



CURRICULUM VITAE

Name: Amira Mourad Hussein Abo-Youssef

Nationality: Egyptian **Date of Birth:** July 1, 1973.

Current Position: Lecturer of Pharmacology and Toxicology, Faculty of Pharmacy, Beni-Suef University, Beni-Suef, Egypt.

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Educational History

- **Doctor of Philosophy in Pharmaceutical Sciences (Pharmacology and Toxicology)** Faculty of Pharmacy, Cairo University, March 2009.
- **Master of Pharmaceutical Sciences (Pharmacology and Toxicology)** Faculty of Pharmacy, Cairo University, August 2004.
- **Bachelor of Pharmaceutical sciences,** Faculty of Pharmacy, Cairo University, May 1996.

Occupational Background:

- Lecturer of Pharmacology and Toxicology, Faculty of Pharmacy, Beni-Suef University, Egypt. (since 2009).
- Assistant Lecturer of Pharmacology and Toxicology, - Faculty of Pharmacy, Beni-Suef University, Egypt. (2004-2009).
- Demonstrator of Pharmacology and Toxicology, Faculty of Pharmacy, Cairo University, Beni-Suef branch, Egypt. (1997-2004).

Research Interest:

- Diabetes Mellitus and Metabolic syndrome
- Behavioral Pharmacology (Alzheimer – depression -anxiety)
- Lung diseases
- Liver diseases
- Studying pharmacological actions of natural products
- Nanotechnology

Publications:

1- Publications from master and PHD thesis:

- 1. Soheir M. El Zalabani, Mona H. Hetta, Samir A. Ross, Amira M. Abo-Youssef, Mohamed A. Zaki and Ahmed S. Ismail. Antihyperglycemic and antioxidant activities and chemical composition of *Conyza Dioscoridis* (L.) Desf. DC. growing in Egypt. *Australian Journal of Basic and Applied Sciences*. 2012; 6(10): 257-265.**
- 2. M.R. Nasry, A.M. Abo-Youssef, H.A. Abd El-Latif. Anti-diabetic activity of the petroleum ether extract of Guar gum in streptozotocin-induced diabetic rats: A comparative study. *Beni-Suef University Journal of Basic and Applied Sciences*. 2013; 2 (1) :51-59.**
- 3. Hany A. Mehany, Amira M. Abo-Youssef, Lamiaa A. Ahmed, El-Shaimaa A. Arafa, Hekma A. Abd El-Latif . Protective effect of vitamin E and atorvastatin against potassium dichromate-induced nephrotoxicity in rats. *Beni-Suef University Journal of Basic and Applied Sciences*. 2013; 2 (2): 96-102.**
- 4. Mai A. Elhemely, Hany A. Omar, Afaf A. Ain-Shoka, Hekma A. Abd El-Latif, Amira M. Abo-Youssef, Gamal A. El Sherbiny. Rosuvastatin and ellagic acid protect against isoproterenol-induced myocardial infarction in hyperlipidemic rats. *Beni-Suef University Journal of Basic and Applied Sciences*. 2014; 3(4): 239-246.**
- 5. Fares EM Ali, Amira M Abo-Youssef, Basim AS Messiha and Ramadan AM Hameda. Protective effects of quercetin and ursodeoxycholic acid on hepatic ischemia-reperfusion injury in rats. *Clinical Pharmacology & Biopharmaceutics*. 2014; 4:1-7.**
- 6. Ehab A.M. EL-Shoura, Basim A.S. Messiha, Amira M. Abo-Youssef, Ramadan A.M. Hemeida. Modulatory effect of lovastatin on therapeutic efficiency of conventional antidiabetics on pancreatic and cardiovascular complications of diabetes. *UK Journal of Pharmaceutical and Biosciences*. 2015; 3(1), 01-11.**

7. Emad H.M. Hassanein, Amira M. Abo-Youssef, Basim A.S. Messiha, Ramadan A.M.Hemeida. Protective effects of montelukast and l-carnitine on cyclophosphamide-induced lung injury. *UK Journal of Pharmaceutical and Biosciences*.2015; 3 (1):30-36.
8. Mustafa A. Abd Ellraheim, Amira M. Abo-Youssef, Hany A. Omar, Hekma A. Abd El-Latif. Angiotensin inhibitors potentiate the hypoglycemic and antioxidant effects of gliclazide in rats. *International Journal of Pharmaceutical Sciences Review and Research*. 2015; 31(1): 75-80.
9. Souty M. ShŠarkawi, Amira M. Abo-Youssef, Basim A.S. Messiha, Ali A. Abo-Saif. Effect of ethanol consumption on colon of normal rats as well as rats with experimentally-induced ulcerative colitis. *International Journal of Advanced Research*.2015; 3 (4):174-185.
10. W.A.E.-S.I. Khallaf, B.A.S. Messiha, Amira M.Abo - Youssef, N.S.E.-D. El-Sayed. Effect of tempol on lipopolysaccharide induce amyloidogenesis , neuroinflammation. *International Journal of Pharmaceutical Sciences Review and Research*. 2015;33(2):145-148.
11. Magy R. Nasry, Amira M. AboYoussef , Hala F. Zaki, Ezz ElDin S. El Denshary. Effect of caffeic acid and pioglitazone in an experimental model of metabolic syndrome. *International Journal of Scientific and Research Publications*.2015; 5 (10):1-10.
12. Mohamed A Hamzawy, Amira M Abo-Youssef, Heba F Salem,Sameh Mohamed. An additional risk of lung cancer from recurrent exposure to ethyl carbamate (EC) in balb/c mice.*Cancer Science & Therapy*.2015 ;7:359-362.
13. Mohammed Ragab Abdel-Aziz Al, Amira Mourad Hussein Abo-Youssef, Basim Anwar Shehata Messiha, Mahmoud Mohamed Khatlab. Tempol and perindopril protect against lipopolysaccharide induced cognition impairment and amyloidogenesis by modulating brain-derived neurotropic factor, neuroinflammation and oxido-nitrosative stress. *Naunyn-Schmiedeberg's Archives of Pharmacology*. 2016; 389:637-656.

