



**Damanhour University**  
**Faculty of Pharmacy**

جامعة دمنهور  
كلية الصيدلة



# **Curriculum Vitae**

**Maged Wasfy Helmy Wisa, Ph.D.**

**Assistant Professor of  
Pharmacology and Toxicology**

Department of Pharmacology and Toxicology  
Faculty of Pharmacy  
Damanhour University  
Egypt

2017



## **Maged Wasfy Helmy Wisa**

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### **Personal information:**

**Date of birth** : August 5<sup>th</sup>, 1975

**Nationality** : Egyptian

#### **Current positions:**

- Acting Vice Dean of Postgraduate Studies and Researches
- Assistant Professor of Pharmacology & Toxicology, Faculty of Pharmacy, Damanhour University, Egypt.
- Clinical Pharmacy Program Coordinator, Faculty of Pharmacy, Damanhour University, Egypt.

**Languages:** Fluent Arabic and English (written & spoken)

### **Education:**

- 1. Doctor of Philosophy in Pharmaceutical sciences (Pharmacology) Faculty of Pharmacy, Alexandria University, Egypt (October 2009), "Evaluation of the anti-carcinogenic actions of drugs with a possible novel targets for treatment of experimentally induced breast cancer in rats"**
- 2. Master Degree in Pharmaceutical sciences (Pharmacology) Faculty of Pharmacy, Alexandria University, Egypt (January 2005), "The Effect of Anastrozole and / or Celecoxib on 7, 12-dimethylbenzanthracene induced rat mammary tumors"**



**3. Bachelor degree of pharmaceutical sciences, Faculty of pharmacy, Alexandria University, Egypt (June 1997).**

### **Employment History & Positions held:**

#### **1. Faculty of Pharmacy, Damanhour University, Egypt (9/2014 to date)**

- Acting Vice Dean of Postgraduate Studies and Researches, since 27/7/2017 till now
- Assistant Professor of Pharmacology & Toxicology, since 30/9/2015 till now.
- Lecturer of Pharmacology, Department pharmacology & Toxicology, since 17/9/2014 till 29/9/2015.
- Clinical Pharmacy Program Coordinator, Faculty of Pharmacy, Damanhour University, Egypt, from 10/2014 till now.
- Member of Quality Assurance Unit, Faculty of Pharmacy, Damanhour University, Egypt, from 10/2014 till now.

#### **2. Faculty of Pharmacy & Drug Manufacturing, Pharos University in Alexandria (PUA), Egypt (2007-2014)**

- Lecturer of Pharmacology, Department pharmacology & Toxicology, from 26/10/2009 till 31/8/2014.
- Executive Manager of Quality Assurance Unit, Faculty of Pharmacy & Drug Manufacturing, PUA, from 5 / 2011 till 31/8/2014.
- Member of PUA Continuous Professional Development Team, PUA Educational Development Center, from 10 / 2012.
- Assistant Lecturer of Pharmacology, Department pharmacology & Toxicology, from 1/1/2007 – 25/11/ 2009

#### **3. Faculty of Pharmacy, October 6 University, Egypt (2000-2006)**

- Assistant Lecturer of Pharmacology, Department pharmacology & Toxicology, from 1 / 2005 – 8 / 2006.
- Demonstrator of Pharmacology, Department pharmacology & Toxicology, from 6/ 2000 – 1 / 2005

### **Teaching Experiences:**

#### **A. Damanhour University (2014-2017)**

**A.1.** Participation in teaching the following Undergraduate students' courses in the Department of Pharmacology and Toxicology, Faculty of Pharmacy, Damanhour University, Egypt including:

1. Pharmacology (3rd year students)
2. Biological Assay and Standardization & Biostatistics (4th year students)



3. Toxicology & First Aid (4th year students)
4. Biophysics (1st year students of clinical pharmacy program)

**A.2.** Teach Pharmacology course for 1st year students of Faculty of Nursing, Damanhour University, Egypt as a main lecturer and Course coordinator.

