

CURRICULUM VITAE



Personal Information:

Name : Salah Abdel-Moneim Ghareib Attia

Nationality: Egyptian

Date and Place of birth: April, 2, 1957 - Zagazig, Egypt.

Marital status: Married and have four kids

Address: Zagazig University,
Faculty of Pharmacy,
Dept. of Pharmacology,
Zagazig, Egypt.

Present Address: Faculty of Pharmacy, King Abdulaziz University, KSA

Mobile: 0568680937

Office : 6400000 Ext: 20190

Education:

(1980) B. Pharmaceutical Sciences,: (Excellent with honor
and the first of the class over 200 students)

University of Zagazig
Faculty of Pharmacy
Zagazig, Egypt.

(1985) M.Sc. (Pharmacology):

University of Zagazig,
Faculty of Pharmacy,
Zagazig, Egypt.

(1988) Ph. D. (Assistant Prof. of pharmacology):

University of Zagazig,
Faculty of Pharmacy
Zagazig, Egypt.

(1992) Associate Professor (Pharmacology) :

University of Zagazig,
Faculty of Pharmacy
Zagazig, Egypt.

(2000) Full Professor (Pharmacology) :

University of Zagazig,
Faculty of Pharmacy
Zagazig, Egypt.

The American University In Cairo:

Attending double intensive courses in English in the American University in Cairo (AUC). These courses include vocabulary, structure and listing as well as the cultural uses of the American English in American universities

Courses / Projects:

1- Bachelor of Pharmaceutical Sciences:

A) Courses:

Physics, Physical Chemistry, Organic Chemistry, Botany, Zoology, Humanities, General Pharmacognosy and Medicinal Plants, Inorganic Chemistry, Pharmaceutics, I, II, III, IV, Analytical Chemistry, Anatomy, Histology, Physiology, Mathematics and Mechanics, Pharmacology, Psychology and Sociology, Chemistry of Crude Drugs, Pharmaceutical Microbiology, Pharmaceutical Legislation, Pharmaceutical Chemistry, Biochemistry, Pharmacy Administration, Applied Pharmacognosy, Industrial Pharmacy, Bioassay of drugs, Biostatistics, Toxicology, Forensic Chemistry and First Aids.

B)Training:

Training not less than 300 hours in a pharmacy recognized by the University of Zagazig and under the supervision of the Ministry of Health.

2- M.Sc. (Pharmacology):

Courses:

Physical Chemistry Mathematics, Statistics, Industrial Analysis, Physiology and Pharmacology.

Title: **“Cardiovascular Changes Induced by Intravenous injection of the insecticide Trichlorfon.**

This work involved the studying of the effects of acute and subacute administration of trichlorfon, (an organophosphorous compound), on blood pressure, heart rate, some neurotransmitters and electrolyte distribution between both intra- and extracellular compartments. The study aimed at investigating the mechanism of action of this insecticide on the cardiovascular system specially when taken as a medicine “For treatment of schistosomiasis” or when ingested as a poison.

3- Ph. D. (Pharmacology):

Title:

“Pharmacological Studies on the Effect of Some Psychotropic Drugs on the effect of Certain Antihypertensive agents.

This work involved studying the effect of diazepam and haloperidol as antipsychotic drugs on both the hypotensive and antihypertensive effect of the angiotensin – converting enzyme inhibitor, captopril. This effect was studied in both normotensive and renal hypertensive rats. Some pharmacological tools e.g. angiotensin I, angiotensin II, indomethacin, and bradykinin were used to investigate the mechanism of the possible interactions. The effect of these drugs were studied alone and in combination on some neurotransmitters e.g. epinephrine, norepinephrine and Gama amino butyric acid and serum electrolytes.

B) Techniques:-

- Induction of renal hypertension.
- Induction of insulin resistance in rats by high fat dite.
- Determination of glucose absorption and utilization by rat diaphragm.
- Determinaionof electrolytes by Atomic Adsorption.
- Determination of catecholamines in plasma and brain tissues.
- Determinatoin of GABA in brain tissues.
- Determination of lactate and pyruvate in blood.
- Dtermination of superoxide dismutase glutathion content, glutathion peroxidase and reductase .
- Determination of cortisol, T3 & T4.
- Determinaion of blood glucose and oral glucose tolerance.
- Deerminaiton of the arterial blood pressure of rats and rabbits.

