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| **NAME: Basel Abdel-Naeem Abdel-Wahab Mohamed.****Birth date: *August 27, 1970.*** **Place of birth*: El-Faium- Egypt.*****GENDER: *Male*** **RELIGION: *Islam*** **NATIONALITY: *Egyptian*** **MARITAL STATUS: *Married, 3 children***  | scan0017 |

**Basel A. Abdel-Wahab**

**Associate Professor of Pharmacology and Clinical Pharmacy**

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**CURRICULUM VITAE**

**CURRENT POSITION**

Associate professor in the Department of Pharmacology, College of Medicine, Assiut University, Assiut, Egypt.

**EDUCATION**

1. Ph.D. in Pharmaceutical Sciences, "Pharmacology & Clinical Pharmacology", College of Pharmacy from The First Medical Academy in Moscow "A. M. Schenove"- Moscow – (Russia), Jun, 2005.
2. M.sc. degree in pharmaceutical Sciences, "Pharmacology", College of Pharmacy, Assiut University, Assiut, (Egypt), Dec., 1998.
3. B.S. in Pharmaceutical sciences, Very Good with degree of Honour, College of Pharmacy, Assiut University, Assiut, (Egypt), May 1992 (**Ranked** **First position**).

**SCIENTIFIC POSITIONS**

1. Associate professor in the Department Pharmacology, college of Pharmacy, Najran University, Najran, KSA, Feb 2012 (up till now).
2. Associate professor in the Department Pharmacology, Faculty of Medicine, Assiut University, Feb 2012 (up till now).
3. Coordinator of the college of Pharmacy, Najran University, Najran, KSA from its beginning 2008-2012.
4. Coordinator of the Departments of Pharmacology, Faculty of Pharmacy, Najran University, Najran, KSA, 2007- up till now.
5. Assistant professor in the Departments of Pharmacology & Clinical Pharmacy, Faculty of Pharmacy, Najran University, Najran, KSA, 2007-2012.
6. Assistant professor in the Departments of Pharmacology & Clinical Pharmacy, Faculty of Pharmacy, King Khaled University, AbhA, KSA, 2007-2008.
7. Assistant professor in the Department of Pharmacology, Faculty of Medicine, Assiut University, August 2005.
8. Lecturer in the Department of Pharmacology, Faculty of Medicine, Assiut University, Feb. 1999.
9. Demonstrator in the Department of Pharmacology, Faculty of Medicine, Assiut University, Jun 1993.

**FELLOWSHIPS**

Scholarship for studying Ph.D. in Moscow, (Russia), from The Ministry of Higher Education, Egypt, Jan. 1, 2002 – Jun 26, 2005.

**MEMBERSHIP OF SOCITIES AND COMMITIES**

1. Egyptian Syndicate of Pharmacists, August 1992 to date.
2. Assiut University Staff members Club, August 18, 1994 to date.
3. Member of the Arab Institution of Science and Technology (AIST) Feb. 2006 to date.

**TEACHING EXPERIENCE**

1. External Evaluator and Examiner in Faculties of Pharmacy and dentistry of Cairo, El-minia, El-Mansoura, Al-Azhar, Russian and El-Nahda-Beny Swief, Misr International University, Sohag, South valley universities.

2. Teaching the course of **Pharmacology** for the 3rd year students of the college of **Medicine**, Assiut University, Egypt.

2. Teaching the course of **Pharmacology** for the 3rd year students of the college of **Pharmacy**, Assiut University, Egypt.

3. Teaching the course of **pharmacology** for the 3rd year students of the college of **Vetrenary Medicine**, Assiut University, Egypt.

4. Teaching the course of **pharmacology** for the 3rd year students of the college of **Medicine**, Alazhar University, Assiut, Egypt.

5. Teaching the course of **pharmacology** for the 3rd year students of the college of **Dental Medicine**, Alazhar university, Assiut, Egypt.

6. Teaching the course of **Toxicology** for the 4th year students of the college of **Pharmacy**, Assiut university, Assiut, Egypt.

7. Teaching the course of **Bioassay** for the 4th year students of the college of **Pharmacy**, Assiut university, Assiut, Egypt.