**A.3.** Teach Pharmacology related Postgraduate courses, Faculty of Pharmacy, Damanhour University, Egypt including:

1. Advanced topics in Pharmacology
2. Advanced topics in Toxicology
3. Immunopharmacology
4. Pharmacology of special populations
5. Pharmacotherapeutics I
6. Pharmacotherapeutics II
7. Pharmacotherapeutics III

**B. Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria (2007-2014)**

**B.1.** Participation in teaching the following Undergraduate students' courses in the Department of Pharmacology and Toxicology, Faculty of Pharmacy & Drug Manufacturing, Pharos University, Egypt as a lecturer (2009-2014):

1. Basic Pharmacology I (Junior students)
2. Basic Pharmacology II (Mid-senior students)
3. Forensic Chemistry (Mid-senior students)
4. Pharmacotherapeutics (Senior students)
5. Bioevaluation & Drug Screening (Senior students)
6. Geriatric Pharmacy (Elective course for Senior & Mid-senior students)
7. Nutrition (Elective course for Senior & Mid-senior students)
8. Graduation Projects (Senior students)
9. In-house part of Summer Training (Junior & Mid-senior students)

- For all of these courses, beside my participation in teaching lectures, I participate in:
- a) Designing and supervising practical parts and/or tutorials (if any)
  - b) Designing and marking of written exams & oral exams (if any)
  - c) Preparing of course specification, matrix and reports
  - d) Preparing course portfolio

**B.2.** Participation in preparing and teaching the practical sessions of the following Undergraduate students' courses in the Department of Pharmacology and Toxicology, Faculty of Pharmacy & Drug Manufacturing, Pharos University, Egypt as an assistant lecturer (2007-2009):

1. Cell Biology (Freshmen students)
2. Anatomy & Histology (Freshmen students)
3. Physiology I & II (Sophomore students)
4. Biochemistry I & II (Junior students)
5. Basic Pharmacology I (Junior students)
6. Basic Pharmacology II (Mid-senior students)



**C. Faculty of Pharmacy October 6 University, Giza, Egypt (2000-2006)**

Participation in preparing and teaching the practical sessions of the following Undergraduate students' courses in the Department of Pharmacology and Toxicology, Faculty of Pharmacy, October 6 University, Egypt as a demonstrator (2000-2005) and as an assistant lecturer (2005-2006):

1. Pharmacology ( part 1, 2 and 3)
2. Clinical Pharmacology and Applied therapeutics
3. Clinical Pharmacy
4. Biological Standardization and Screening of drug
5. Toxicology and Forensic Chemistry

**Academic Experiences:**

**A. Damanhour University (2014/2015)**

**A.1.** Participate, as Clinical Pharmacy Program Coordinator, in the following activities:

1. Attendance of all meeting of Clinical Pharmacy Program's Higher committee & Clinical Pharmacy Program's Executive committee, taking administrative decisions concerning the program
2. Design study plane
3. Coordination between Faculty staff members implicated in teaching of the program
4. Organization of Final Exams

**A.2.** Participate, as a member of Quality Assurance Unit, in the following activities:

1. Preparation and revision of courses specifications & matrices of all courses of B.Sc. Program.
2. Participate in preparation of the project proposal of the 1<sup>st</sup> call of SDEE "Support and Development of Educational Effectiveness in Higher Education Institutions" offered by Egyptian Ministry of Higher Education
3. Acting as Deputy Executive Director of the SDEE project offered by Egyptian Ministry of Higher Education (April 2015-December 2016)

**A.3. Memberships in Faculty Committees:**

1. Member in the **Department of Pharmacology & Toxicology Council** (9/2014 till now)
2. Member in the **Quality Assurance Unit** (10/2014 till now)
3. Member of **Clinical Pharmacy Program's Higher committee** (10/2014 till now)
4. Member of **Clinical Pharmacy Program's Executive committee** (10/2014 till now)

**B. Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria (2007-2014)**



**B.1.** Acting as an *Executive Manager of Quality Assurance Unit*, Faculty of Pharmacy & Drug Manufacturing, Pharos University, Egypt, from 5 / 2011 till 31/8/2014. I supervise and participate in the following activities:

1. Preparation and revision of the final Self-Study proposal (2012-2013) for accreditation from National Authority for Quality Assurance and Accreditation of Higher Education (NAQAEE)
2. Design, preparation and revision of
  - a) Faculty Strategic plan (2012-2017)
  - b) Faculty Mission, Vision and Objectives, final modification (2014)
  - c) Faculty Code of ethics & Ethics of scientific research (2013)
  - d) Faculty Scientific Research Plan (2014)
  - e) B.Sc. Program Specification, Matrix and Report.
  - f) Faculty Teaching & Learning Strategies
  - g) Faculty Annual Reports (2011-2014)
  - h) Cross-matching Studies of Courses, Program ILOs and National Academic Reference Standards (NAARS)
3. Organize & Participate in all activities aimed to clarify and declare all aspects and requirements of Quality Assurance between all faculty staff members, students, laboratory technicians and employees.
4. Communicate with faculty stakeholders

