

Curriculum Vitae

Amal Galal Omar, Ph.D.

Professor - Department of Pharmacology & Toxicology

Faculty of Pharmacy - Alexandria University, Egypt

Phone: +201001708621

Email: amalgalal@hotmail.com



PERSONAL DATA

Date & Place of birth: February 10, 1968, Alexandria, Egypt.

Nationality: Egyptian.

Marital Status: Married, 1 daughter.

Language Proficiency: English & French.

ACADEMIC QUALIFICATIONS

1. **Ph.D.** in Pharmacology (May 2002), Faculty of Pharmacy, Alexandria University, entitled "Cyclosporine-induced nephrotoxicity in rats and possible modulatory mechanisms".
2. **M. Sc.** in Pharmacology (March 1996), Faculty of Pharmacy, Alexandria University, entitled "Influence of dopaminergic mechanisms in the modulation of neurotransmission".
3. **B.Sc.** in Pharmaceutical Sciences (June 1990), Top graduate, Distinction honor, Faculty of Pharmacy, Alexandria University, Egypt.
4. **High School Certificate** (1985), Science section, Grade 97.7%, French education school "Institution Sainte Jeanne Antide", Alexandria, Egypt.

APPOINTMENTS

I- Academic:

1. Professor (July 2016 to date), Department of Pharmacology & Toxicology, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
2. Associate Professor (January 2008 to June 2016), Department of Pharmacology & Toxicology, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
3. Lecturer (June 2002 - December 2007), Department of Pharmacology & Toxicology, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
4. Assistant Lecturer (May 1996 – May 2002), Department of Pharmacology & Toxicology, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
5. Instructor (January 1991 – April 1996), Department of Pharmacology & Toxicology, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.

II- Administrative:

1. Executive Director of the Quality Assurance Unit, Faculty of Pharmacy, Alexandria University (January 2017 to date).
2. Head of the department of Pharmacology & Therapeutics (September 2013 – June 2016), Faculty of Pharmacy, Beirut Arab University, Beirut, Lebanon (leave of absence).
3. Academic Coordinator, (September 2014 to June 2016), Faculty of Pharmacy, Beirut Arab University, Beirut, Lebanon (leave of absence).
4. Dean of Admission & Registration (April 2009 - September 2009), Pharos University in Alexandria, Alexandria, Egypt (leave of absence).

5. Head of the department of Pharmacology & Toxicology (January 2008 – March 2009), Faculty of Pharmacy & Drug Manufacturing, Pharos University in Alexandria, Alexandria, Egypt (leave of absence).
6. Head of Academic Advising & Registration (June 2008 - March 2009), Pharos University in Alexandria, Alexandria, Egypt (leave of absence).

III- Leave of Absence:

1. Faculty of Pharmacy, Beirut Arab University, Beirut, Lebanon (September 2011 to June 2016).
2. Faculty of Pharmacy & Drug Manufacturing, Pharos University in Alexandria, Alexandria, Egypt (September 2006 – August 2011).

AWARDS

1. Egyptian Pharmaceutical Companies Award for Distinction Honor Graduate (1990).
2. Egyptian Pharmaceutical Companies Award for top graduate (1990).

TEACHING EXPERIENCE

1. Teaching Biochemistry to undergraduate students, Faculty of Pharmacy, Beirut Arab University.
2. Teaching Pharmacology to undergraduate students, Faculty of Pharmacy, and Faculty of Dentistry Beirut Arab University.
3. Teaching Pharmacotherapeutics to undergraduate students, Faculty of Pharmacy, Beirut Arab University.
4. Teaching the following courses to postgraduate Pharmacy students, Beirut Arab University: Special topics in Biochemistry, Advanced Biochemistry, Advanced Biochemical techniques, Experimental Pharmacology, Selected topics in Toxicology, Advanced topics in experimental pharmacology, Research topics in cardiovascular & renal pharmacology.
5. Teaching Applied pharmacology to postgraduate Dentistry students, Beirut Arab University.
6. Participate in teaching Bioevaluation & Drug Screening to undergraduate students, Faculty of Pharmacy & Drug Manufacturing, Pharos University in Alexandria.
7. Participate in teaching Forensic Chemistry to undergraduate students, Faculty of Pharmacy & Drug Manufacturing, Pharos University in Alexandria.
8. Participate in teaching Pharmacology to undergraduate students, Faculty of Pharmacy & Drug Manufacturing, Pharos University in Alexandria.
9. Participate in teaching Biochemistry to undergraduate Pharmacy & Dentistry students, Pharos University in Alexandria.
10. Participate in teaching Cell & Molecular Biology to undergraduate students, Faculty of Pharmacy & Drug Manufacturing, Pharos University in Alexandria.
11. Participate in teaching advanced Pharmacology courses to postgraduate Pharmacy students, Faculty of Pharmacy, Alexandria University.
12. Participate in teaching Pharmacology & Biological assays to undergraduate students, Faculty of Pharmacy, Alexandria University.
13. Participate in teaching laboratory courses of Pharmacology, Biochemistry, Toxicology and Biological Assays for undergraduate students, Faculty of Pharmacy, Alexandria University.