8. Teaching the course of **pharmacology** for the 3rd year students of the college of Dental Medicine, and College of **Pharmacy, Misr International University**, Cairo, Egypt.

9. Teaching the course of **pharmacology** for the level-6 (pharma-1), level-7 (pharma-2) and level-8 (pharma-3) for students of the college of **Pharmacy**, **King Khaled University**, Abha, Saudi Arabia, 2007/2008.

10. Teaching the course of **Toxicology** for the level-8 pharmacy students, college of Pharmacy, King Khalid university, Abha, Saudi Arabia 2007/2008..

11. Teaching the course of **pharmacology** for the 3rd and 4th year students of the college of **Medicine**, King Khalid university, Abha, Saudi Arabia, 2007/2008.

12. Teaching of the curriculum of **Clinical pharmacy** in the **Collage of Pharmacy, King Khalid University, ABHA, KSA** in the teaching year 2007/2008 which include 1) Drug Information 2) Pharmacy Administration.3) Basic &Clinical pharmacokinetics. 4) Pharmacotherapeutics I, II.5) Hospital Pharmacy 6) Drug Marketing. 7) Computer in pharmacy practice.

13. Teaching of the curriculum of **Clinical pharmacy** in the **Collage of Pharmacy, Najran University, Najran, KSA** in the teaching year from 2008 to 2013 which include 1) Drug Information 2) Pharmacy Administration.3) Basic & Clinical pharmacokinetics. 4) Pharmacotherapeutics I, II.5) Hospital Pharmacy 6) Drug Marketing. 7) Computer in pharmacy practice.

14. Teaching the courses of **Pharmacology** for the different blocks (**Musculoskeletal, Hematology, Cardiovascular, Respiratory, GIT, Endocrine, Urinary, CNS-1, CNS-2** and **Dermatology** Blocks) in the PBL system for students of the College of **Medicine**, Najran University, Saudi Arabia.

14. Teaching the courses of **Pharmacology** (1, 2 and 3), **Toxicology** and **Biotechnology** for the students of the College of **Pharmacy**, Najran University, Najran, Saudi Arabia from 2008 up till now.

15. Teaching the course of **Pharmacology** for the students of the 5th level of the College of **Dentistry**, Najran University, Najran, Saudi Arabia.

16. Teaching the course of **Pharmacology** for the students of the 8th level of the department of Physical therapy, College of Applied Medical Sciences, Najran University, Najran, Saudi Arabia.

17. Teaching of Pharmacology and clinical pharmacy courses for **undergraduate** clinical pharmacy and **postgraduate** Pharmacy students in Assiut University.

18. Teaching of Advanced Pharmacology and Bioassay courses for **Ph.D. pharmacy students** in Assiut University.

19. Teaching of Pharmacology courses for **postgraduate** Master students, College of Medicine (Internal medicine, Surgery, Urinary, Obstetrics & Gynaecology, Chest diseases) students.

20. Teaching of Advanced Pharmacology courses, Biostatistics, and Basics of Research for **postgraduate** Master students of Pharmacology department, College of medicine , Assiut University.

**CONFERENCES AND SYMPOSIA**

**A. CONFERENCES IN EGYPT**

1. 23th Annual conference of the Faculty of Medicine, Assiut University, April 2005.
2. 24th Annual conference of the Faculty of Medicine, Assiut University, April 2006.
3. Annual conference of Clinical Pathology, Faculty of Medicine, Assiut University, April 2006.
4. 25th Annual conference of the Faculty of Medicine, Assiut University, April 2007.
5. 27th Annual conference of the Faculty of Medicine, Assiut University, April 2009.
6. 28th Annual conference of the Faculty of Medicine, Assiut University, April 2010.
7. 4th Annual conference of Virology and hepatic Diseases, Faculty of Medicine, Assiut University, May 2010.

