

## Curriculum vitae

**Name:** Ahmed Ibrahim ElMallah

**Birthday:** 16/3/1955

**Marital Status:** Married and have three children.

**Current Position :** Professor of Pharmacology & Therapeutics, Faculty of Pharmacy, Alexandria University, Egypt.



### Qualifications:

\* B.Sc. Pharmacy, June, 1978 with distinction honor. Faculty of Pharmacy, Alexandria University, Egypt.

\* M.Sc. Pharmacology, September, 1982. Faculty of Pharmacy Alexandria University.

\* Ph.D. Pharmacology, December, 1990. Faculty of Pharmacy, Alexandria University, Egypt.

\* PharmD. 2018, Faculty of Pharmacy, Alexandria University.

### Appointments:

1978-1982 demonstrator of Pharmacology, Toxicology, and Biological assays.

1982-1983 Assistant Lecturer of Pharmacology, Toxicology, and Biological assays.

1983-1986 Pharmacist at the Saudi Arabia National Guard, Saudi Arabia,

1986-1990 Assistant Lecturer of Toxicology and Biological assays.

1990- 1995 Lecturer of Pharmacology, Toxicology, Biological assays, screening and Biostatistics.

1995-2004 Assistant professor

2004-2008 Professor of Pharmacology , Faculty of Pharmacy, Alexandria University

2008- 2013 Professor of Pharmacology and Head of Pharmacology & Therapeutics Department, Faculty of Pharmacy, Beirut Arab University (BAU) , Beirut, Lebanon.

2013-2014 Professor of Pharmacology & Therapeutics, Faculty of Pharmacy, Pharos Univerity in Alexandria.

2015- 2016 : Vice Dean for education & student affaris at Faculty of Pharmacy, Pharos Univerity in Alexandria.

2017-current: Professor of Pharmacology & Therapeutics, Faculty of Pharmacy, Alexandria Univerity, Alexandria, Egypt.

*In Addition, from 6/2002 , Consultant at Emitco Pharmaceuticals, Alexandria, Egypt*

#### **Postdoctoral Reseach Missions:**

- 1- Faculty of Pharmacy, Strathclyde University, Scotland, UK. From 15-3-1994 to 13-7-1994
- 2- School of Medicine. North Carolina University, East Carolina, USA, from 21-8-2001 to 11-1-2002.

#### **Teaching visitor:**

- 1- Faculty of Pharmacy, Beiurt Arabic University for 8 weeks, 2000
- 2- Faculty of Pharmacy, Beiurt Arabic University for 6 weeks, 2005
- 3- Faculty of Pharmacy, Beiurt Arabic University for 8 weeks, 2006
- 4- Faculty of Pharmacy, Beiurt Arabic University for 13 weeks, 2007
- 5- As an Examinar at Faculty of Medicine, Arab University, BanGasi, Lybia, For several times.

## **Membership**

Member of the Egyptian Pharmaceutical Association.

## **Address: Ahmed Ibrahim ElMallah,**

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## **Current Address: Ahmed I. Elmallah, Ph.D.**

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## **Published Articles (Full Papers)**

### **1. Action and interaction of pethidine on skeletal muscle transmission (1983).**

F.M. Sharabi; N.M.S. Bakry; A.I. ElMallah; A-R. A. Abdel-Rahman; A. Abdel Aziz and R. Zeitoun. Con. of the Egypt. Soci. of Pharm. Exper. Ther. Cairo, Egypt. April .

### **2. Neuromuscular blockade induced by chlorpheniramine and Antazoline (1984).**

Abdel-Rahman A. Abdel Rahman; Nabil M. Bakry; Ahmed I. ElMallah; Rashida Zeitoun and Ahmed Abdel Aziz. J. Egypt. Soc. Toxicol., 1: 1-17.