**B.2.** Acting as a member of PUA Educational Development Center team, from 10 / 2012 till now, I am responsible for teaching two modules of PUA Continuous Professional Development courses including:

- a) Students' Motivation Strategies
- b) Syllabus Design

**B.3.** Memberships in Faculty Committees:

1. Member in the **Faculty Council** (6/2011 – 8/2014)
2. Member in the **Department of Pharmacology & Toxicology Council** (11/2009 - 8/2014)
3. Member in the **PUA Quality Assurance Center** (5/2011- 8/2014)
4. Member in the **Faculty Quality Assurance Unit** (5/2011- 8/2014)
5. Member in the **Faculty Strategic Plan implication committee**

### **Conferences Attended and Abstracts published:**

1. *First International Pharmacy conference held by Beirut Arab University, Lebanon, under title of "Recent advances in pharmaceutical research and technology" (6,7 May 2010)*

➤ **Oral & Poster presentations of abstracts from Ph.D. thesis as following:**

- a) R. E. Remonda, **W. H. Maged**, A. I. ElMallah, and I. S. Saad (2010): *Antitumor Activity of Leflunomide in DMBA-induced Rat mammary Tumors. Recent advances in*



- pharmaceutical research and technology; 1<sup>st</sup> international conference, Beirut Arab University, Lebanon (May 6-7 2010)
- b) S. S. Ismail, W. H. Maged, A. I. ElMallah, R. E. Risk, and M. Shetaa **Antitumor Activity Of Celecoxib And Leflunomide On DMBA-Induced Rat Mammary Tumors : Inhibition Of HER-2 Expression (2010):** Recent advances in pharmaceutical research and technology; Beirut, Lebanon, May 6-7 2010.
- c) A. I. ElMallah, W. H. Maged, Rizk, E. Remonda. ; Ismail, S. Saad. and Ghonein, Hossam. **Growth Inhibition of DMBA-induced Rat Mammary Tumors by Rosiglitazone and Curcumin Alone or in Combination (2010):** Recent advances in pharmaceutical research and technology; 1<sup>st</sup> international conference, Beirut Arab University, Lebanon (May 6-7 2010)
2. **3rd TERMS World Congress 2012 "Tissue Engineering and Regenerative Medicine Symposium"**. Vienna, Austria, September 5-8, 2012.
- **Poster Presentation under title "Ionically-crosslinked milk protein nanoparticles as flutamide carriers for effective anticancer activity in prostate cancer-bearing rats"**. Ahmed O. Elzoghby, Maged W. Helmy, Wael M. Samy, Nazik A. Elgindy.
3. **Experimental Biology 2013 Pharmacology meeting in Boston, MA, USA. April 20-24, 2013.**(Poster Presentation)
- **3 Poster Presentations as following**
- a) Maged W Helmy, Hanan M El-Gowell, Rabab M Abdel-Halim and Mahmoud M El-Mas. **Aggravated Nephrotoxicity Evoked By Concurrent Exposure To Cyclosporine And Indomethacin In Rats: Role Of The Endothelin ETA Receptor/TGF-beta/COX-2 Pathway. The FASEB Journal. 2013;27:654.10.**
- b) Hanan M El-Gowell, Maged W Helmy, Rabab M Abdel-Halim and Mahmoud M El-Mas. **Celecoxib Offsets The Negative Renal Influences of Cyclosporine Via COX-2/Endothelin ETB Receptor Crosstalk. The FASEB Journal. 2013;27:654.9**
- c) Mahmoud M El-Mas, Rabab M Abdel-Halim, Maged W Helmy and Hanan M El-Gowell. **Endothelin ETA/ETB receptors modulate the hemodynamic interaction of cyclosporine with selective and nonselective nonsteroidal antiinflammatory drugs in rats. The FASEB Journal. 2013;27:654.8**
4. **6<sup>th</sup> international Conference held by Medical Research Institute, Alexandria University, 23<sup>rd</sup>-26<sup>th</sup> September 2014, under title of "Multidisciplinary Approach in Cancer Management"**
- **Poster Presentation under title "Potential Growth inhibitory effects of Vitamin D on N-Methyl-N-nitrosourea/Testosterone-induced rat prostate cancer"**. Maged W. Helmy, Mona A. Salama, Mona K. Maghraby, Noha I. Saad.
5. **Experimental Biology 2015 Pharmacology meeting in Boston, MA, USA. April 2015.**(Poster Presentation)



