

Curriculum Vitae

Prof. Dr. Nahla E. El-Ashmawy



Personal Information

Name: Nahla El-Sayed Abd Allah El-Ashmawy

Birth Date: 19/10/1961, Tanta, Egypt

Marital Status: Married

Current Post: Vice Dean for Education & Students` Affairs, Faculty of Pharmacy,
Tanta University

Phone: Office: 040/3336007/153, 040/3336409/153

Home: 040/3345254, 02/29299209

Mobile: 01224283309, 01116721982

Fax: 040/3335466

Email: nahla.elashmawi@pharm.edu.eg
nahlaelashmawy@yahoo.com

Qualifications

1996: PhD in Pharmaceutical Sciences (Biochemistry), Tanta University, Egypt

1990: Master of Pharmaceutical Sciences (Biochemistry), Tanta University, Egypt

1984: Bachelor of Pharmaceutical Sciences "Excellent with Honor", Tanta University,
Egypt

Positions Held

August 2014: Vice Dean for Education & Students` Affairs, Tanta Faculty of Pharmacy

December 2012: Head of Biochemistry Department, Tanta Faculty of Pharmacy

Jan 2007: Professor of Biochemistry

2002-2007: Associate Professor of Biochemistry

1996-2002: Lecturer of Biochemistry

1990-1996: Assistant Lecturer of Pharmaceutical Chemistry

1984-1990: Demonstrator of Pharmaceutical Chemistry

Membership in Professional Associations

- 1- Member of the "Promotion Committee for Associates and Professors of Biochemistry" at Supreme Council of Egyptian Universities (2013-2016).
- 2- Member of "Education & Students` Affairs Council" of Tanta University since August 2014.
- 3- Referee for competitive projects "STDF projects" at Ministry of Scientific Research, June 2014.
- 4- Member of "Experts` Committee", Ministry of Scientific Research, Egypt, since May 2013.
- 5- Referee in the "Egyptian Universities Promotion Committee of Biochemistry" (2008-2012).

- 6- Member of the committee of “Stem Cells and Bone Marrow Transplantation”, Tanta University, since December 2012.
- 7- Member of the “Election Group” of Tanta University (2011-2013).
- 8- Member of the “National Center of Faculty and Leadership Development”; NCFLD/FLDP.
- 9- Member of the “National Authority for Quality Assurance and Accreditation of Education”; NAQAAE.
- 10- Member of the Egyptian Syndicate of Pharmacists
- 11- Member of the Egyptian Pharmaceutical Society
- 12- Member of the Egyptian Society of Clinical Chemistry
- 13- Member of the Egyptian Society of Biochemistry & Molecular Biology
- 14- Member of the Egyptian Society of Immunology

Awards

1. Tanta University Award for “Excellence in Academic Performance”, July 2014.
2. The “Ideal Mother” of the Faculty of Pharmacy, Tanta University, April 2014.
3. The “Ideal Pharmacist” of the Faculty of Pharmacy, Tanta University - Celebration of the Pharmacist Day 27/3/2012 by the Egyptian Syndicate of Pharmacists.

Academic Experiences and Extracurricular Activities

1. Member of the “committee of Tanta University” for examining and selecting the “Ideal Student”, November 2015.
2. Reviewing the bylaw of the new academic program “Environmental and Urban Architecture” for Faculty of Engineering, Tanta University, September 2015.
3. Reviewing the bylaw of the new academic program “Petroleum & Mining Geology” for Faculty of Science, Tanta University, January 2015.
4. Evaluation of a PhD thesis granted by Faculty of Pharmacy, Helwan University, to win the University` award for best PhD Thesis, February 2015.
5. One of the chairpersons of the session of “Risk and Control of Viral Hepatitis”, the 9th Conference of “Liver & Environment”, Faculty of Medicine, Tanta University, Egypt, October 2014.
6. Member of the committee for evaluation of the applicants for working as teaching staff of Biochemistry at Faculty of Pharmacy, Damanhur University, December 2013.
7. Producer of an electronic course in Clinical Biochemistry.
8. Teaching “Biochemistry” and “Clinical Biochemistry” for undergraduate and graduate students.
9. Teaching “Biology” and “Biophysics” for undergraduate students.
10. Teaching “Bioanalysis” for “Pharm D” students.
11. Teaching “Clinical Applied Analysis” for 5th year students, Faculty of Pharmacy, October University for Modern Sciences and Arts (MSA), 2012/2013.
12. Supervisor of graduation projects in Biochemistry for 5th year students, Faculty of Pharmacy, October University for Modern Sciences and Arts (MSA), 2012/2013.
13. Preparation and design of the syllabus and course specification of all courses taught in the Biochemistry Department.