3. **A comparison between the effect of chlorpheniramine and antazoline on adrenergic transmission (1984).** Nabil M. Bakry; Abdel-Rahman A. Abdel-Rahman; Ahmed I. ElMallah; Rashida Zeitoun and Ahmed Abdel-Aziz. J. Egypt. Soc. Toxic. 1: 33-50.
4. **Reproductive and Histopathological Effects of the Fasciolicidal Drug Closantel in Male Rats (1992).** Sawi A.F.; El-Manakhly, E.M.; ElMallah A.I.; El-Ashmawy I.M.; Fayed A.H; and Zakaria A.D. Proc. 5th Sci. Con.Fac. Vet.Med. Assiut Univ. Egypt, Nov. 8-10.
5. **Evidence for an  $\alpha$  -Presynaptic blocking activity of levamisole in the isolated rat vas deferens (1993).** Mahmoud M. Mohy El-Din; Ahmed I. ElMallah; Abdel-Rahim Ghazal; Rashida Zeitoun and Abdel-Galil A. Abdel-Galil. Alex. J. Pharm. Sci., Vol 7 (1), 9, Feb.
6. **Effect of  $\omega$ -conotoxin on cholinergic transmission in the field stimulated guinea pig ileum: Interaction with presynaptic  $\alpha$  -adrenoceptors (1993).** Abdel-Rahim Ghazal; Mahmoud M. Mohy El-Din; Ahmed I. ElMallah; Abdel Galil A. Abdel Galil. and Rashida Zeitoun. J. Egypt.Soci. Pharmacl. Exp. Ther. 12 (1), 481-503.
7. **Action and interaction of levamisole on neuromuscular transmission (1993).** Rashida M. Zeitoun; Mahmoud M. Mohy El-Din; Ahmed I. ElMallah; Abdel Galil A. Abdel Galil and Abdel Rahim Ghazal. J. Egypt. Soc. Pharmacl., Exp. Ther. 12 (1) 505-524.
8. **Action and Interaction of Diltiazem and Verapamil on Neuromuscular Transmission (1994).** Mahmoud M.Mohy El-Din, Ahmed I.ElMallah, Rashida . Zeitoun, Abdel Galil A. Abdel Galil and Abdel Rahim Ghazal. Alex. J. Pharm. Sci., 8(2), 111-115.
9. **Closantel: Myoneural activity and mechanism of fasciolicidal Activity, (1994).** Ahmed I. ElMallah; Mostafa Abdel Aziz; Abdel Salam Elsayy and Ibrahim ElAshmawy. Alex.J. Pharm.Sci. 8(2), 89-93.
10. **Sites of Action of Nifedipine at the Neuromuscular Junction (1995).** Mahmoud Mohy El-Din, Ahmed I.ElMallah, Rashida M. Zeitoun, Abdel

- Galil A. Abdel Galil and Abdel Rahim Ghazal. Alex. J. Pharm. Sci., 9(1) 49-54.
11. **Neuromuscular blocking profile of the vecuronium analogue, Org-9487, in the isolated rat hemidiaphragm preparation (1995).** Chris Prior; Lijun Tian; Ahmed I. ElMallah; Louise Young and Joanna M. Ward. Br J. Pharm, 116, 3049-3055.
  12. **Prazosin-induced Blockade of Extraneuronal Uptake Facilitates Dopaminergic Modulation of Muscle Twitches in Rat Vas Deferens (1995).** Ahmed I. ElMallah; Fouad Sharabi; Amal G. Omar and Mahmoud M. El-Mas. J. Pharm. Pharmacol. , 47, 932-936.
  13. **Synthesis, Estrogen Receptor Binding Affinity and Biological Evaluation of some -Thiazolyestrone and Estratrienol [17,16-d] thiazole Derivatives (1996).** A. Mohsen M.E.Omar, Omaila M. Aboulwafa, Ibrahim M. Labouta, Alaa A. El-tombary and Ahmed I. ElMallah. Alex. J. Pharm. Sci. , 10(1), 19-25.
  14. **4', 17- Dioxo- 5' H-estra-1(10), 4-dieno [3,2-b] furan: Synthesis, Binding Affinity to the Estrogen Receptor, Uterotrophic and Antiimplantation Activities (1996).** A. Mohsen M.E.Omar, Omaila M. Aboulwafa, Ibrahim M. Labouta, Alaa A. El-tombary and Ahmed I. ElMallah. Arch. Pharm. Pharm. Med. Chem. 329, 61-65.
  15. **Effect of Furosemide On Several Agonists induced contractions In isolated guinea Pig Trachealis Muscle and On Allergen Sensitized Guinea Pigs (1997).** Zeinab A. Shalouh; Azza H. El-Medany; Nabil M. El-Bahie; Mahmoud Shabaan; Ahmed ElMallah and Mohamed G. El-Din El-Sakkarr. Bull. Alex. Fac. Med., 33(2) 205-213.
  16. **Synthesis of some novel pyrazole derivatives as potential antiinflammatory agents with minimum ulcerogenic activity (1998).** El-Hawash SA, El-Mallah AI. Pharmazie., 53(6):368-73.
  17. **Dopamine modulates peripheral purinergic neurotransmission through multiple presynaptic receptors: Tissue-dependent effects ( 1999)**

Mahmoud M. El-Mas; Ahmed I. ElMallah; Amal G. Omar and Fouad Sharabi. *Pharmacological Research*, 39 (1), 11-19.