- *M El-Mas, M.W. Helmy, M.M. Helmy. Additive Renoprotective Effects Of Pioglitazone And Fenofibrate Against Cisplatin-Induced Renal Failure: PPARs/TNF- $\alpha$  Modulation. The FASEB Journal 29 (1 Supplement), 938.5*
- 6. *First PUA International Conference, under title of "Advances in Pharmaceutical Sciences", Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria, Egypt. 27-29, October 2015. (Poster Presentation)*
  - **2 Poster Presentations as following**
    - a) *Shaimaa Khamis, Maged W. Helmy, Salah Shewita, Ahmed O. Elzoghby. Novel Tumor-Targeted Protamine Nanocapsules for Combined Delivery of Letrozole and Celecoxib to Breast Cancer Bearing Mice.*
    - b) *Maged W Helmy, Gamal M Omran, Sherin M Zakaria. Antitumor activity of Sulfasalazine in DMBA-induced rat mammary tumors: role of NF- $\kappa$ B, IGF-1 and HER-2 axis inhibition.*
- 7. *4th World Congress on Breast Pathology and Cancer Diagnosis (Breast Pathology-2017)", held during August 23-24, 2017 at Toronto, Canada.*
  - **Poster Presentation under title "Reversal of TAM Resistance by Calcitriol and Tretinoin Combined Therapy Is Mediated Mainly by Induction of Survivin".**  
*Helmy MW, Sakr S, Matta CA, Ahmad MA, El-Abd E..*

### **Workshops Attended**

1. Workshops of "**Basic Concepts & Requirements of Quality Assurance and Accreditation of Higher Education**" held in 5,6 June 2008 by National Authority for Quality Assurance and Accreditation of Higher Education (NAQAAE)
2. Workshop of "**Basic Techniques in Cell Culture**" held in November 2009 by Medical Technology Center for Research, Medical Research Institute, Alexandria University, Egypt
3. Workshops of "**Institutional Self Assessment of Higher Education Institutes**" held in 13-17 December 2009 by National Authority for Quality Assurance and Accreditation of Higher Education (NAQAAE)
4. Workshops of "**External Auditing of Higher Education Institutes**" held in 27-31 December 2009 by National Authority for Quality Assurance and Accreditation of Higher Education (NAQAAE)
5. Continuing Professional Development (CPD) Program in teaching and learning delivered by the Institute of International Education to PUA staff members, 29 & 31 March 2012, at Pharos University in Alexandria.
6. "Basics of Bioinformatics" workshop held by Pharos University in Alexandria, 22 & 23 April, 2012.
7. Workshop of "**Culture and Leadership**" held as a Continuous Professional Development (CPD) Program, delivered by the Institute of International Education to PUA staff members. **5 January 2014, at Pharos University in Alexandria.**





8. Training Course on "**Effective Presentation Skills**", organized by Faculty and leadership Development Center, Alexandria University, 8-9 March 2014.
9. Training Course on "**The Credit Hour System**", organized by Faculty and leadership Development Center, Alexandria University, 15-16 March 2014.
10. Workshop of "**Gene expression analysis on large scale using Microarray and Real-Time PCR techniques**" held in Molecular Biology Lab, Cairo University Research Park, 8<sup>th</sup>-11<sup>th</sup> September, 2014.
11. Workshop of "**Pharmaceutical Vigilance**" held in Damanhour, Elbahira, Egypt, February 23<sup>rd</sup> 2015 under supervision under supervision of Egyptian Pharmaceutical Vigilance Center.