I- PharmD:

1. Candidemia Incidence, Risk Factors and Associated Outcomes at a University Hospital in Beirut; Sarah El-Massry, Faculty of Pharmacy, Beirut Arab University; defense date: 12/12/2012.
2. Acute Coronary Syndrome Characteristics, Risk Factors and In-hospital Outcomes: A Retrospective Study on Patients Admitted to Coronary Care Unit At A Lebanese University Hospital; Sarah Zouhairi, Faculty of Pharmacy, Beirut Arab University; defense date: 21/1/2013.
3. Type 2 diabetes mellitus: a retrospective study of metabolic and blood pressure control; Hanan Noureldinne, Faculty of Pharmacy, Beirut Arab University; defense date: 23/4/2013.
4. Evaluation of Use Patterns and Adherence to Antidepressants in a Sample of Lebanese Population; Mariam Ali, Faculty of Pharmacy, Beirut Arab University; defense date: 29/5/2013.
5. Evaluation of Patients Knowledge Regarding Chronic Medication Therapy; Faten Dakdouk, Faculty of Pharmacy, Beirut Arab University; defense date: 21/11/2013.
6. Opinion of the Pharmacist in Lebanon towards continuous education and an assessment of the need to it; Fadia Shahal, Faculty of Pharmacy, Beirut Arab University; defense date: 12/1/2015.
7. Assessment of insomnia prevalence, risk factors & treatment pattern in the Lebanese community: a community Pharmacy based study; Lama Al- Aridi, Faculty of Pharmacy, Beirut Arab University; defense date: 18/5/2015.
8. Aspirin for Primary Prevention of Myocardial Infarction and Ischemic Stroke: a Cross Sectional Study to Assess Compliance to Guidelines; Walid Maasarani, Faculty of Pharmacy, Beirut Arab University; defense date: 9/9/2015.
9. How much do consumers really know about non-steroidal anti-inflammatory drugs? A community Pharmacy based survey study; Sarah El Sayegh, Faculty of Pharmacy, Beirut Arab University; defense date: 10/9/2015.
10. Assessment of the Role of the Pharmacists in Patients Complaining of Heartburn: A Community Based Study in Lebanon; Rawan Ismail, Faculty of Pharmacy, Beirut Arab University; defense date: 10/9/2015.
11. Assessment of the Eligible Use of Novel Oral Anticoagulants versus Acenocoumarol in a Sample of Lebanese Patients: a Retrospective Study; Mira Abou Dargham, Faculty of Pharmacy, Beirut Arab University; defense date: 10/9/2015.
12. Impact of Social Media on Pharmacy Profession; Rawan Marwan Eido, Faculty of Pharmacy, Beirut Arab University; defense date: 4/11/2015.
13. Assessment of Medication Reconciliation at Hospital Discharge: A Prospective Study on a Sample of Lebanese Hospitalized Patients; Sarah Daher, Faculty of Pharmacy, Beirut Arab University; defense date: 16/11/2015.

II- Masters:

1. Adverse vascular effects of cyclosporine in rats; Mai Mostafa Helmy; Faculty of Pharmacy, Alexandria University; defense date: 13/2/2006.
2. Role of potassium channel modulators in morphine-induced analgesia in rats; Suzanne Awmy Nasser, Faculty of Pharmacy, Beirut Arab University; defense date: 4/7/2007.