Teaching experience:

1-Institution:

-Dept. of Pharamacology,

- (1980-1991): Teaching Basic Pharmacology and Toxicology and Forensic Chemistry for the pharmacy students, Faculty of Pharmacy, Zagazig University

- (1998-2005): Teaching Toxicology and First aid and Forensic chemistry for the 4th year pharmacy students, Faculty of Pharmacy, Zagazig University
- (1998 –2005): Teaching the advanced courses in clinical bases of diabetes mellitus and hepatitis and their immuno-pharmacology and immunotherapy, for the postgraduate students
- (1990 - 1991): **Dept. of pharmacology**, Faculty of pharmacy, Al-Azhar University, Cairo
- (1991-1993): **General Directorate of Health Affairs**, Asir Region, Primary Health Care, Training courses, MCH and Basic courses in drugs Management and control
- (1993-1997): **Teaching the pharmacy students of the College of Health Sciences of Abha** , Pharmacology I , II , and III Moreover, teaching the Comunity Health and Dental students Biostatistics and Pharmacology I and II
- (1999 – up to May, 2003): **Misr International University, (MIU)**, The supervisor of department of pharmacology. Participated in development of the infra structure of three pharmacology labs. **in the Faculty**. Teaching both basic Pharmacology I & II and clinical pharmacology I & II.

2-Teaching of the following courses:

A) Undergraduate courses:

- Toxicology and forensic chemistry and first aid
- Basic Pharmacology:
- Physiology
- Biostatistics

B) Postgraduate courses:

Gene therapy, immuno-pharmacology and some other advanced courses in clinical bases of diabetes and hepatitis for the M.Sc. and Ph.D. students dept. of pharmacology, faculty of pharmacy, Zagazig university.

3- Supervision:

1-Post graduate: Supervising Four pH.D. and seven M.Sc. Students.

a- New approach for treatment of diabetes mellitus.

- b- Diabetes control in case of hepatic insufficiency.**
- c- Functional impairment and repair of pancreatic B-cells. Role of nitric oxide and antioxidants.**
- d- Efficacy of silymarin and eclipta alba extract on carbohydrate and lipid metabolism in obese rats.**
- e- Contribution to study the effect of mulberry leaf extract (Morus nigla) on obesity-induced complications related to carbohydrate and lipid metabolism.**
- f- Effect of sound stress on the incidence and control of diabetes in young rats.**

4- Activities:

- 1- Head of the Dept. of Pharmacy, College of Health Sciences of Abha, Kingdome of Saudi Arabia (1993-1997).
- 2- Participated in development and the supervisor of the Computer Unit in the Faculty of Pharmacy, Zagazig University.
- 3- The main researcher of pharmacology in the project of Screening of the Egyptian wild plants and herbs in Sinai region for liver protection and treatment among Egyptian farmers.
- 4- Supervisor of the central laboratory in pharmacology dept. faculty of pharmacy, Containing; One HPLC system, One DELFIA Flouoroimmunoassay and a Neuromaper – EEG. Responsible for the operating and running procedures of the HPLC system in the same lab.
- 5-The Assistant of the Editor secretary of the Zagazig Journal of Pharmaceutical Sciences (An Abstracted Journal).

5- Membership of Scientific Societies:

- Egyptian pharmaceutical Society, Cairo, Egypt.
- The Egyptian Society of Pharmacology and Chemotherapeutics.
- The Saudi Society of Family and Community Medicine.
- The Egyptian Society of Toxicology.
- The Egyptian Society of Biochemistry.
- The Egyptian Society of Biochemistry and Molecular Biology.
- The Egyptian Society of Immunology.

6-Books:

- a- The Co-editor of the book of Toxicology I and first aid and and Toxicology II and forensic chemistry for the Fourth year Pharmacy students of Faculty of Parmacy, Zagazig University, Egypt.

- b-The editor of a book of pharmacology for the Pharmacy Saudi students in the collage of Health Sciences of Abha, Saudi Arabia.
- c-The Co-editor of a book of Pharmacology I and Pharmacology II for the third year Pharmacy students of Faculty of Pharmacy, Zagazig University, Egypt.
- d- The Co-editor of a book of Bioassay and Biostatistics for the fifth year Pharmacy students of the faculty of Pharmacy, the 6th of October University, Egypt.
- e- The Co-editor of a book of Physiology for the 1st year Pharmacy students of Zagazig University.