**B. CONFERENCES IN SAUDI ARABIA**

1. The first annual conference of Nanotechnology, King Abdul Aziz University, Jun 2008.
2. The second annual conference of Nanotechnology, King Abdul Aziz University, April 2009.
3. 4th Annual conference of the College of Medicine, King Khalid University, May 2008.
4. 5th Annual conference of the College of Medicine, King Khalid University, May 2009.
5. Lecture under title “Swine Flu, Treatment and Prophylaxis”, in the meeting of Swine Flu, College of medicine, Najran University, 10 Nov., 2009
6. Workshop entitled "Academic Accreditation: How and Why?", Najran University, December 2008.
7. Workshop about panning and processing of internal assessment of Accreditation" in Prince Naief University for Security Sciences, March 2009.
8. Annual conference of the college of Medicine, King Khalid University, Jun 2009.
9. Annual conference of the college of Medicine, King Khalid University, Jun 2013.
10. Annual conference of the college of Medicine, King Khalid University, Jun 2014.

**SCIENTIFIC TRAINING and WORKSHOPS**

1. **IN EGYPT**
2. Training course in Molecular Biology **“Biotechnology and PCR Techniques”,** From **“The Center of Molecular Biology, Assiut University”,** February; 1998.
3. Course in computer sciences **“Microsoft Windows and Office”,** From **“The Computer Center, Faculty of Medicine, Assiut University”,** March 2001**.**
4. University Course of **Russian language,** from the **Center of Russian language, Moscow Medical Academy “A.M. Sechenove”,** 2002 “with Excellent Degree”.
5. Course in **“Drug Targeting to the CNS using Nanovectors”,** from the **Center of drug Technology, Moscow Medical Academy “A.M. Sechenove”,** October; 2003.
6. Course of **Clinical Pharmacology, College of Pharmacy, Moscow Medical Academy “A.M. Sechenove”,** 2003.
7. Training course in Molecular Biology **“Sandwich ELISA in Assay of peptide neurotransmitters”, The Center of Molecular Biology, Russian Academy of drug research”** February; 2004.
8. Work shop about “**Interactive Teaching**”, **Center of Improvement of qualifications of staff Members, Assiut University,** January, 2006**.**
9. Work shop about **“The Advanced Methods of Teaching”, Center of Improvement of qualifications of staff Members, Assiut University,** April, 2006**.**
10. Presenting lecture in the work shop under title “**Improvement the knowledge of graduated students in Biotechnology**”, Feb., 2006.
11. Work shop about **“Economics of Researches”,** Center of Improvement of qualifications of staff Members, Assiut university, March, 2007.
12. Work shop about **“Preparing Researches and its international Publication”,** Center of Improvement of qualifications of staff Members, Assiut university**,** May, 2007**.**
13. Work shop about “Quality assurance and Accreditation”, Center of Improvement of qualifications of staff Members, Assiut university**,** July 2007.
14. Training course in Molecular Biology **“Real-time PCR Technique”,** From **the Center of Molecular Biology, Assiut University,** March, 2007.
15. Work shop in Molecular Biology **“Protein Analysis”,** center of Molecular Biology, Faculty of Medicine, Alexandria University, March, 2007.

**B. IN SAUDI ARABIA**

**1.** Workshop entitled **“Academic accreditation. How? And Why?”** in Deputy Rectorship of Najran University for quality and accreditation, Nov., 2008.

**2.** Workshop entitled **“Design and processing of Internal Assessment for Accreditation according to the standards of the National commission for Academic accreditation and Assessment,** prince Naief University for security sciences, **Riyadh**, March, 2009**.**

**3.** Workshop entitled **“Design internal assessment system for Colleges”** in Deputy Rectorship of Najran University for quality and accreditation, Dec., 2010.

**4.** Workshop entitled “**Developing Research abilities, Idea Formulation and Research Management**”, King Abdulaziz city for Science and Technology, 19 Nov, 2012.

**5.** Scientific day activities of **Prince Mishaal chair for Edndemic Diseases in Najran** Area, 25-11-2012.

6. Workshop entitled “**Writing of competitive Research Projects**”, deanship of Quality Assurance and 25-26 Feb. 2012.

7. Scientific day activities of Health colleges of Najran University, 19-21 March 2013.

8. Workshop entitled “**Self Study of Programs**”, deanship of Quality Assurance and 22-23 Feb. 2013.

9. Workshop entitled “**Quality standards in the Higher education according to the National commission for Academic Accreditation**”, deanship of Quality Assurance and 24-25 Sept. 2013.