3. Study of the interaction of celecoxib, nitric oxide and reactive oxygen species in ischemic acute renal failure in rats; Lobna Mohamed Abdel Moneim, Faculty of Pharmacy & Drug Manufacturing, Pharos University in Alexandria; defense date: 18/4/2013.
4. Study of Hemodynamic effects of Gabapentin in Experimental Animals; Safaa Hammoud, Faculty of Pharmacy, Beirut Arab University; defense date: 26/11/2013.
5. Evaluation of the anticholinesterase activity and hepatotoxicity of selected chemical compounds; Hassan Mohamed Haidar, Faculty of Pharmacy, Beirut Arab University; defense date: 27/4/2016.
6. The study of the effect of Nootkatone on liver fibrosis; Amani Ali Al Kurdy; Faculty of Pharmacy, Beirut Arab University; defense date: 29/6/2016.

III- PhD:

1. Hemodynamic interaction between cyclosporine and centrally acting antihypertensive agents; Mai Mostafa Helmy, Faculty of Pharmacy, Alexandria University; defense date: 14/9/2009.
2. Modulation of EDHF-Mediated Renovascular Relaxation by CYP Inducers/Inhibitors in Cyclosporine Nephrotoxicity in Rats; Safaa Hammoud, Faculty of Pharmacy, Beirut Arab University; In-progress.

PEER REVIEWING

Peer reviewer in **Qatar National Research Fund (QNRF)**, a member of Qatar Foundation, since June 2008 to date:

1. NPRP 08 - 503 - 3 - 111 (05-Feb-2009):
Biomolecular Markers Predictive/Diagnostic of Renal Allograft Status.
2. UREP 06 - 002 - 3 - 002 (23-May-2009):
Quality Use of Prescriptions (QUP-OTC-MD): Physician Perceptions of Over-The-Counter Medication and Pharmacists Interventions to Enhance Safety in Primary Care.
3. UREP 06 - 118 - 1 - 025 (23-May-2009):
The Role of Mast Cells and Local Angiotensin Formation in Diabetes.
4. UREP 07 - 009 - 3 - 001 (12-Dec-2009):
Pharmacist-Patient Interactions: Evaluation of Private Community Pharmacies in Qatar.
5. UREP 09 - 109 - 1 - 026 (13-Dec-2010):
Alternation of Circadian Rhythm and Cardiovascular Function.
6. UREP 11 - 003 - 3 - 001 (20-Dec-2011):
Cardiovascular diseases prevention in the State of Qatar: a survey of pharmacists' activities, attitudes and knowledge.
7. UREP 11 - 039 - 3 - 007 (20-Dec-2011):
A Cohort Study Investigating the Potential Endothelial Benefit of Ivabradine among patients with chronic stable angina.
8. UREP 12 - 043 - 3 - 007 (06-Jun-2012):
Effect of Rhus coriaria on palmitic-induced oxidative stress and ER stress in rat renal proximal tubular cells.

9. UREP 14 - 008 - 3 - 006 (15-Jun-2013):

Synthesis and pharmacological screening of novel chemical chaperones against tunicamycin-induced ER stress and renal cell death.

10. UREP 16 - 147 - 1 - 022 (28-May-2014):

Ziziphus nummularia modulate the phenotype of human aortic smooth muscle cells: effects on proliferation, migration, invasion and adhesion.

CONFERENCES ATTENDED

1. 65th International Congress of FIP, Cairo, Egypt (3-8/9/2005).
2. 47th Annual Conference of the Egyptian Society of Pharmacology & Experimental Therapeutics, Helwan University, Helwan, Egypt (1/12/2005).
3. Biovision Alexandria 2006, Bibliotheca Alexandrina, Alexandria, Egypt (26-29/4/2006).
4. Biovision Alexandria 2008, Bibliotheca Alexandrina, Alexandria, Egypt (12-16/4/2008).
5. Recent Advances in Pharmaceutical Research and Technology, Beirut Arab University, Beirut, Lebanon, (6-7/5/2010).
6. Conference of the Lebanese Order of Pharmacists, Hilton Beirut Habtoor Grand Hotel, Lebanon (22/10/2011).
7. 20th LAAS International Scientific Conference, New Frontiers in Science, Lebanese University, Hadath, Beirut, Lebanon (27-29/3/2014).
8. APU – BAU Congress, Appropriate Use of Medication: A guarantee for a safe society, Beirut Arab University, Beirut, Lebanon (5-6/6/2015).