7- Principal fields of research:

A- Diabetes:

Five thesis for postgraduate students (Ph.D and MSc.) and 17 Publications in the incidences, mechanisms of protection and treatment of diabetes mellitus (Mainly Type II) using of natural products.

B- Liver Cirrhosis:

Pharmacological and pre-clinical studies on some natural products that can be used for treatment of liver cirrhosis.

C- Pharmacological and pre-clinical studies on natural products used for treatment of hemorrhoids and anal fissures.

D- Awarded the acceptance of the Ministry of State for Scientific Research and Technology, the Academy of Scientific Research and Technology, Egyptian Patent Office, for five documented patencies for some natural products that will be used in treatment of the following diseases:

- 1- Hemorrhoids and anal fissures.
- 2- Treatment of nasal hemorrhage in both children and adults.
- 3- Treatment of infertility in males and females.
- 4- Natural product for treatment of Burns , Wounds of Diabetic foot, Psoriasis and alopecia.

6-Employment:

A) In Egypt:

- **August 1980 - Jun 1985:**
Demonstrator: Pharmacology Dept., Faculty of Pharmacy, Zagazig University .
- **July, 1985 - June 1988:**
Assistant Lecturer: Pharmacology Dept., Faculty of Pharmacy, Zagazig University.
- **July, 1988 - Nov, 1992:**

Assistant Professor of Pharmacology: Dept. of Pharmacology,
Faculty of Pharmacy, Zagazig University.

- **Dec, 1992 – Sept. 2000:**

Associate Professor of Pharmacology: Pharmacology Dept., Faculty
of Pharmacy, Zagazig University .

- **Oct, 2000 – 2005:**

Professor of Pharmacology: Pharmacology Dept., Faculty of
Pharmacy, Zagazig University .

B) In Saudi Arabia (May, 1991 – June, 1997) and (2005 -----):

- **1991 – 1993:**

- A supervisor, in the Primary Health Care Department in General
Directorate of Health Affairs, Asir Region, (1991-1993). The main job
was supervising the Pharmacy duties in 233 PHCs and 5 Central
hospitals in the South region.

- **1993-1997:**

- Head of the Pharmacy department and teaching pharmacology for
the pharmacy, the Community Health and the Dental students of the
College of Health Sciences of Abha (1993-1997).

- **2005 up till now:**

- The present job: is a professor of pharmacology and clinical
toxicology, **Pharmacology dept., Faculty of pharmacy, King
abdul-Aziz University. KSA. The supervisor of the department.**

LIST OF PUBLICATIONS

- 1- M.Abdel-Aal, M. El-Sayed and S. Ghareib:** Possible mechanism of action of trichlorfon on the cardiovascular system of rabbit. ***J. Pharm. society of Egypt (Feb., 1986).***
- 2- M.Abdel-Aal, M. El-Sayed and S. Ghareib:** Catecholamine and electrolyte changes in rabbit tissues after trichlorfon injection.***(J. Pharm. society of Egypt. (Feb., 1986).***
- 3- N. El-Maraghy, R. Abdel-Ghany, A.Fahmy, M. Zakaria, S. Ghareib and H. El-Fayoumi :**Effect of sucralfate and cimetidine on the indomethacin induced

reduction in prostaglandin - E₂ of gastric lumine ***J. Biomed Med. Sci. Ther., 6(4) Dec. 1990.***