14. Author of lecture notes of Biochemistry, Clinical Biochemistry, Biology, and Biophysics.
15. Author of "Manual of Laboratory Safety" for pharmacy students, 2011.
16. Examiner of Biochemistry and Clinical Biochemistry in many Pharmacy Colleges, and also in College of Medicine, Tanta University.
17. Supervision of (82)"Seminars" in the Biochemistry Department.
18. Participation in the "Annual Scientific Meeting" of the Department and Faculty.
19. Head of "Control Room" for many years.
20. Supervision of "Summer Training" of pharmacy students.
21. Member of the Faculty Council.
22. Member of Committee of Students Affair, Committee of Postgraduate Studies & Research, and Committee of Community Services.
23. Academic supervisor of the undergraduate and postgraduate students
24. Supervision of "Cultural Committee" of Students` Union, 2008-2012.
25. Supervision of "Literary Society", Faculty of Pharmacy, Tanta University, 1998-2012.
26. Supervision of annual publication of the students` magazine "Kalam fy Eladab", 1998-2012.
27. Member of "Tanta University Council for judging the students breaking the university ethical guidelines" for the academic years 2012/2013 & 2013/2014.
28. Supervision of (54) theses of Master and PhD degrees in different departments of Pharmacy and Medicine colleges.
29. External examiner for (25) Master and Ph.D. theses in other Pharmacy colleges.
30. Participation in (39) National and International Conferences.
31. Author of (60) articles published in Scientific Journals and Conferences.
32. Participation in (44) workshops of biochemistry and molecular biology, human resources, quality accreditation and assurance, and training of trainers.
33. Referee for scientific journals (Mansoura J of Pharmaceutical Sciences) and online journals (Indian J of Biochemistry & Biophysics - Toxicology and Industrial Health – Tumor Biology).
34. Chairperson of "Biochemistry Session" of the First International Pharmaceutical Sciences Conference of Tanta University, November 18-19, 2009.

Reviewer for King Abdulaziz University, KSA

Reviewer of "Principles of Molecular Biology" Book to be included as a basic requirement for promotion in the field of Biochemistry at the "Permanent Committee for Academic Promotions", King Abdulaziz University, Kingdom of Saudi Arabia, 2013.

Review board member

Review board member for "Journal of Food Chemistry and Nutrition" (JFCN) since February, 2013.

Quality Assurance and Accreditation

1. Member of external reviewing team of Project Management Unit, Ministry of Higher Education, for “Program of Clinical Pharmacy Program”, Faculty of Pharmacy, Alexandria University, March 2015.
2. Member of external reviewing team of Project Management Unit, Ministry of Higher Education, for “Program of Clinical Pharmacy Program”, Faculty of Pharmacy, Zagazig University, March 2015.
3. External reviewer for the courses taught by Biochemistry Department, Faculty of Pharmacy (Girls), Al-Azhar University, January 2015.
4. External reviewer for the “Program of Pharmaceutical Sciences” of the Faculty of Pharmacy, Misr University for Science & Technology, November 2014.
5. Technical support for Faculty of Pharmacy (Girls), Al-Azhar University, to help preparation for academic accreditation, October 2014-March 2015.
6. Technical support for Faculty of Pharmacy, Ahram Canadian University, to help preparation for academic accreditation, June 2014-January 2016.
7. Coordinator for “accreditation visit” (March 2014) and “supplementary visit” (November 2014) for Faculty of Pharmacy, Tanta University.
8. Associate trainer in the National Center for Faculty and Leadership Development; NCFLD.
9. Trainer of “Scientific Research Ethics” and “Code of Ethics” at the Faculty and Leadership Development Center (FLDC), Tanta University.
10. Peer reviewer in the National Authority for Quality Assurance and Accreditation of Education; NAQAAE.
11. Internal evaluator of the Quality Assurance Unit, Tanta Faculty of Pharmacy.
12. External reviewer for courses taught by Biochemistry Department for “Clinical Pharmacy Program”, Faculty of Pharmacy, Mansoura University, Egypt, January 2013.
13. Proposing the template of the thesis specification of Master and Ph.D. theses and also of seminar specification for the postgraduate studies in Pharmacy (March, 2012).
14. External reviewer for “Program of Pharmaceutical Sciences” and “Master & Ph.D. Programs of Biochemistry” of Faculty of Pharmacy, Helwan University, Egypt, February 2012.
15. Member of the “Site Visit Team”, “Accreditation Visit Team”, and “Simulation Visit Team” for many colleges in different Egyptian universities since 2010 (Faculty of Pharmacy, Alexandria Univ, Mansoura Univ, Zagazig Univ, 6 October Univ, MSA Univ, Ain Shams Univ, Future Univ & Faculty of Engineering, Tanta Univ) .
16. Completing the workshops “Learning Outcomes and Curriculum Maps for Higher Education Institutions” and “Condensed Workshop for External Reviewers for Higher Education Institutions”, NAQAAE 2010.
17. Completing the workshops “Institutional Self-Evaluation for Higher Education” and “External Review for Higher Education Institutions”, NAQAAE 2009.
18. Member of “Tanta University Quality Assurance Center”, Department of "Training and Technical Support", 2007-2010.