18. **Topical Capsaicin-Curcumin Combination : An Effective Therapy For Chronic Painful Distal Symmetric Polyneuropathy In Diabetic Patients (2002).** Sanaa Gazareen, Ibrahim, M.I.A, Said El Mallah , and Ahmed I. ElMallah.
19. **Effect of Cypermethrin On lipid peroxidation and Some Antioxidant Defense Mechanisms In Rats (2002).** Evan I. Saad, Ahmed I. ElMallah, Tahia T Daabees, Abdel Rahim Ghjazal and neveen ElNozahi. *J. Egypt. Soc. Pharmacol. Exp. Ther.*, 22 (2), Jul, 503-526.
20. **Comparative functional antagonistic potencies of tamsulosin and terazosin at alpha 1 adrenoceptors *in-vitro* (2005).** Omar AG; Sharabi FM; Daabees TT; El-mallah A.I. and El-yazbi AF. *J. Eg. Soc. Pharma. Exp. Ther.*, 26(2): 569-588.
21. **A Novel COX-2 Inhibitor Pyrazole Derivative Proven Effective as an Anti-Inflammatory and Analgesic Drug ( 2011) .** Mahmoud M. Mohy El-Din; Amira M. Senbel; Azza A. Bistawroos; Ahmed El-Mallah and Nour A. Nour . *Basic & clinical Pharmacology & Toxicology*, 108(4) 263-273.
22. **A once-a-day dosage form for the delivery of insulin through the nasal route: *in vitro* assessment and *in vivo* evaluation (2013).** Nazar H, Caliceti, P., Carpenter, B., El-Mallah, A., Fatouros, D., Roldo, D., van der Merwe, S., Tsibouklis. A. *Biomater. Sci.*, 2013,1, 306-314
23. **Blockade of endothelin ETA, but not thromboxane, receptors offsets the cyclosporine-evoked hypertension and interrelated baroreflex and vascular dysfunctions ( 2014).** Suzanne A. Nasser, Ahmed I. Elmallah, Ramzi Sabra, Mohamed M. Khedr, Mahmoud M. Mohy El-Din, Mahmoud M. El-Mas; *European Journal of Pharmacology* 727 (2014)52–59.
24. **Synthesis of some new amide-linked bipyrazoles and their evaluation as anti-inflammatory and analgesic agents (2015).** Wissam H. Faoura, Mohamed Mroueh, Costantine F. Daher, Rasha Y. Elbayaad, Hanan M. Ragab, Asser I.

- Ghoneim, Ahmed I. El-mallah & Hayam M. A. Ashour. *Journal of Enzyme Inhibition and Medicinal Chemistry*, Published online: 20 Oct 2015.
25. **Evaluation of anti-inflammatory, analgesic activities, and side effects of some pyrazole derivatives (2016).** Domiati S, El-Mallah A, Ghoneim A, Bekhit A, El Razik HA. *Inflammopharmacology*. 2016 Aug; 24(4):163-72. doi: 10.1007/s10787-016-0270-7.
  26. **Elucidation of the mechanism of atorvastatin-induced myopathy in a rat model (2016).** El-Ganainy SO, El-Mallah A, Abdallah D, Khattab MM, Mohy El-Din MM, El-Khatib AS. *Toxicology*, Jun 1;359-360:29-38.
  27. **Facilitation by the renin-angiotensin system of cyclosporine-evoked hypertension in rats: Role of arterial baroreflexes and vasoreactivity (2016).** Suzanne A. Nasser , Ramzi Sabra , Ahmed I. Elmallah , Mahmoud M. Mohy El-Din , Mohamed M. Khedr , Mahmoud M. El-M. *Life Sciences*, 163, 1–10. <http://dx.doi.org/10.1016/j.lfs.2016.08.024> 0024-3205
  28. **Efficacy and Safety of Angiotensin-Based Pharmacotherapy versus Conventional Therapy for the Management of Isolated Systolic Hypertension: A Meta-Analysis of Randomized Controlled Trials (2016).** Ghoneim AI, El-Mallah AI, El-Lakany AM (2016). *Int J Clin Pharmacol Toxicol*. 5(7), 231-239.
  29. **Do statins really cause diabetes? A meta-analysis of major randomized controlled clinical trials (2016).** Rahal AJ, ElMallah AI, Poushaju RJ, Itani R.. *Saudi Med J*. Oct;37(10):1051-60. doi: 10.15537/smj.2016.10.16078.
  30. **Comparative Study of the Myopathic Effects of Atorvastatin and Rosuvastatin in Rats (2016).** Samar O. El-Ganainy; Ahmed El-Mallah; Dina Abdallah; Mahmoud M. Khattab; Mahmoud M. Mohy El-Din; Aiman S. El-Khatib. *Toxicology letters*. November 2016
  31. **Designing A Feasible Method To Predict Vancomycin Trough Levels In Pediatric Population Using Patient's Parameters (2016).** Ghada Elba, Ahmed El Mallah, Rana Itani, Nabila Droubi. *Int. Res. J. Pharm.*, 7 (11)
  32. **Evaluation of Analgesic Activity of Papaver libanoticum Extract in Mice: Involvement of Opioids Receptors (2017).** Mohamad Ali Hijazi, Ahmed El-

Mallah, Maha Aboul-Ela, and Abdalla Ellakany. Evidence-Based Complementary and Alternative Medicine, Volume 2017, ID 8935085.

