Score:600

Local TOEFL like test

The score was 600/660

By center of public service and Social Developement Ain Shams Univeresity

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## Certifications

### MD of Medical Physiology

AL-azhar faculty of Medicine

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[Contact Mohammad on LinkedIn](#)