- 4- **Zakaria, M.N.M.; Ahmed, A.F.; Abdel-Ghany, R.H.; Ghareib, S.A. and El-Fayoumi H.M.** :Antiarrhythmic assessment of theophylline against reperfusion - induced arrhythmias in the isolated rat heart. ***J. Biomed. Med. Sci. Ther., 7(2) 1 April, 1991.***
- 5- **Ghareib, S.A. and Abbas,S.E.:** Synthesis and biological activity of certain antipyrene derivatives. ***Egypt. J. Pharm. Sci., 32(3-4) 1991.***
- 6- **Ghareib, S.A.; Attia, F. and Mohamed, H.E.:** Captopril modulates the antidiabetic effects of oral hypoglycemic - sulphonylurea in streptozotocin - diabetic normotensive rats. ***J. Biomed. Sci. Ther., 8(1) 1 Jan. 1991.***
- 7- **Ahmed, A.F.; Abdel-Aziz, f.T.; Ghareib, S.A.; El-Maraghy, N.N.; Deiab, A.M. and Ismail, O.E.:** Modulation of the hypolipidemic effect of complamin by glibenclamide in hyperlipidemic diabetic rats. ***Egypt. J. Appl. Endocrin. (Jan.) 1991.***
- 8- **El-Fayoumi, H.M.; Ghareib, S.A.; El-Maragy, N.N.; Abdel-Ghany, T.H. and Abdel-Aal, M.M. :** Effect of streptozotocin on the glucose and carbachol-induced insulin secretion from isolated perfused rat pancreas. ***Egypt J. Appl. Endocrin. (April) 1991.***
- 9- **Abdel-ghany, R.H.; Zakaria, M.N.M.; Ghareib, S.A. and Hamdy, H.:** Does lithium modulate the antihypertensive action of captopril in renal hypertensive rats? ***Egypt. J. Appl. Sci., 7(3)1992.***
- 10- **Ahmed, A.F.; Zakaria, M.N.M.; Abdel-Ghany, R.H.; Ghareib, S.A. and El-Fayoumi, H.M. :** A comparative study for the effect of glucose, fructose, sucrose and aspartam on serum glucose, insulin, potassium and calcium levels in normal rabbits. ***Egypt. J. Appl. Sci., 7(3) 1992.***
- 11-**Zakaria, M.N.M.; Abdel-Ghany, R.H.; Ghareib, S.A. and Hamdy, H.:** Effect of lithium, captopril and their combination on blood pressure of normotensive rats. A contribution to mechanism of action of lithium on blood pressure. ***Egypt. J. Appl. Sci., 7(3) 1992.***
- 12- **Ahmed, A.F.; Abdel-Aziz, f.T.; Ghareib, S.A.; El-Fayoumi, H.M.; Deiab, A.M. and Ismail, O.E. :** Interaction of complamin and glibenclamide on blood glucose,

blood lipids and liver function in streptozotocin - diabetic rats. *Egypt. J. Appl. Sci.*, **7(7) 1992.**

- 13- Ghareib, S.A.; Zakaria, M.N.M. and el-Fayoumi, H.M. : Potentiation of the hypotensive effect of captopril by the H₂ blocker cimetidine in the normotensive anaesthetized rats. *Zag. J. pharm. Sci.*, Vol. 2(1) June 1993.
- 14- Ghareib, S.A.; Zakaria, M.N.M. and El-Fayoumi, H.M.:Inhibition of the hypoglycemic effect of tolbutamide by the antimalarial drug, chloroquine and amodiaquine. *Egypt. J. Appl. Sci.*, 8(12) pp. 16-35. Dec., 1993.
- 15- Zakaria, M.N.N.; Ghareib, S.A. and El-Fayoumi, H.M. : Antiarrhythmic properties of tolbutamide against reperfusion - induced arrhythmias in the anaesthetized rat. *J. Biomed. Sci. Ther.*, 9(8) Aug. 1993.
- 16- El-Fayoumi, H.M.; Zakaria, M.N.M. and Ghareib, S.A.: Modulation of the haemodynamic and electrocardiographic effects of nifedipine by a cytochrome p-450 enzyme inhibitor. *Zag. J. pharm. Sci.*, Vol. 2 (2) Dec., 1993.
- 17- Zakaria, M.N.N.; Ghareib, S.A. and El-Fayoumi, H.M.:Modulation of the severity of reperfusion-induced arrhythmias by digoxin in the isolated rat heart. *Zag. J. Pharm. Sci.*, Vol. 2(2) December 1993.
- 18- Zakaria, M.N.M.; Saad, A.; Ghareib, S.A. and El-Fayoumi, H.M. : Evaluation of the antiarrhythmic activity of captopril against reperfusion induced arrhythmias in the anaesthetized rat. *Egypt. J. Appl. Sci.*, 8(8) pp. 460-472. Aug. 1993.
- 19- M. El-Sayed , A.Fahmy, M. Zakaria and S. Ghareib: The effect of diazepam on the hypotensive action of captopril in anaesthetized normotensive rats. The role of prostaglandins and angiotensin -1- converting enzyme. (*Egypt. J. Pharm. Sci*; **36**, (1-6) pp 439-453 (1995).
- 20- M. El-Sayed , A.Fahmy, M. Zakaria and S. Ghareib: Acute and subacute interaction of haloperidol with captopril on arterial blood pressure in relation to prostaglandins and angiotensin -1-converting enzyme in normotensive rats. (*Egypt. J. Pharm. Sci.*; **36**, (1-6) pp. 455-468, 1995)
- 21- M. El-Sayed , A.Fahmy, M. Zakaria and S. Ghareib: Modulation of the antihypertensive action of captopril by diazepam in renal hypertensive rats. The