33. **Investigation of chronic efficacy and safety profile of two potential anti-inflammatory bipyrazole-based compounds in experimental animals (2018).** Domiati S, Mehanna M, Ragab H, Nakkash Chmaisse H, El Mallah A. J Inflamm Res. 3;11:143-153.
34. **Antinociceptive effect of tadalafil in various pain models: Involvement of opioid receptors and nitric oxide cyclic GMP pathway (2018).** MM Mehanna, S Domiati, HN Chmaisse, A El Mallah, Toxicology and applied pharmacology 352, 170-175
35. **Elucidation of the molecular mechanism underlying the anti-inflammatory activity of an effective and safe bipyrazole-based compound (2019).** S Domiati, M Mehanna, H Ragab, KHA El Galil, H Nakkash-Chmaisse, ElMallah,A.I; Inflammation Research, 1-8.
36. **A novel investigation of statins myotoxic mechanism: effect of atorvastatin on respiratory muscles in hypoxic environment (2019).** SO El-Ganainy, A El-Mallah, D Abdallah, MM Khattab, AS El-Khatib; Toxicology letters 305, 58-64
37. **Telmisartan and captopril ameliorate pregabalin-induced heart failure in rats (2019).** Awwad ZM, El-Ganainy SO, ElMallah AI, Khattab MM4, El-Khatib AS. Toxicology. Dec 1.
38. **Assessment of Pregabalin-Induced Cardiotoxicity in Rats: Mechanistic Role of Angiotensin 1-7 (2019).** Awwad ZM, El-Ganainy SO, ElMallah AI, Khedr SM, Khattab MM, El-Khatib AS. Cardiovasc Toxicol. Nov 12.
39. **Analgesia additive interaction between tadalafil and morphine in an experimental animal model (2020).** Mehanna M, S Domiati S, Nakkash Chmaisse H, El Mallah A. Canadian Journal of Physiology and Pharmacology 98 (11), 771-776

## Abstracts

- 1- **Dissociation of the depolarization and the concomitant neuromuscular blockade induced by decamethonium and carbachol: A study of the**



- mechanism of action on the chick biventer muscle. (1991).** Mahmoud M. Mohy El-Din and Ahmed I. ElMallah, Second Anglo-Egyptian Conference of Pharmaceutical sciences, Alexandria, Egypt. November 1991.
- 2- **Tacrine Induced Contraction of the Guinea Pig Ileum: Effect of Antimuscarinic Drugs and Prostagalndins Synthesis Inhibitors (1995).** Ahmed I. Elmallah and Mahmoud M. Mohy El-Din, International Conference of Pharmaceutical Sciences and Tecnology, Alexandria, Egypt. March.
  - 3- **Selective Blockade of nicotinic receptors by some NSAIDs in the Guinea pig ileum (1998).** A.I. ElMallah. XXVI Conference of Pharmaceutical Sciences; Cairo (8-10 December ) P.126.
  - 4- **Study of the effects of cypermethrin on lipid peroxidation and some antioxidant defense mechanisms in rats (1999).** Ghazal A.; Daabees T.; Evan I.S.; ElMallah A.; and Neveen A. 15<sup>th</sup> Annual Conference for The Egyptian Society of Toxicology, Alexandria, Egypt, 6-7 October.
  - 5- **Diclofenac Sodium Modulates Neuromuscular Transmission in the Rat Phrenic-Nerve Diaphragm (2002).** Ahmed I. ElMallah and Evan I. Saad. Arab Union of Pharmacology (AUPHAR), Fez, 5-9, September.
  - 6- **Antitumor Activity Of Leflunomide In DMBA-Induced Rat Mammary Tumors (2010);** R. E. Remonda, W. Maged, A. I. ElMallah, and I. S. Saad. Recent advances in pharmaceutical research and technology; May 6-7 2010.
  - 7- **Antitumor Activity Of Celecoxib And Leflunomide On DMBA-Induced Rat Mammary Tumors : Inhibition Of HER-2 Expression (2010);** S. S. Ismail, M. Wasfi, A. I. ElMallah, R. E. Risk, and M.Shetaa; Recent advances in pharmaceutical research and technology; Beirut, Lebanon, May 6-7 2010.
  - 8- **Comparative Study Of Amoxicillin/Clavulanic Acid (Augmentin®) With Other Generics In The Lebanese Market: An Analytical And Microbiological Approach (2010);** M. A.Fawzi, M. Mahrous, A. I. Mallah, L. Soubra and A. Zakaria, Recent advances in pharmaceutical research and technology; Beirut, Lebanon, May 6-7 2010.
  - 9- **Growth inhibition of DMBA-induced rat mammary tumors by Rosiglitazone and Curcumin alone or in combination (2010);** ElMallah, I. Ahmed. ; Wasfi, Maged. ; Rizk, E. Remonda. ; Ismail, S. Saad. and Ghonein,