10. Workshop entitled “**Quality of scientific Research and International publishing in ISI journals**”, 16 Nov 2013.

11. Workshop entitled “**Program specification according to the National commission for Academic Accreditation**”, 18-19 Nov, 2013.

12. Workshop entitled “Evaluation and Assessment of Education Output”, 26-27 Nov, 2013.

13. Workshop entitled “**Self Study of Programs**”, deanship of Quality Assurance and 9-10 Decemb. 2013.

14. Workshop entitled “**Program Report according to the National commission for Academic Accreditation**”, 9-10 Decemb, 2013.

15. Workshop entitled “**Recent strategies in Higher Education**”, 25-26 Feb, 2014.

16. Workshop entitled “**The use of Electronic Liberary and Data Basis of Electronic Saudi Library**”, 18 Feb 2014.

17. Workshop entitled “**Courses specification and** **Report according to the National commission for Academic Accreditation**”, 22-23 April, 2014.

18**.** Workshop entitled “**Teaching on the Run (Module I & II)**” 8, 9 March 2015, The University of Western Australia.

**CERTIFICATES OF APPRECIATION**

1. Certificate of Appreciation from the cultural office of the Egyptian embassy for the cultural activities during the period of scholarship and for obtaining of the PhD. July 2005.
2. Certificate of Appreciation from the President of Najran University for the finish of preliminary internal assessment program and attainment of Pharmacy college of the 3rd position, 2010-2011.
3. Certificate of Appreciation from the Dean of Medical Colleges in Najran University for the selection as the Most Active staff member in the medical colleges, in Najran University., 2009-2010.
4. Certificate of Appreciation from the Dean of Medical Colleges in Najran University for efforts in progress of College of Pharmacy in the year 2010-2011.
5. Certificate of Appreciation from the Dean of College of Pharmacy in the year 2013-2014.

**MAJOR RESEARCH/TECHNOLOGY TOPICS OF INTEREST**

1. Neuropharmacology, studying drugs that affect CNS, their mechanisms of action and possible interactions with other drugs or chemical agents.
2. Nanotechnology in pharmaceutical and Medical practice:
3. The use of nanovectors in drug targeting through BBB.
4. The use of nanocarriers in cancer chemotherapy and overcoming on the antineoplastic resistance.
5. The use of nanovectors in RNA and gene targeting to the brain and tumor cells.
6. Studying the effect of drugs on the cellular DNA damage and repair and the role of this effect in treatment of neurologic and neoplastic diseases.
7. Studying the effect of drugs on the molecular levels on cellular signaling transduction, cytokines, chemokines, nuclear factors and transcription factors.
8. Toxicological studies of drugs, xenobiotics and chemicals on different body systems and studying the possible effects of new protective agents.

**RESEARCH PROJECTS AND THESES**

1. MS. Thesis entitled: Role of ion channels in the mechanism of anticonvulsant effect of valproic acid. Department of Pharmacology, College of Pharmacy, Assiut University, (Egypt), 1998.
2. PhD. Thesis entitled: Enhanced transport of antiamnesic drugs through the blood-brain barrier using Polycyanoacrylate nanoparticles coated with polysorbate-80. Department of Pharmacology, College of Pharmacy, The First Medical Academy in Moscow "A. M. Schenove"- Moscow – (Russia), Jun, 2005.
3. Metwally ME., Abdel-Wahab BA., El-Khawanki MM. The protective effect of beta-adrenergic blockers and angiotensin converting enzyme inhibitors on the cardiotoxic and neurotoxic effects of clozapine. (NU. 2/10)
4. El-Khawanki MM. , Abdel-Wahab BA., Metwally ME. The possible protective effects of ginkgo biloba and nigella sativa oil on the hematotoxic and neurotoxic effects of long exposure to benzene in rats. (NU. 3/10).
5. Abd El-Aziz SA., Abdel-Wahab BA. Studying the anticonvulsant and cardioprotective effects of omega-3 in rats. (NU. 6/10).