14. Mostafa Assem Mostafa Darwish, Amira M. Abo-Youssef, Marwa M. Khalaf, Ali Ahmed Abo-Saif, Ibrahim G. Saleh, Tamer M. Abdelghany. Vitamin E mitigates cisplatin-induced nephrotoxicity due to reversal of oxidative/nitrosative stress, suppression of inflammation and reduction of total renal platinum accumulation. *Journal of Biochemical and Molecular Toxicology*. 2016; a head of print. DOI: 10.1002/jbt.21833.
15. Ali H El-Bahrawy; Abdelmetalab Tarhuni; Hogyoun Kim; Venkat Subramaniam; Ilyes Benslimane; Zakaria Y. Abd Elmajeed ; Samuel Okpechi; Mohamed Ghonim; Ramadan A. M. Hemeida; Amira M. Abo-youssef; Gamal A. El-Sherbiny; Ihab T Abdel-Raheem; Jong Kim; Amarjit S. Naura; A. Hamid Boulares. ApoE deficiency promotes colon inflammation and enhances inflammatory potential oxidized-LDL and TNF- α in colon epithelial cells. *Bioscience Reports*. 2016; a head of print. DOI: 10.1042/BSR20160195.
16. Hassan, Hesham; Mansour, Ahmed; Abo-Youssef, Amira; Elsadek, Bakheet; Messiha, Basim. Zinc oxide nanoparticles as a novel anticancer approach; in vitro and in vivo evidences. *Clinical and Experimental Pharmacology and Physiology*. 2016; a head of print. DOI: 10.1111/1440-1681.12681.
17. Mohamed A Hamzawy, Amira M Abo-youssef, Heba F Salem, Sameh Mohamed. Preparation and potential therapeutic application of intratracheal inhalation of temozolomide (TMZ) loaded into gold nanoparticles and/ Or liposomes against urethane induced lung cancer in BALB/c mice. *Drug Delivery*. 2016; a head of print.
18. Samar M. Hassan, Marwa M. Khalaf , Sawsan A. Sadek, Amira M. Abo-Youssef. Protective effects of apigenin and myricetin against cisplatin-induced nephrotoxicity in mice. *Pharmaceutical Biology*. 2017; 55:766-774.

2- Publications single or equal contribution:

1. Nagwa M. Abdel Gawad and Amira M. Abo -Youssef. Synthesis of some new oxindole derivatives as potential antipsychotic and anticonvulsant agents. *International Journal of Pharmacy and Pharmaceutical Sciences*. 2011; 3 Suppl 3: 213-219.
2. R. Mohammed, S.S. El-Hawary, A.M. Abo-Youssef. Biological investigation of some wild Aizoaceae and Chenopodiaceae species growing in Egypt. *Journal of Natural Products*. 2012;5: 193-206.
3. Amira M. Abo-Youssef , Rabab Mohamed. Effects of Brassica Rapa on fructose-induced metabolic syndrome in rats: A comparative study. *International Journal of Pharmaceutical Sciences Review and Research*. 2013; 21(1):1-5.
4. Amira Mourad Hussein Abo-Youssef, Basim Anwar Shehata Messiha. Beneficial effects of Aloe Vera in treatment of diabetes: Comparative in vivo and in vitro studies. *Bulletin of Faculty of Pharmacy, Cairo University*. 2013; 51 (1):7-112.
5. Messiha BA, Abo-Youssef AM. Protective effects of fish oil, allopurinol, and verapamil on hepatic ischemia-reperfusion injury in rats. *Journal of Natural Science, Biology and Medicine*. 2015;6(2):351-355.
6. Amira M. Abo- Youssef . Protective effect of rosiglitazone, quercetin and their combination on fructose- induced metabolic syndrome in rats. *Indian Journal of pharmacology*. 2015; 47:620-626.
7. Amira M. Abo-Youssef. Possible antidepressant effects of vanillin against experimentally induced chronic mild stress in rats. *Beni-Suef University Journal of Basic and Applied Sciences*. 2016;5 (2):187-192.
8. Asmaa Owis, Amira M. Abo-Youssef, Ahmed Osman. Protective effect of *Cordia boissieri* A. DC. (Boraginaceae) on metabolic syndrome. *Journal of Applied Pharmaceutical Science*. 2016; 6 (8): 83-89.