- Hossam. Recent advances in pharmaceutical research and technology; Beirut, Lebanon, May 6-7 2010.
- 10- **Actions And Interactions Of Sildenafil On Neuromuscular Transmission In Experimental Animals (2010)**; A. I. ElMallah, M. M. Mohy ElDin, and S. N. Zouhairi; Recent advances in pharmaceutical research and technology; May 6-7 2010.
  - 11- **Effect Of Concomitant Administration Of Proton Pump Inhibitors And Benzodiazepines On The Duration Of Mechanical Ventilation In Intensive Care Unit Setting (2010)**; M. M. Itani, A. I. ElMallah, S. A. Domiati, and R. H. Itani; Recent advances in pharmaceutical research and technology; Beirut, Lebanon, May 6-7 2010.
  - 12- **Novel Selective COX-2 inhibitors Pyrazole Derivative Proven Effective as Anti-inflammatory and Analgesic Drug (2010)**; Senbel AM, Mohy El\_Din MM, Bistawros, AA, El-Mallah A, Nour E-Din NA, Bekheit AA and Abdel Razek HA; the Egyptian Society of Pharmacology & Experimental Therapeutics (ESPET), Cairo Egypt, 16 - 17 March.
  - 13- **Endothelin ETA Receptor-Mediated Nitric Oxide Synthase Inhibition Underlies The Impairment Of Cholinergic Vasorelaxations Caused By Cyclosporine ( 2013)**. Suzanne A Nasser, Ahmed I Elmallah, Ramzi Sabra, Mohamed M Khedr, Mahmoud M Mohy El-Din, Mahmoud M El-Mas. Submitted to Experimental Biology Conference, Boston, USA, April 20-24.
  - 14- **On The Mechanism Of The Cyclosporine-Evoked Facilitation Of The Vasoconstrictor Activity Of Angiotensin II In The Rat Aorta (2013)**. Suzanne A Nasser, Ahmed I Elmallah, Ramzi Sabra, Mohamed M Khedr, Mahmoud M Mohy El-Din, Mahmoud M El-Mas. Submitted to Experimental Biology Conference, Boston, USA, April 20-24.
  - 15- **Hypertension prevalence, awareness, and treatment in a sample of Lebanese population: a prospective study (2014)**. Mariam Houry; Ahmed ElMallah, Souraya Domiati. ASHP 2014 Midyear Clinical Meeting Professional Poster Abstract 6-037, Page 399.

- 16- **Synthesis of some new amide-linked bipyrazoles and their evaluation as antiinflammatory and analgesic agents (2014).** Wissam H. Faour, Mohamed Mroueh, Costatantine F. Daher, Rasha Y. Elbayaa, Hanan M. Ragab, Asser I. Ghoneim, Ahmed I. El-mallah g and Hayam M. A. Ashour. the 3-rd International. Conference of Organic Chemistry (ICOC-2014) "Organic Synthesis - Driving Force of Life Development", September 25-28, 2014, Tbilisi, Georgia.
- 17-**Assessment of the Role of the Pharmacist in Counseling Patients Complaining of Heartburn: A Community Based Study in Lebanon (2015).** Rawan Ismail, Ahmed ElMallah, Amal Galal, Rita Poushuji. First international conference on advances in pharmaceutical sciences ( ICAPS), PT O75, 27-29/10/2015. Pharos University in Alexandria, Egypt.
- 18- **Aspirin for Primary Prevention of Myocardial Infarction and Ischemic Stroke: a Cross Sectional Study to Assess Compliance to Guidelines. (2015).** Walid Maasarani, Ahmed ElMallah, Amal Galal1, Souraya Domiati. First international conference on advances in pharmaceutical sciences (ICAPS), PT P97, 27-29/10/2015. Pharos University in Alexandria, Egypt.
- 19-**Angiotensin-Based Pharmacotherapy for Isolated Systolic Hypertension: A Meta-Analysis of Randomized Controlled Trials. (2015).** Asser I. Ghoneim, Ahmed I. ElMallah, Abdalla M. El-Lakany. First international conference on advances in pharmaceutical sciences ( ICAPS), PT O76, 27-29/10/2015. Pharos University in Alexandria, Egypt.
- 20-**Assessment of the Eligible Use of New Oral Anticoagulants versus Acenocoumarol in a Sample of Lebanese Patients: A Retrospective Study.** Mira Abou Dargham, Ahmed ElMallah, Amal Galal1, Samer Kabbani, Dubai International Pharmaceutical & Technologies Conference & Exhibition (DUPHAT) 15-17 March 2016, Dubai
- 21-**Designing a Feasible Method to Predict Vancomycin Trough Levels in Paediatric Population Using Patients' Parameters.** Elba, Ghada; El Mallah, Ahmed; Itani, Rana; Droubi, Nabila, Dubai International Pharmaceutical & Technologies Conference & Exhibition (DUPHAT) 15-17 March 2016, Dubai
- 22-**Evaluation of anti-inflammatory and analgesic activities of some newly synthesized pyrazole derivatives.** Souraya Domiati, Ahmed El-Mallah, Asser