**List of Publications**

1. Mahmoud M. Abdel-Rahman, Alaa El-Din A. Elkoussi and **Basel A. Abdel-Wahab.** Pharmacodynamic interaction between nifedipine and sodium valproate against kainic acid-induced convulsions in mice. ***Assiut University Bull. Res***. 2(1): 31-43 (1999).
2. Mahmoud M. Abdel-Rahman , Alaa El-Din A. Elkoussi and **Basel A. Abdel-Wahab.** Combined anticonvulsant activity of verapamil and valproic acid. Pharmacodynamic interaction and influence on serum and brain electrolytes in kainic acid-treated mice. ***The 17th Annual Scientific Conference Faculty of Medicine***, Assiut University, Assiut , Egypt, Feb. 22-25 (1999).
3. Mahmoud M. Abdel-Rahman, Alaa El-Din Elkoussi and **Basel A. Abdel-Wahab.** Pharmacodynamic interaction between nifedipine and sodium valproate against kainic acid-induced convulsions in mice. ***The 17th Annual Scientific conference, Faculty of Medicine***, Assiut University, Assiut, Egypt. Feb. 22-25 (1999).
4. Mahmoud M. Abdel-Rahman, Alaa El-Din A. Elkoussi and **Basel A. Abdel-Wahab.** Influence of sodium channel blockade on the anticonvulsant properties of sodium valproate against kainic acid-induced convulsions in mice. ***The 18th Annual Scientific Conference, Faculty of Medicine***, Assiut University , Assiut, Egypt, Mar 5-7:20 (2000).
5. Mahmoud M. Abdel-Rahman, Alaa EL-Din A. Elkoussi and **Basel A. Abdel -Wahab.** Effect of Lidocaine on the anticonvulsant properties of valproic acid against convulsions elicited by pentylenetetrazol in mice. ***The 19th Annual Scientific Conference, Faculty of Medicine***, Assiut University, Assiut, Egypt.26 th Feb- 1st Mar (2001).
6. Mahmoud M. Abdel-Rahman, Alaa EL-Din, A. Elkoussi and **Basel A. Abdel-Wahab.** Modulation of the anticonvulsant action of valproic acid by verapamil against pertylentetrazol-induced seizures in mice. ***The 19 th Annual Scientific Conference, Faculty of Medicine***, Assiut University, Assiut, Egypt. PP. 91. 26th Feb. 1st Mar (2001).
7. Mahmoud M. Abdel-Rahman, Alaa EL-Din, A. Elkoussi and **Basel A. Abdel-Wahab.** Does the dihydropyridines modify the anticonvulsant action of sodium valproate? ***The 19th Annual Scientific Conference, Faculty of Medicine***, Assiut University, Assiut, Egypt. PP 92.26th Feb- 1st Mar (2001).
8. **Basel. A. Abdel-Wahab,** V.E. Petrov, S.S. Trofimov, T.T. Voronina, R.N. Alyautdin. Transport of proserine through blood brain barrier using poly(butylcyanoacrylate) nanoparticles coated with polysorbate-80 in rats. ***J. European*** ***Neuropsychopharmacology***, 15,2:213-214, (2005).
9. **Basel A. Abdel-Wahab,** Petrov V. Evgenivech, Renad N. Alyautdin**.** Brain targeting of nerve growth factor using poly(butylcyanoacrylate) nanoparticles. ***The Internet J. of Pharmacology***, 3;5:723-731,(2005).
10. **Abdel-Wahab BA,** Petrov VE, Trofimov SS, Voronina TA, Aliautdin RN. Antiamnesic activity of nerve growth factor adsorbed on poly(butyl) cyanoacrylate nanoparticles coated with polysorbate-80. ***Eksp Klin Farmakol.*** Nov-Dec;68(6):3-8. (2005).
11. Atef A. Abdel-Hafez, **Basel A. Abdel-Wahab**. 5-(4-Chlorophenyl)-5,6-dihydro-1,3-oxazepin-7(4H)-one derivatives as lipophilic cyclic analogues of baclofen: Design, synthesis, and neuropharmacological evaluation. ***Bioorganic & Medicinal Chemistry*** (2008),16: 7983–7991.