implication of serum electrolytes and brain contents of GABA & catecholamines. (*Bull. Fac. Pharm. Cairo Univ., Vol. 33 Special Issue, 1995*).

- 22- **M. El-Sayed , A.Fahmy, M. Zakaria and S. Ghareib:** The effect of haloperidol and /or captopril on blood pressure heart rate, serum electrolytes and brain content of GABA and catecholamines in renal hypertensive rats. (*Bull. Fac. pharm. Cairo Univ., Vol. 33 special Issue, 1995*)
- 23- **El-Fayoumi, H.M. Zakaria, M.N.M. and Ghareib, S.A.:** Effect of Asprin on blood glucose and hormonal levels in diabetic and DOCA - treated nephrectomized - hypertensive rats. *Zag. J. pharm. Sci., Vol. 4(1) June 1995. pp. 219-226.*
- 24- **Salah A.Ghareib:** Effect of pregnancy on the hypotensive action of angiotensin - converting enzyme inhibitors in female rats. *Zag. J. Pharm. Sci., Vol. 6(1) pp. 77-90. June 1997.*
- 25- **Ghareib, S.A.; Zakaria, M.N.M. and El-Fayoumi, H.M.:** Effect of clofibrate on blood glucose and glucose tolerance in streptozotocin - diabetic rats. *Zag. J. Pharm. Sci., Vol. 6(1) pp. 60-70 June 1997.*
- 26- **Salah A.Ghareib:** Mebeverine and its metabolite, veratric acid induce hyperglycemia, glucose intolerance and affect blood lipids profile in rats. *Z.U.M.J. Vol. IV (3), 480-494 (1998).*
- 27- **Salah A. Ghareib :**Role of angiotensin-converting enzyme and nitric oxide in the antihyperlipidemic effect of pravastatin and cholestyramine in rats. *The New Egypt. J. Med., Vol, 22(4): 184-193; April, 2000*
- 28- **Salah A. Gharieb, Hekmat A. Abd-Elatife and Hassan M. El-Fayomi:** Effects of chromium and tamoxifen on female sex hormones, blood lipid profile and uterine activity in hyperlipidemic rats. *Zag. J. Pharm. Sci., Vol. 9 (1), June 2000.*
- 29- **Hekma A. Abd-Elatif, Laila G. Mahran and Salah A. Ghareib:** Possible mechanisms of allergic reactions produced by benazepril and perindopril. *The New Egypt. J. Med., Vol, 22(2): 86-92 ; Feb., 2000*
- 30- **Hassan M. El-Fayomi and Salah A. Ghareib:** An aspect on the role of nitric oxide in the control of insulin secretion-induced by glucose (11.1 mm) and carbachol using isolated perfused rat pancreas. *Zag. J. Pharm. Sci., Vol. 9 (1), June 2000.*