Ghoneim, Adnan Bekhit and Heba Abd El Razik. International Pharmacy Conference, July 14-15, 2016 Philadelphia, USA.

**23-A Novel Patented Topical Ointment of Low Concentration Clobetasol with Herbal Ingredients Proven highly Effective for Treatment of Plaque Psoriasis (2019).** ElMallah A.I., The fifth Abu Dhabi International Conference of Dermatology & Aesthetics. 12-14 september, Abu Dhabi.

#### **Patents:**

**1- Topical application of Curcumin or Curcumin plus Capsaicin for peripheral neuropathy (2002).** Ahmed Ibrahim Mohamed ElMallah; Hanaa Abdel Latif Mahmoud Selim; Mohamed Ibrahim ahmed Ibrahim; Sanaa Saied Hafez Gazareen Egyptian Patent Office . Patent No. 23547.

#### **List of supervision of theses of Pharm D, Master or Doctor of Philosophy**

**1- Effect of some pesticides on neuromuscular transmission. (PhD)**

- Candidate: Ibrahim ElAsmawy, Faculty of Veterinary Medicine. Alexandria University (1992)

**2- Effect of some diuretics on in vivo- and in vitro-induced asthma. (PhD)**

- Candidate: Mohamed ElSakkar. Faculty of Medicine, Alexandria University. (1994)

**3- Dopaminergic modulation of adrenergic transmission in rats (MS)**

- Candidate: Amal Galal Omar, Faculty of Pharmacy, Alexandria University (1995)

**4- Study of the effect of some cytokine modulators on the hepatic fibrosis induced by thiocetamide in rats. (PhD)**

- Candidate: Azza Mohamed Baraka, Faculty of medicine. Alexandria University, (1998)

**5- Study of some biochemical and neuromuscular effects of pyrethroid insecticides. (PhD)**

- Candidate: Niveen Abdel Elraaouf EkNozahy, Faculty of Pharmacy, Alexandria University. (1998)
- 6- Evaluation of the Anti-carcinogenic Action of Drugs With Possible Novel Targets For Treatment of treatment of Experimnetally induced Breast Cancer In Rats. (PhD)**
- Candidate: Maged Wasfy Helmy, Faculty of Pharmacy, Alexandria University. (2009)
- 7- Study of The Antiinflammatory and Analgesic Profiles of Some Newly Synthesized Pyrazole Derivatives. ( MS)**
- Candidate: Nour Mohamed Adel Nour El-Din, Faculty of Pharmacy, Alexandria Universty (2009)
- 8- Comparative Study of Amlodipine Besylate ( Amlor) with Other Generics in Lebanese Market: An Analytical Approach. ( Pharm D)**
- Candidate: Ali Zouhair Kanj, Faculty of Pharmacy, BAU (2010)
- 9- Effect of Concomitant Administration of Benzodiazepines and Proton Pump Inhibitors on the Duration of Mechanical Ventilation in the Intesive Care Setting. (Pharm D)**
- Candidate: Rana Hussein Itani, Faculty of Pharmacy, BAU (2010)
- 10-Evaluation and Treatment of Febrile Neutropenia: A Retrospective Study. (PharmD)**
- Candidate: Rim Arshad Nadiri, Faculty of Pharmacy, BAU (2010)
- 11- Chemical Adulteration of Some Food Supplements for Obesity Available in Lebanese Market. (Pharm D)**
- Candidate: Sarah Jamal Zaher, Faculty of Pharmacy, BAU (2010)
- 12- Broad Spectrum Antibiotic Between Prophylactic and Empiric Use. (Pharm D)**
- Candidate: Marwa Nazih Shakik, Faculty of Pharmacy, BAU (2010)
- 13- Restricted Antibiotic Use: A Retrospective Study. (Pharm D)**
- Candidate: Rima abed el khalek, Faculty of Pharmacy, BAU (2011)
- 14-Eye Drops Contamination. (Pharm D)**
- Candidate: Rayan Saad, Faculty of Pharmacy, BAU (2011)