12. **Basel A. Abdel-Wahab**, Atef A. Abd El-monem, Mohamed M. Abdel-Latif. Pegylated polybutylcyanoacrylate nanoparticles as a vector for enhancement of baclofen delivery through blood-brain barrier. ***The 4th annual conference, College of Medicine, King Khaled University***, Abha, KSA, (2008), 28 May.
13. **Basel A. Abdel-Wahab**, Mahran S. Abd El-Rahman, Mohamed M. Abd El-latif. Enhanced Delivery of Baclofen Through Blood-Brain Barrier Using Poly(butyl cyanoacrylate) Nanoparticles Coated with Polysorbate-80 as a Carrying Vector. ***The International Conference For Nanotechnology Industries, Ryiadh, KSA*** (2009),19-20/6/: 49-56.
14. Mohamed A. Shaaban, Awwad A. Radwan, Yaseen A. Mosa and **Basel A. Abdel-Wahab**. Synthesis and docking study of some pyrazolo [3,4-*d*]pyrimidin- 4(5*h*)-one derivatives as phosphodiesterase-5 inhibitors. ***Saudi Pharmaceutical Journal***, (2009),17(2):109-128.
15. **Basel A. Abdel-Wahab**, Mohamed M. Abdel-Latif, Atef A. Abdel-Hafez. Comparative study for brain delivery of tacrine using polysorbate 80 – coated poly(butylcyanoacrylate) and pegylated-poly(butylcyanoacrylate) nanoparticles. ***Int. J. Nano and Biomaterials***, (2009), 2, (1-5):360-374.
16. Samy M. Abd El-Aziz and **Basel A. Abdel-Wahab**. Urocortin 1 inhibits guinea pig gallbladder contractility in vitro via corticotropin-releasing factor receptor 2. ***Canadian Journal of Physiology and Pharmacology***, (2011);(89):1-9.
17. **Basel A. Abdel-Wahab, Ragaa H. Salama.** Venlafaxine Protects Against Stress-Induced Oxidative DNA Damage in Hippocampus during Antidepressant Testing in Mice. ***Pharmacology Biochemistry and Behavior,*** (2011),100(1):59-65.
18. **Basel A. Abdel-Wahab** and Metwally E. Metwally Ginkgo Biloba Enhances the Anticonvulsant and neuroprotective effects of sodium valproate against kainic acid-induced seizures in Mice. ***J. Pharmacol Toxicol***, (2011),56 (18): 42-48.
19. **Basel A. Abdel-Wahab**, Mohamed M. Elkhawanki. Possible Involvement of Nitric Oxide Signaling Pathway in the Protective Effect of Clomipramine Against Acute Immobilization Stress-Induced Behavioral and Biochemical Changes in Mice. ***The Medical Journal of Cairo University***, (2011), 13:24-31.
20. **Basel A. Abdel-Wahab** and Metwally E. Metwally. Enhancement of the Anticonvulsant and Neuroprotective Effects of Sodium Valproate by Ginkgo Biloba Against Kainic Acid-Induced Seizures in Mice. ***Zagazig University Medical Journal*** (2011), 13:22-36.
21. **Basel A. Abdel-Wahab**, Samy M. Abd El-Aziz (2012): *Ginkgo biloba* protects against intermittent hypoxia-induced memory deficits and hippocampal DNA damage in rats. ***Phytomedicine***. 19: 444– 450.
22. **Basel A. Abdel-Wahab,** Metwally E. Metwally and Saied S. Elshamab. (2012). Involvement of GABA-ergic transmission in the anticonvulsant effect of *Ginkgo biloba* against kainic acid induced seizures in mice. ***Ain Shams journal of Forensic medicine and Clinical Toxicology***. 18:137-143.
23. **Basel A. Abdel-Wahab**, Metwally E. Metwally, Mohamed M. El-khawanki, Alaa M. Hashim. Protective effect of captopril against clozapine-induced myocarditis in rats: Role of oxidative stress, proinflammatory cytokines and DNA damage. ***Chemico-Biological Interactions***. 216 (2014) 43–52