COURSES & WORKSHOPS ATTENDED

1. Faculty & Leadership Development Project (**FLDP**) course for: "Effective Communication", Alexandria University (23-28/10/2004).
2. Faculty & Leadership Development Project (**FLDP**) course for: "Ethical Aspects of Teaching", Alexandria University (4-6/12/2004).
3. Faculty & Leadership Development Project (**FLDP**) course for: "Skills of Effective Thinking", Alexandria University (11-14/12/2004).
4. Faculty & Leadership Development Project (**FLDP**) course for: "Management of scientific research", Alexandria University (14-17/5/2005).
5. Faculty & Leadership Development Project (**FLDP**) course for: "Preparing Research project", Alexandria University (7-9/7/2007).
6. Faculty & Leadership Development Project (**FLDP**) course for: "Time & stress management", Alexandria University (21-24/7/2007).
7. Faculty & Leadership Development Project (**FLDP**) course for: "Curriculum design", Alexandria University (14-16/8/2007).
8. Seminar & workshop series for "**Bioanalytical lab workers training**" offered by the Development & Application of Advanced Instrumental Analysis of Drug Quality Control Curriculum (**DAQC**) project, Alexandria University (24-27/7/2005).
9. Workshop for training on "**Microlabs**" computer program to teach practical pharmacology, Faculty of Pharmacy, Misr University for Science & Technology (MUST) (16/3/2006).

10. **MS PowerPoint XP** course, grade A, The American University in Cairo, Center for Adult and Continuing Education, in cooperation with the Arab Academy for Science, Technology and Maritime Transport Community Service Programs (4/8/2006).
11. **MS Excel** course, grade A, The Arab Academy for Science and Technology and Maritime Transport Community Service Programs (4/9/2006).
12. **AD Instruments** workshop entitled “**Applications in Biomedical Engineering**”; Golden Tulip Galleria Hotel, Jnah, Beirut, Lebanon (27/2/2013).
13. **AD Instruments** workshop entitled “**Recent Advances in Cardiovascular Research**”; Faculty of Medicine, Lebanese University, Hadath, Beirut, Lebanon (9/11/2013).
14. **Enhancement of Staff-members’ Teaching Skills** workshops, Beirut Arab University (Academic year 2013/2014).
15. Faculty & Leadership Development Project (**FLDP**) course for: "Credit hour system", Alexandria University (4-5/7/2016).
16. Faculty & Leadership Development Project (**FLDP**) course for: "Exams & Student Assessment", Alexandria University (11-12/7/2016).
17. Faculty & Leadership Development Project (**FLDP**) course for: "Crisis & Disaster Management", Alexandria University (13-14/7/2016).
18. Faculty & Leadership Development Project (**FLDP**) course for: "Management of Scientific references", Alexandria University (18-19/7/2016).
19. Faculty & Leadership Development Project (**FLDP**) course for: "Criteria of Quality in Teaching", Alexandria University (21/7/2016).
20. Faculty & Leadership Development Project (**FLDP**) course for: "Effective presentation skills", Alexandria University (21/7/2016).

EXTRACURRICULAR LECTURES DELIVERED

1. Lecture entitled “**Female Sex Hormones**”; Syndicate of Pharmacists in Alexandria, Project for general education of female pharmacists (11/8/2005).
2. Lecture entitled: “**Academic advising, from knowledge to practice**; Important tips for a fruitful student–advisor interaction”; Beirut Arab University (4/11/2014).
3. Lecture entitled: “**Review on NSAIDs and their Cardiovascular risks**; APU (Arab Pharmacist Union) – BAU Congress “Appropriate Use of Medication: A guarantee for a safe society”; Beirut Arab University, Beirut, Lebanon (5-6/6/2015).

OTHER ACTIVITIES

Membership of the Scientific Committee in **PHARCO** Pharmaceutical Company (January 2004 – August 2011).

PUBLICATIONS

I- Articles:

1. El-Mallah A.I., Sharabi F.M., **Omar A.G.** and El-Mas M.M. (1995): Prazosin-induced blockade of extraneuronal uptake facilitates dopaminergic modulation of muscle twitches in rat vas deferens. **J. Pharm. Pharmacol.**, 47: 932-936.
2. El-Mas M.M., El-Mallah A.I., **Omar A.G.** and Sharabi F.M. (1999): Dopamine modulates peripheral purinergic neurotransmission through multiple presynaptic receptors: Tissue-dependent effects. **Pharmacological Research**, 39: 11-19.