**15-Drug Recall: Analysis and Evaluation. (Pharm D)**

- Candidate: Riham el Natout, Faculty of Pharmacy, BAU (2011)

**16-ADR Reporting: A Questionnaire Based Study. ( Pharm D)**

- Candidate: Hala Hussein, Faculty of Pharmacy, BAU (2011)

**17- Actions and Interactions of Beta Lactam Antibiotics and Phosphodiesterase 5 Inhibitors on Neuromuscular Transmission in Experimental Animals ( MS)**

- Candidate: Sarah Nabil Zouhairy, Faculty of Pharmacy, BAU (2012)

**18-Potassium Imbalance in Relation to Clinical Condition and Drug Therapy: A Retrospective Study. ( Pharm D)**

- Candidate: Sawsan Hussein Alawieh, Faculty of Pharmacy, BAU (2012)

**19-A Retrospective Study to Evaluate the Diagnosis, Management and Short Term Outcomes of Acute Coronary Syndrome Patients. (Pharm D)**

- Candidate: Sarah Nabil Zouhairy, Faculty of Pharmacy, BAU (2012)

**20-Assessment of Clopidogrel Administration in Cardiac Care Setting: A Retrospective Study. ( Pharm D)**

- Candidate: Abdel Al Raouf Assi Assi, Faculty of Pharmacy, BAU (2012)

**21-Contamination Of Intensive Care Unit Environment With Nosocomial Bacteria: A Meta-Analysis. (Pharm D)**

- Candidate: Dania Issam Abdalla, Faculty of Pharmacy, BAU (2012)

**22-Candidemia Incidence, Risk Factors and Outcomes at a University Hospital in Beirut. (Pharm D)**

- Candidate: Sarah Ahmad Al-Masri, Faculty of Pharmacy, BAU (2012)

**23- Hypertension Prevalence, Awareness, and Treatment in a Sample of Lebanese Population: A Prospective Study. (Pharm D)**

- Candidate: Mariam Mohamaed Hour, Faculty of Pharmacy, BAU (2013)

**24-Assessment of Various Treatment Modalities for Management of Gestational Diabetes Mellitus: A Meta-analysis. (Pharm D)**

- Candidate: Yamama Ali Hmade, Faculty of Pharmacy, BAU (2013)

**25-Assessment of Lipid Profile in Diabetic Patients: A Retrospective Study. (Pharm D)**

- Candidate: Fatima Hussein Fneish, Faculty of Pharmacy, BAU (2013)
- 26-Patterns of Use of Herbal Medicine: A Survey Based Study fro Lebanese Pharmacies. (Pharm D)**
- Candidate: Abdullah Kanso, Faculty of Pharmacy, BAU (2013)
- 27-Assessment of the Importance of Non-HDL Goal Attainment Compared to LDL Goal Attainment: Retrospective study in a Sample of Lebanese Patients with Cardiovascular Disease. (Pharm D)**
- Candidate: Mohamad Al Maarawi, Faculty of Pharmacy, BAU (2013)
- 28-Enterococcus Faecalis Endocarditis: A Meta-analysis of Case Reports and Clinical Trials. (Pharm D)**
- Candidate: Ahmad Tabbarah, Faculty of Pharmacy, BAU (2013)
- 29-Assessment of Medication Dosage Error in Patients with Renal Impairment: A Retrospective Study. (Pharm D)**
- Candidate: Yusra Al Baba, Faculty of Pharmacy, BAU (2013)
- 30- Screening and Evaluation of Some Newly Synthesized Pyrazole Derivatives for Antiinflammatory and Analgesic Activity. ( MS)**
- Candidate: Souraya Domiati, Faculty of Pharmacy, BAU (2013)
- 31-Study of Hemodynamic Effects of Gabapentin in Experimental Animals. ( MS)**
- Candidate: Safaa Hammoud, Faculty of Pharmacy, BAU (2013).
- 32- Incidence and Assessment of Prescribing Drugs Out of the NSSF list: A Community Pharmacy –Based Survey in Lebanon. (Pharm D)**
- Candidate: Suha Al Hafi, Faculty of Pharmacy, BAU (2013)
- 33-The Pattern of Use and the Impact of Selected Cardiovascular Medication on Glucose Level in Diabetic and Non-Diabetic Patients. (Pharm D)**
- Candidate: Jida Al Mulki, Faculty of Pharmacy, BAU (2013)
- 34-Patterns of iron deficiency in pregnant women. Treatment modalities and outcome. (Pharm D)**
- Candidate: Hiba Rahhal, Faculty of Pharmacy, BAU (2013)
- 35- Assessment of the Role of the Pharmacist in Counseling Patients Complaining of Heartburn: A Community Based Study in Lebanon (2015).**
- Candidate: Rawan Ismail , Faculty of Pharmacy, BAU (2015)
- 36-Aspirin for Primary Prevention of Myocardial Infarction and Ischemic Stroke: a Cross Sectional Study to Assess Compliance to Guidelines. (2015).**
- Candidate: Walid Maasarani, Faculty of Pharmacy, BAU (2015).
- 37- Angiotensin-Based Pharmacotherapy for Isolated Systolic Hypertension: A Meta-Analysis of Randomized Controlled Trials. (2015).**
- Candidate: Asser I. Ghoneim, Faculty of Pharmacy, BAU (2015).