### **Dissertation Supervision (completed & in progress)**

#### **A. Completed thesis:**

1. Thesis Master Degree, Faculty of Pharmacy, Alexandria University. "**Role of nitregic and/or endothelin modulation in the cisplatin-induced acute renal failure in male rats**" as a co-supervision with Prof. Dr. Mahmoud Mohey El-Din and Dr. Mai Moustafa Helmy, 2010.
2. Thesis of Master Degree, Medical Researches Institut, Alexandria University. "**Evaluation of the anti-carcinogenic action of  $\beta$ -adrenergic receptor blockade or dopaminergic receptors stimulation in experimentally induced rat mammary tumors**" as a co-supervision with Prof. Dr. Remonda E. Rizk and Dr. Wessam F. El Hadidy, 2011.
3. Thesis of Master Degree, Medical Researches Institut, Alexandria University. "**Evaluation of the anti-carcinogenic action with possible novel targets for treatments of experimentally induced prostate cancer in male rats**" as a co-supervision with Dr. Mona Abdel Razek Salama and Dr. Dr. Hala Khalil El-Maghraby, 2011.
4. Thesis of Master Degree, Faculty of Pharmacy, Alexandria University. "**The renal and hemodynamic effects of cyclosporine and nonsteroidal antiinflammatory drugs in rats**" as a co-supervision with Prof. Dr. Mahmoud El Mass and Dr. Hanan Elgwaley, 2012.
5. Thesis of PhD degree, Medical Researches Institute, Alexandria University. "**A comparative study of the effect of different Tyrosine Kinase Inhibitors on some signaling pathways in breast cancer cell line**" as a co-supervision with Prof. Dr. Remonda E. Rizk and Dr. Roida Refaat , 2013.
6. Thesis of PhD degree, Institute of Graduate Studies and Research, Department of Biotechnology. "**Biopolymeric Nanovehicular Drug Delivery Systems for Targeted Cancer Therapy**" as a co-supervision with Prof. Dr. Salah A. Sheweita, Prof. Dr. Maha A. El Demellawy and Dr. Ahmed O. Elzoghby, 2014.

#### **B. In progress thesis:**

1. Thesis of PhD degree, Faculty of Pharmacy, Cairo University. "**Evaluation of the potential mechanisms involved in the renal therapeutic effect of Vitamin D and/or Pioglitazone on ischemia reperfusion injury induced in male rats**" as a co-supervision with Prof. Dr. Hanan Salah El Din El-Abhar and Dr. Muhammad Yusuf Al-Shorbagy , 2013.



2. *Thesis of Master degree, Medical Researches Institute, Alexandria University. "Comparative effectiveness of Berberine/tamoxifen combination versus Diosmin/tamoxifen in breast cancer cell line" as a co-supervision with Prof. Dr. Remonda E. Rizk and Dr. Roida Refaat , 2013.*
3. *Thesis of PhD degree, Faculty of Pharmacy, Cairo University. " Evaluation of the potential anti-carcinogenic effects of re-expressing and/or stimulating estrogen receptor-beta in the prostate cancer cell line PC3 " as a co-supervision with Prof. Dr. Tarek M. Mettawae, Prof. Dr. Iman H. Diab and Dr. Hebatallah Darwish, 2014.*
4. *Thesis of PhD degree, Faculty of Pharmacy, Cairo University. " Evaluation of the potential renoprotective effect of Vitamin D and/or retinoic acid on cisplatin-induced nephrotoxicity in male rats and their possible interaction with endothelin-1 pathway" as a co-supervision with Prof. Dr. Hanan Salah El Din El-Abhar .2014*
5. *Thesis of Master degree, Medical Researches Institute, Alexandria University. " Evaluation of the Potential Anti-carcinogenic Effects of Re-expressing Estrogen Receptor Beta on Breast Cancer Cell Line in the Presence or Absence of Either Tamoxifen or Raloxifen" as a co-supervision with Prof. Dr. Remonda E. Rizk and Dr. Roida Refaat , 2013.*

### Research Projects membership

1. **Project ID: 5731, Code: TC/3/April/2013/DNPI5731 (Targeted Call; Towards Development of National Pharmaceuticals Industries), "Inhalable Anticancer Drug-loaded Nanocomposites for Enhanced Lung Cancer Targeting";** Science & Technology Development Fund (STDF), Ministry of Scientific Research, Egypt. Role in the project: CO-PI.
2. **Project ID: 15053 (Innovation Grant), "Synthesis and evaluation of drug-polymer conjugate nanomicelles as emerging platform for targeted brain tumor therapy";** Science & Technology Development Fund (STDF), Ministry of Scientific Research, Egypt. Role in the project: Partner.