- 31- **Fakhr S. Ghazy, Salah A. Ghareib, Mohmoud A. Mahdy, Hanaa A. El-Ghamry, Mostafa M. Issa and Ahmed M. Sabati:** Formulation and evaluation of transdermal drug delivery system for nicardipine hydrochloride in vivo and in vivo. *M.J.P.S. Vol. 18(2), 80-103. 2002.*
- 32- **Ramadan A. Hemeida, Gamal A. El-Sherbiny, Mohamed A. Mohamed, Ahmed F. Ahmed and Salah A. Ghareib:** Aloe and silymarin protect rats against carbon tetrachloride- induced cirrhosis. *AAMJ, Vol, 1(2) 2003.*
- 33- **Ramadan A. Hemeida, Gamal A. El-Sherbiny, Mohamed A. Mohamed, Ahmed F. Ahmed and Salah A. Ghareib:** Silymarin and glilazide delay the incidence of diabetes in normal and cirrhotic rats. *AAMJ, Vol, 1(3) 2003.*
- 34- **Fakhr S. Ghazy, Salah A. Ghareib, Mohmoud A. Mahdy, Hanaa A. El-Ghamry, Mostafa M. Issa and Ahmed M. Sabati:** Transdermal absorption of certain vasodilators. *Alex. J. Pharm.Sci., Vol. 18(2) ; 151-157. 2004.*
- 35- **Fakhr S. Ghazy, Omima A. Sammour, Salah A. Ghareib, Hanaa A. El-Ghamry, Mostafa M. Issa and Gihan F. Attia:** Inclusion complexes of nicardipine-Hcl for oral administration. *Bulletin of Pharmaceutical Sciences , Vol, 28 (1) 2005.*
- 36- **Mohamed . M Abdelhakeim, Ahmed Fahmy. Salah Ghareib, Rasha Hassan, Sosan Mahmoud and Mohamed El-Nagar:** L-Carnitin inhances but bromocriptin reduces the antihyperglycemic action of bezafibrate in obese rats: Role of free fatty acids (*under publication*).
- 37- **Mohamed . M Abdelhakeim, Ahmed Fahmy. Salah Ghareib, Rasha Hassan, Sosan Mahmoud and Mohamed El-Nagar:** Antidiabetic activity of aloes extract in obese diabetic rats: Role of the free fatty acids modulations.(*under publication*).
- 38- **Mohamed . M Abdelhakeim, Ahmed Fahmy. Salah Ghareib, Rasha Hassan, Sosan Mahmoud and Mohamed El-Nagar:** Benzofibrate and aloes reduce the obesity-induced type II diabetes and insulin resistance.(*under publication*).
- 39- **Fakhr S. Ghazy, Omima A. Sammour, Salah A. Ghareib, Hanaa A. El-Ghamry, Mostafa M. Issa and Gihan F. Attia:** Formulation and evaluation of dipyrindamole solid dispersion. (*under publication*).
- 40- **¹M. Abdel-Aal. Mohamed; ¹Salah, A. Ghareib; ²Salah, A. Gabr; ³Suzan, FI Elsis and ¹Ghada, M. Elhady.** Protective Effect of Silymarin, Eclipta Alba Extract

Against High Fat Diet Induce Insulin Resistance and Hyperglycemia In Rats.
(under publication).

- 41- Mohamed M. , Ahmed F. Ahmed, Rasha H. Abdel-Ghany, ¹Salah, A. Ghareib; ³Suzan, FI Elsis and Mohamed M. Elnagar. L-carnitine enhances but Bromocriptine reduces the antihyperglycemic action of Bezafibrate in obese rats: Role of free fatty acids. *(under publication)*.
- 42-. Mohamed A. El-Zahabi¹, Faida H. Bamanie² Mohamed Moustafa², Zohair Al-Marzooki³ and Salah Ghareib⁴. Pharmaceutical Chemistry Department, Faculty of Pharmacy¹, Chemistry Department, Faculty of Medicine², Biochemistry Department, Faculty of Medicine³ and Pharmacology and Toxicology Department, Faculty of Pharmacy¹. King Abdulaziz University , KAU. **Design and Synthesis of Some New Glyburide Analogs For Hypoglycemic Activity The Scientific Committee of the National Conference in Chemistry. Makkah , Saudi Arabia , 15-16 April, 2007.**
- 43-. Mohamed A. El-Zahabi¹, Laila M. Gad¹, Faida H. Bamanie², Zohair Al-Marzooki³ and Salah Ghareib¹. Pharmaceutical Chemistry Department, Faculty of Pharmacy¹, Chemistry Department, Faculty of Medicine², Biochemistry Department, Faculty of Medicine³. King Abdulaziz University , KAU, Jeddah, KSA. **Synthesis of Some new derivatives of Cyclic Imides for Hypolipidemic Activity The 7th International Pharmaceutical conference. Riyadh , Saudi Arabia , 19-21 March, 2007.**