Research Project

Project title: “The use of laboratory techniques in the cultivation of stem cells for specialized cells used in the treatment of different diseases”.

Research team: The research is in collaboration with other five staff members of Pathology and Clinical Pathology Departments, Faculty of Medicine, Tanta University.

Research fund: 100,000 LE provided by Tanta University

Approval date: January 2013

Theses of Master and PhD (Discussed and Granted)

1. “Kidney injury molecule-1 in type 2 diabetic patients with and without nephropathy”, Biochemistry Department, Faculty of Pharmacy (Girls), Al-Azhar University, November 2015
2. “Effect of some immunomodulating drugs on generation and differentiation of dendritic cells from human peripheral blood monocytes”, Department of Biochemistry, Faculty of Pharmacy, Tanta University, September 2015
3. “Impact of culture duration on the quantity and quality of hepatocytes derived from umbilical cord stem cells”, Biochemistry Department, Faculty of Pharmacy, Tanta University, July 2015
4. “Effect of an angiotensin II antagonist and an HMG-CoA reductase inhibitor on hepatic fibrosis in rats”, Biochemistry Department, Faculty of Pharmacy, Tanta University, September 2014
5. "Biochemical study on the effect of the quantity and source of caloric intake on tumor progression in mice", Biochemistry Department, Faculty of Pharmacy, Tanta University, April 2014
6. “Endoscopic injection sclerotherapy versus endoscopic band ligation in the treatment of acute variceal bleeding for patients with hepatocellular carcinoma on top of liver cirrhosis due to hepatitis C virus infection”, Internal Medicine Department, Faculty of Medicine, Tanta University, Jan 2014
7. “Effect of L-carnitine in patients with breast cancer under treatment by tamoxifen”, Biochemistry Department, Faculty of Pharmacy, Tanta University, October 2013
8. "Clinical and biochemical evaluation of the novel therapy of diabetes mellitus by the dipeptidyl peptidase-4 inhibitor; vildagliptin", Clinical Pharmacy Department, Faculty of Pharmacy, Tanta University, April 2013
9. “Comparative study of paraoxonase and cholinesterase enzyme activities in diagnosis of organophosphorus insecticide intoxication”, Department of Forensic Medicine and Clinical Toxicology, Faculty of Medicine, Tanta University, March 2013
10. “Evaluation of oxidative stress and DNA damage in cement and tannery workers exposed to chromium”, Department of Forensic Medicine and Clinical Toxicology, Faculty of Medicine, Tanta University, March 2013

11. "Role of peroxisome-proliferators-activated receptors and some nonsteroidal anti-inflammatory drugs in treatment of muscle inflammation in rats", Biochemistry Department, Faculty of Pharmacy, Tanta University, December **2012**
12. "Role of insulin resistance in pathogenesis of skin tags", Department of Dermatology and Venereology, Faculty of Medicine, Tanta University, **2011**
13. "A biochemical study on the effect of some treatments on bone resorption and formation in osteoporotic rats", Biochemistry Department, Faculty of Pharmacy, Tanta University, June **2011**
14. "Effect of some currently used anti-inflammatory drugs on hepatic peroxisomal enzymes of rats", Biochemistry Department, Faculty of Pharmacy, Tanta University, **2011**
15. "Biochemical effects of some peroxisome proliferators activated receptor ligands in rats with hyperhomocysteinemia", Biochemistry Department, Faculty of Pharmacy, Tanta University, **2009**
16. "Effect of combined intrathecal morphine and clonidine on stress response, extubation time and postoperative analgesia after cardiac surgery", Department of Anaesthesia, Faculty of Medicine, Tanta University, **2008**
17. "Antitumor efficacy of a novel ruthenium complex, ruthenium-bipyridyl-benzaldehyde, in mice bearing Ehrlich ascites carcinoma", Biochemistry Department, Faculty of Pharmacy, Tanta University, **2008**
18. "Monitoring of some biochemical changes during hypoxia and reoxygenation in rats", Biochemistry Department, Faculty of Pharmacy, Tanta University, **2007**
19. "A biochemical study on the effect of L-carnitine and pyruvate on body weight, fat and carbohydrate metabolism and mitochondrial activity of obese rats", Biochemistry Department, Faculty of Pharmacy, Tanta University, **2006**
20. "Study of some apoptotic markers in acute lymphoblastic leukemia in children", Clinical Pharmacy Department, Faculty of Pharmacy, Tanta University, **2006**
21. "A study of oxidant/antioxidant status in COPD patients before and after inhaled combined therapy with corticosteroids and long acting β_2 -agonists", Department of Chest Diseases, Faculty of Medicine, Tanta University, **2006**
22. "An experimental study of malathion-induced hepatotoxicity and the possible protective effect of ginger", Department of Forensic Medicine and Clinical Toxicology, Faculty of Medicine, Tanta University, **2006**
23. "Significance of the circulating levels of brain natriuretic peptide in diagnosis and management of congestive heart failure", Biochemistry Department, Faculty of Pharmacy, Tanta University, **2005**
24. "Comparative study of the effect of an angiotensin-converting enzyme inhibitor, angiotensin-II antagonist and a calcium channel blocker on endothelial dysfunction in hypertensive patients", Clinical Pharmacy Department, Faculty of Pharmacy, Tanta University, **2004**
25. "A clinical study of the use of Aspirin as adjuvant therapy in diabetic patients treated with sulfonylurea drugs", Clinical Pharmacy Department, Faculty of Pharmacy, Tanta University, **2002**