### Membership of Professional Societies:

1. Egyptian Pharmacist Syndicate (EPS) – ID:37924
2. Member of Egyptian Society of Natural Toxins (ESNT), membership No.: 947

### Publications:

1. [Helmy M.W.](#), [Sharabi F.M.](#), [Rizk R.E.](#), and [Ismail S.S.](#) (2005): *Comparative effects of tamoxifen versus anastrozole in an experimental mammary carcinogenesis model. JMRI.*, 26: 1-6.
2. [Ahmed O. Elzoghby](#), [Maged W. Helmy](#), [Wael M. Samy](#), [Nazik A. Elgindy](#). *Novel ionically crosslinked casein nanoparticles for flutamide delivery: formulation, characterization, and in vivo pharmacokinetics. International Journal of Nanomedicine.* 2013;8 1721–1732

3. Ahmed O. Elzoghby , [Maged W. Helmy](#), Wael M. Samy, Nazik A. Elgindy. *Spray-dried casein-based micelles as a vehicle for solubilization and controlled delivery of flutamide: Formulation, characterization, and in vivo pharmacokinetics Eur. J. Pharm. Biopharm.* 2013 Aug;84(3):487-96
4. Ahmed O. Elzoghby, [Maged W. Helmy](#), Wael M. Samy, Nazik A. Elgindy. *Micellar delivery of flutamide via milk protein nanovehicles enhances its anti-tumor efficacy in androgen-dependent prostate cancer rat model. Pharm. Res.* 2013 Oct;30(10):2654-63
5. Ahmed O. Elzoghby, Noha I. Saad, [Maged W. Helmy](#), Wael M. Samy, Nazik A. Elgindy. *Ionicly-crosslinked milk protein nanoparticles as flutamide carriers for effective anticancer activity in prostate cancer-bearing rats. Eur J Pharm Biopharm.* 2013 Aug;85(3):444-51
6. Hanan M. El-Gowelli, [Maged W. Helmy](#), Rabab M. Ali, Mahmoud M. El-Mas. *Celecoxib offsets the negative renal influences of cyclosporine via modulation of the TGF- $\beta$ 1/IL-2/COX-2/endothelin ETB receptor cascade. Toxicology and Applied Pharmacology.* 2014. *Toxicology and Applied Pharmacology* 275 (2014) 88–95
7. Mai M. Helmy, [Maged W. Helmy](#) , Dina M. Abd Allah , Ahmad M. Abo Zaid, Mahmoud M. Mohy El-Din Mohy El-Din. *Selective ETA receptor blockade protects against cisplatin-induced acute renal failure in male rats. European Journal of Pharmacology* 730 (2014) 133–139
8. [Maged W. Helmy](#), Mai M. Helmy, Dina M. Abd Allah, Ahmad M. Abo Zaid, Mahmoud M. Mohy El-Din Mohy El-Din. *Role of nitrergic and endothelin pathways modulations in cisplatin-induced nephrotoxicity in male rats. JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY* 2014, 65, 3, 393-399
9. Mahmoud M El-Mas, [Maged W Helmy](#), Rabab M Abdel-Halim, and Hanan M El-Gowelli. *Celecoxib, but not indomethacin, ameliorates the hypertensive and perivascular fibrotic actions of cyclosporine in rats: Role of endothelin signaling. Toxicology and Applied Pharmacology* 284 (2015) 1–7.
10. [Maged W. Helmy](#), Hanan M. El-Gowelli, Rabab M. Ali, Mahmoud M. El-Mas. *Endothelin ETA receptor/lipid peroxides/COX-2/TGF- $\beta$ 1 signaling underlies aggravated nephrotoxicity caused by cyclosporine plus indomethacin in rats. British Journal Of Pharmacology* 05/2015; DOI: 10.1111/bph.13199
11. MM Helmy, [MW Helmy](#), MM El-Mas. *Additive Renoprotection by Pioglitazone and Fenofibrate against Inflammatory, Oxidative and Apoptotic Manifestations of Cisplatin Nephrotoxicity: Modulation by PPARs. PloS one*, 2015; 10 (11), e014230.
12. AS Hanafy, RM Farid, [MW Helmy](#), SS ElGamal. *Pharmacological, toxicological and neuronal localization assessment of galantamine/chitosan complex nanoparticles in rats: future potential contribution in Alzheimer's disease management. Drug delivery*, 2016
13. Elzoghby AO, Mostafa SK, [Helmy MW](#), El-Demellawy M, Shewita S, *Superiority of aromatase inhibitor and cyclooxygenase-2 inhibitor combined delivery: Hyaluronate-targeted versus PEGylated protamine nanocapsules for breast cancer therapy, Int J Pharm* 529 (2017) 178-192.



14. Elzoghby AO, Mostafa SK, [Helmy MW](#), El-Demellawy M, Shewita S. *Multi-Reservoir Phospholipid Shell Encapsulating Protamine Nanocapsules for Co-Delivery of Letrozole and Celecoxib In Breast Cancer Therapy*. *Pharm Res* 34 (2017) 1956–1969.