**38- Assessment of Osteoporosis relevant factors using Bone Mass Densitometry scan in a sample of Lebanese population: A questionnaire based study**

- Candidate: Sara Gouda, Faculty of Pharmacy, BAU (2015)

**39- Assessment of the Eligible Use of New Oral Anticoagulants versus Acenocoumarol in a Sample of Lebanese Patients: a Retrospective Study**

- Candidate: Mira Abou Dargham, Faculty of Pharmacy, BAU (2015).

**List of scientific and applied activities.**

***1- Sharing and Attendance of national and international conferences***

- a. The XVI Conference of Pharmaceutical Sciences, Cairo Egypt, 1997
- b. The XV Conference of Egyptian Society of Toxicology, Alexandria Egypt, 1999
- c. The Pan Arab Congress of Pharmacology, (IUPHAR), FEZ, Morocco, 2002.
- d. Advances in pharmaceutical research and technology; Beirut, Lebanon, May 6-7 2010.
- e. Attending the 16<sup>th</sup> International Scientific conference , Beirut Lebanon, 13-15 Novenber, 2009.
- f. Attending the 44<sup>th</sup> Middle East Medical Assembly ( MEMA), Beirut Lebanon, 5-8 may, 2011.
- g. Attending the 14<sup>th</sup> Congress of the Lebanese Society for Infectious |Diseases & Clinical Microbiology. 14-16 Feb. 2013, Phoenicia Hotel, Beirut , Lebanon.

2- Supervision of the computer center in the department of pharmacology, Faculty of Pharmacy, Alexandria University.

3- Sharing in postgraduate teaching for pharmacists at Alexandria Pharmaceutical Company.

4- A postdoctoral visit as research associate at Faculty of medicine, North Carolina University. USA (2001).



- 5- Sharing in teaching Pharmacology, Toxicology, Biological assays and statistics for undergraduate students, Faculty of Pharmacy, Alexandria University
- 6- Sharing in teaching Pharmacology, Toxicology, Biological assays and statistics for postgraduate students, Faculty of Pharmacy, Alexandria University
- 7- Supervision of the Pharmacy students training in summer, Faculty of Pharmacy, Alexandria University.
- 8- Sharing in teaching Pharmacology & Therapeutics at Faculty of Pharmacy, Bairut Arab University, Beirut, Lebanon
- 9- Postgraduate ( Master and PhD degrees) advanced courses in Pharmacology, Toxicology and Screening of Drugs. Faculty of Pharmacy, BAU, Beirut, Lebanon.
- 10-Application of a patency (No. 2002/11/1270, and PCT No. PCT/EG/2003/000011) about the use and the preparation of a novel topical preparation of curcumin in peripheral diabetic neuropathy.
- 11-Supervision of a number of Pharm D, Master and Doctor of Philosophy theses for postgraduate students at the faculty of Pharmacy and Faculty of Medicine, Alexandria university and Faculty of Pharmacy, BAU, Beirut, Lebanon and Pharos University in Alexandria.
- 12-Consultant and supervisor of the research and development unit of Emitco Pharmaceuticals, Alexandria Egypt.
- 13-Sharing and implementing the degree of Pharm D Program at the faculty of Pharmacy. BAU ( 2009).
- 14-Sharing in designing and scripting the syllabus of the Faculty of Pharmacy, Pharos University in Alexandria, for undergraduate program (2016)