24. Jobran M. Al Qahtani, **Basel A. Abdel-Wahab**, Samy M. Abd El-Azizb. Long-term moderate dose exogenous Erythropoietin treatment protects from intermittent hypoxia-induced spatial learning deficits and hippocampal oxidative stress in young rats**. *Neurochemical Research***, (2014) Jan;39(1):161-71.
25. **Basel A. Abdel-Wahab**, Samy M. Abd El-Azizb, Jobran M. Al Qahtani. Effects of Omega-3 Fatty Acids on Pentylenetetrazole-induced Kindling, Cognitive Impairment and Oxidative Stress. ***Life Science Journal*** (2014);11(7).
26. Mohammad Zaki Ahmad , Shabib Akhter , Nehal Mohsin **, Basel A. Abdel-Wahab.** Transformation of Curcumin from Food Additive to Multifunctional Medicine: Nanotechnology Bridging the Gap. ***Current Drug Discovery Technologies,*** 2014*, 11,*22-26.
27. Mohamed M.M. Abdel-Latif , **Basel A. Abdel-Wahab**. Knowledge and awareness of adverse drug reactions and pharmacovigilance practices among healthcare professionals in Al-Madinah Al-Munawwarah, Kingdom of Saudi Arabia. ***Saudi Pharmaceutical Journal*** (2014),22:490-498.
28. **Basel A. Abdel-Wahab**, Metwally E. Abdalla, Mohamed M. El-khawanki. Does clozapine induce myocarditis, myocardial oxidative stress and DNA damage in rats? ***Egyptian Journal of Forensic Sciences*** (2014) 4, 75–82.
29. **Basel A. Abdel-Wahab**, Metwally E. Metwally, Mohamed M. El-khawanki, Alaa M. Hashim. Protective effect of captopril against clozapine-induced myocarditis in rats: Role of oxidative stress, proinflammatory cytokines and DNA damage. ***Chemico-Biological Interactions***. 216 (2014) 43–52.
30. **Basel A. Abdel-Wahab**, Metwally E. Metwally. Protective Effect of Alpha Lipoic Acid against Lead-induced Hippocampal Neurotoxicity and Neuronal Oxidative Stress in Rats. ***Austin J Pharmacol Ther***. 2014; 2 (11).8.
31. **Basel A. Abdel-Wahab**, Metwally E. Metwally. Clozapine-Induced Cardiotoxicity: Role of Oxidative Stress, Tumour Necrosis Factor Alpha and NF-κβ. ***Cardiovascular Toxicology.*** 2014 Dec 25. [Epub ahead of print].
32. Basel A. Abdel-Wahab, Metwally E. Metwally. Clozapine-induced cardiotoxicity in rats: Involvement of Tumour necrosis Factor alpha, NF-κβ and Caspase-3. ***Toxicology Reports***. 2014, 11.104-112.
33. Basel A. Abdel-Wahab, Jobran M. Al Qahtani, Samy M. Abd El-Azizb. Omega 3 polyunsaturated fatty acids in large doses attenuate seizures, cognitive impairment, and hippocampal oxidative DNA damage in young kindled rats. ***Neuroscience Letters****.* 2015 Jan 1;584:173-7.
34. **Basel A. Abdel-Wahab**, Ibrahim A. Shaikh, Masood M. Khateeb, Shafiuddin M. Antihyperglycemic and Antihyperlipidemic Activity of *Sida spinosa* linn*.* Root in Streptozotocin- Induced Diabetic Rats. ***British Journal of Pharmaceutical sciences***, 2015, 5(2): 124-136.
35. **Basel A. Abdel-Wahab**, Ibrahim A. Shaikh, Masood M. Khateeb, Shafiuddin M. Habeeb.Omega 3 polyunsaturated fatty acids enhance the protective effect of Levetiracetam against seizures, cognitive impairment and hippocampal oxidative DNA damage in young kindled rats. ***Pharmacology, Biochemistry and Behavior***, 2015 [Accepted for publication].

**Contact Me Through**

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**2)** Department of **Pharmacology and Toxicology**, College of Pharmacy, Najran University, Najran, Sauia Arabia.

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