9. Asmaa I. Owis, Amira M. Abo-Youssef, Ahmed H. Osman. Leaves of *Cordia boissieri* A. DC., as a Potential Source of Bioactive Secondary Metabolites for Protection against Metabolic Syndrome-Induced in Rats. *Zeitschrift für Naturforschung C (ZNC)*. 2016; a head of print. DOI: 10.1515/znc-2016-0073.

Projects

1-" Study of the possible protective effects of rosuvastatin and ellagic acid on myocardial infarction"

Hany A Omar, Amira M. Abo-youssef, Mai Abd-Allah Mohammed

Project Funded by Scientific Research Developing Unit, Beni Suef University.

2- "Medicinal Plants as enormous resources for important bioactive secondary metabolites"

Asmaa Owis, Amira M.Abo-Youssef

Project funded by Scientific Research Developing Unit, Beni Suef University.

Conferences Participation

- Poster presented at 52nd Annual Scientific Conference -The Egyptian Society of Pharmacology and Experimental Therapeutics.10th March 2012.
Anti-diabetic activity of Guar-gum in streptozotocin induced diabetic rats.
Magy R Nasry, Amira M.Abo-Youssef, Hekma A. Abd el Latif
- Poster presented at: The 50th Congress of the European Societies of Toxicology (EUROTOX) Edinburgh, United Kingdom, September 7-10, 2014.
Alternative animal model of urethane-induced lung cancer: A pilot study.
Sameh Mohamed A., Amira M. Abo-Youssef, Heba F. Salem, Mohamed A. Hamzawy
*The abstract was published in Toxicology Letters Journal (IF 3.262), 229S (2014) S40–S252.



- **Poster presented at the 7th European Exhibition of Creativity and Innovation – EUROINVENT, Iasi, Romania, May 14-16 2015.**
Temosome, a novel formula for treatment of lung cancer
Sameh Mohamed A., Amira M. Abo-Youssef, Heba F. Salem,
Mohamed A. Hamzawy.
- **Posters presented at: 1st International Conference On Health between Nutrition and Treatment. Faculty of Pharmacy Beni-Suef University Beni-Suef, EGYPT August 30-31, 2015:**
 - ✚ **Anti-ischemic, anti-inflammatory and anti-oxidant mechanisms of sildenafil and coenzyme Q10 against renal ischemia/reperfusion injury in rats.**
Amany Azooz , Amira M. Abo-youssef, Hany A. Omar,
Hekma A. Abd el Latif.
 - ✚ **Possible protective roles of tempol on oxidative stress in experimentally induced alzheimer's like in mice**
Mohamed Ragab , Amira M. Abo-Youssef, Bassim Messiha,
Mahmoud Khattab.

General certificates:

- **International Computer driving License (ICDL).**
- **National TOEFL PBT.**

Main managerial responsibilities:

- **Member of the Quality Assurance Unit Team, Faculty of Pharmacy, Beni-Suef University who prepared for getting CIQAP (2013).**
- **Lecturer in Faculty of Pharmacy and Faculty of Dentistry; Nahda University (NUB).**
- **Lecturer in Faculty of Pharmacy; El Arab Medical University, Libya**
- **Lecturer in Faculty of Pharmacy, 6th October University.**
- **Lecturer in Faculty of Pharmacy; Misr International University (MIU).**
- **Lecturer in Faculty of Pharmacy and Faculty of Nursing; Modern University of Technology and Information (MTI)**



Membership:

- Member in the Egyptian General Syndicate of Pharmacists
- Member in Beni-Suef Syndicate of Pharmacists.

Teaching Experience:

- Teaching and supervising the practical courses of Pharmacology and Toxicology for the undergraduate students (first, Third, fourth & fifth year) in Faculty of Pharmacy, Beni-Suef University general and clinical pharmacy programs.
- Oral examiner for undergraduate students in Faculty of pharmacy Beni-Suef University and in other public and private universities.
- Teaching and supervising in Pharmacology and Toxicology for the postgraduate students in Faculty of Pharmacy, Beni-Suef University.
- Supervising many of M.Sc. and Ph.D. students (Pharmacology and Toxicology).
- Working as academic advisor for clinical pharmacy program students (since 2009).
- Supervising the summer training of undergraduate students at Faculty of Pharmacy, Beni-Suef University.

Scientific Courses:

Under graduate students

- Medical terminology
- Pharmacology (I , II ,III)
- Biostatistics and Bioassay
- Toxicology
- First aid
- Clinical pharmacology
- Veterinary Pharmacology
- Drug therapy (I,II)
- Drug interactions
- Physiology

Premaster courses:

- Drug therapy
- Toxicometrics



- **Pharmacometrics**
- **Immunopharmacology**
- **Pathophysiology**

Amira Mourad Abo-Youssef