3. El-Mas M.M., Afify E.A., Mohy El-Din M.M., **Omar A.G.** and Sharabi F.M. (2001): Testosterone facilitates the baroreceptor control of reflex bradycardia: role of cardiac sympathetic and parasympathetic components. **J. Cardiovas. Pharmacol.**, 38: 754-763.
4. El-Mas M.M., Afify E.A., **Omar A.G.** and Sharabi F.M. (2002): Cyclosporine attenuates the autonomic modulation of reflex chronotropic responses in conscious rats. **Can. J. Physiol. Pharmacol.**, 80: 766-776
5. El-Mas M.M., Afify E.A., **Omar A.G.** and Sharabi F.M. (2002): Cyclosporine adversely affects baroreflexes via inhibition of testosterone modulation of cardiac vagal control. **J. Pharmacol. Exp. Ther.**, 301: 346-354.
6. El-Mas M.M., Afify E.A., **Omar A.G.**, Mohy El-Din M.M. and Sharabi F.M. (2003): Testosterone depletion contributes to cyclosporine-induced chronic impairment of acetylcholine renovascular relaxations. **Eur. J. Pharmacol.**, 468: 217-224.
7. **Omar A.G.** and El-Mas M.M. (2004): Time-domain evaluation of cyclosporine interaction with hemodynamic variability in rats. **Cardiovasc. Drugs Ther.**, 18: 461-468.
8. El-Ashmawy I.M., **Omar A.G.** and Omar A.M. (2005): Effect of some essential oils (Urinex, Bilichol) on blood glucose levels in rats. **Alex. J. Pharm. Sci.**, 19: 41-45.
9. Okda A.A., **Omar A.G.** and Omar A.M. (2005): Evening Primrose: A cure-all medicine. **Alex. J. Pharm. Sci.**, 19: 85-96.
10. **Omar A.G.**, Sharabi F.M., Daabees, T.T., El-Mallah A.I. and El-Yazbi, A.F. (2005): Comparative functional antagonistic potencies of tamsulosin and terazosin at α_1 -adrenoceptors in-vitro. **J. Egypt. Soc. Pharmacol. Exp. Ther.**, 26:569-588.
11. **Omar A.G.**, Afify E.A., Mohy El-Din M., Sharabi F.M. and Abd El-Kader M. (2006): Renal functional & histomorphological evaluation of cyclosporin A-verapamil interaction in male rats. **Bull. Alex. Fac. Med.**, 42: 701-708.
12. **Omar A.G.** (2007): Influence of short-term simvastatin treatment on myoglobinuric acute renal failure in rats. **J. Egypt. Soc. Pharmacol. Exp. Ther.**, 28:1-17.
13. Abdel Galil A.A., El-Sawy M.A., Saad E.I., **Omar A.G.** and Helmy M.M. (2007): Simvastatin reverses cyclosporin A-induced endothelial damage in rats: lipid-lowering-dependent and -independent effects. **Bull. Alex. Fac. Med.**, 43: 135-144.
14. Abdel Galil A.A., El-Sawy M.A., Saad E.I., **Omar A.G.**, El-Deeb N.M. and Helmy M.M. (2007): α -Tocopherol enhances vascular antioxidant status and preserves vascular integrity in Cyclosporin A-treated rats. **Alex. J. Pharm. Sci.**, 21:145-152.
15. El-Mas M.M., **Omar A.G.**, Helmy M.M. and Mohy El-Din M.M. (2009): Interruption of central neuronal pathway of imidazoline I1 receptor mediates the hypertensive effect of cyclosporine in rats. **Brain Research**, 1248: 96 – 106.
16. El-Mas M.M., **Omar A.G.**, Helmy M.M. and Mohy El-Din M.M. (2012): Crosstalk between central pathways of nitric oxide and carbon monoxide in the hypertensive action of cyclosporine. **Neuropharmacology**, 62: 1890-1896.
17. El-Mas M.M., Mohy El-Din M.M., Helmy M.M. and **Omar A.G.** (2012): Redox imbalances incite the hypertensive, baroreflex, and autonomic effects of cyclosporine in rats. **European Journal of Pharmacology**, 694: 82-88.
18. Afify E.A., Khedr M.M., **Omar A.G.** and Nasser S.A. (2013): The involvement of K_{ATP} channels in morphine-induced antinociception and hepatic oxidative stress in acute and inflammatory pain in rats. **Fundamental & Clinical Pharmacology**, 27: 623-631.
19. Senbel, A.M., AbdelMoneim, L.M. and **Omar A.G.** (2014): Celecoxib modulates nitric oxide and reactive oxygen species in kidney ischemia/reperfusion injury and in rat aorta model of hypoxia/reoxygenation. **Vascular Pharmacology**, 62: 24-31.

20. Hanan Nouredine, Nancy Nakhoul, **Amal Galal**, Lama Soubra and Mounzer Saleh (2014): Level of A1C control and its predictors among Lebanese Type2 Diabetic Patients. **Ther. Adv. Endocrinol. Metab.**, 5: 43-52.
21. Senbel, A.M., **Omar A.G.**, AbdelMoneim, L.M., Mohamed H.F. and Daabees T.T. (2014): Evaluation of L-arginine on kidney function and vascular reactivity following ischemic injury in rats: protective effects and potential interactions. **Pharmacological Reports**, 66: 976-983.
22. Raafat, K. M. & **Omar A.G.** (2015): Phytotherapeutic activity of curcumol: Isolation, GC-MS identification, and assessing potentials against acute and subchronic hyperglycemia, tactile allodynia, and hyperalgesia. **Pharmaceutical Biology**.
<http://dx.doi.org/10.3109/13880209.2015.1077463>

II- Abstracts:

1. Sharabi F.M., El-Mallah A.I., **Omar A.G.** and El-Mas M.M. (1996): Dopamine modulates neurotransmission at periphery through multiple presynaptic receptors: Tissue-dependent effects. *FASEB J.* 10(3): Abstract# 2467, pp. A 427.
2. El-Mas M.M., Afify E.A., **Omar A.G.**, Mohy El-Din M.M. and Sharabi F.M. (2003): Dopamine modulates neurotransmission at periphery through multiple presynaptic receptors: Tissue-dependent effects. *FASEB J.* 17(5): Abstract# 386.8, pp. A 617.
3. **Omar, A.G.**, Sharabi F.M., Daabees, T.T., El-Mallah A.I. and El-Yazbi, A.F. (2005): comparative functional antagonistic potencies of tamsulosin and terazosin at α_1 -adrenoceptors in-vitro. 47th Annual Conference of the Egyptian Society of Pharmacology & Experimental Therapeutics, Helwan, Egypt, Abstract# P20, pp. 28.
4. **Omar, A.G.**, Afify E.A., Mohy El-Din M.M., Sharabi F.M. and Abd El-Kader M. (2006): Renal functional & histomorphological Evaluation of cyclosporin A-verapamil interaction in male rats. Biovision Alexandria 2006, Abstract# P380, pp 32.
5. El-Mas M.M., **Omar A.G.**, Helmy M.M. and Mohy El-Din M.M (2008): Nitric oxide modulation of central imidazoline I₁ receptors accounts for the hypertensive effect of cyclosporine in rats. *FASEB J.*, 22:1129.9.
6. Khedr M.M., Afify E.A., **Omar A.G.** and Nasser S.A. (2010): Differential role of K_{ATP} Channel modulators on morphine-induced antinociception and oxidative stress in rats. Recent Advances in Pharmaceutical Research and Technology, Beirut Arab University, Beirut, Lebanon, pp39.
7. El-Mas M.M., **Omar A.G.**, Helmy M.M. and Mohy El-Din M.M. (2010): Amelioration by Tempol of the hypertensive and baroreflex depressant effects of cyclosporine in conscious rats: role of cardiac autonomic control. *FASEB J.*, 24:961.5.
8. El-Mas M.M., **Omar A.G.**, Helmy M.M. and Mohy El-Din M.M. (2010): Modulation of cyclosporine-induced hypertension by central endothelial and neuronal nitric oxide synthases. *FASEB J.*, 24:959.10.
9. Raafat K. & **Omar A.** (2014): Curcumol "a Bioactive Natural Product of Curcuma Longa L. Ameliorates Hyperglycemia and attenuates Thermal Hyperalgesia in a diabetic Mouse Model. 20th LAAS International Scientific Conference – New Frontiers in Science, Lebanese University, Hadath, Beirut, Lebanon; pp26.

III- Books:

1. **Omar A.G.** (2014): Biochemistry for Pharmacy Students, First Edition, Beirut, Lebanon; **ISBN** 978-9953-0-2846-0.