26. "Comparative clinical study on the effect of angiotensin-converting enzyme inhibitors and antioxidants on the patients with diabetic nephropathy", Clinical Pharmacy Department, Faculty of Pharmacy, Tanta University, **2002**
27. "Erythrocyte Na/K ATPase activity in diabetic patients: relation to C-peptide level", Clinical Pathology Department, Faculty of Medicine, Tanta University, **2002**
28. "A biochemical study on the effect of some antioxidants on the anti-inflammatory action of some currently used non-steroidal anti-inflammatory drugs (NSAIDs)", Biochemistry Department, Faculty of Pharmacy, Tanta University, **2001**

Theses of Master and PhD (Still in Progress)

29. "Prospective study of the effect of pioglitazone *versus* metformin on liver fat and insulin sensitivity in patients with non-alcoholic fatty liver disease", Clinical Pharmacy Department, Faculty of Pharmacy, Tanta University
30. "Adrenomedullin in type 2 diabetic patients with and without nephropathy", Biochemistry Department, Faculty of Pharmacy (Girls), Al-Azhar University
31. "New strategies for intervention of development of nephrolithiasis in rats", Department of Biochemistry, Faculty of Pharmacy, Tanta University
32. "Effect of human umbilical cord blood-derived mononuclear cells on diabetic nephropathy in rats", Department of Biochemistry, Faculty of Pharmacy, Tanta University
33. "Effect of adjuvant therapy in doxorubicin-treated mammary carcinoma in mice", Department of Biochemistry, Faculty of Pharmacy, Tanta University
34. "Garlic and nebivolol as gastroprotective agents in experimental rats", Department of Biochemistry, Faculty of Pharmacy, Tanta University
35. "Protective effect of ferulic acid and fish oil against gentamicin-induced nephrotoxicity in rats", Department of Biochemistry, Faculty of Pharmacy, Tanta University
36. "Role of roflumilast and glabridin in experimentally-induced ulcerative colitis in rats", Department of Biochemistry, Faculty of Pharmacy, Tanta University
37. "Protective effect of lycopene and captopril in rats with acute pancreatitis", Department of Biochemistry, Faculty of Pharmacy, Tanta University
38. "Effect of pomegranate component and sorafenib on liver neoplastic changes in rats", Department of Biochemistry, Faculty of Pharmacy, Tanta University
39. "Experimental study on the role of omega-3 fatty acids and atorvastatin in bladder cancer", Department of Biochemistry, Faculty of Pharmacy, Tanta University
40. "Mechanism of action of proanthocyanidin as hypoglycemic agent in diabetic rats", Department of Biochemistry, Faculty of Pharmacy, Tanta University
41. "Study of the molecular mechanisms of the pro-apoptotic effect of silymarin in rats with induced benign prostatic hyperplasia", Department of Biochemistry, Faculty of Pharmacy, Tanta University
42. "Role of soy protein in correcting metabolic disorders induced in rats fed high fructose diet", Department of Biochemistry, Faculty of Pharmacy, Tanta University

43. "Soluble urokinase plasminogen activator receptor and interleukin 6 as new biomarkers for diagnosis of coronary artery diseases", Department of Biochemistry, Faculty of Pharmacy, Tanta University
44. "Biochemical mechanisms by which dietary whey protein combats type 2 diabetes", Department of Biochemistry, Faculty of Pharmacy, Tanta University
45. "Evaluation of efficacy of long acting erythropoietin versus short acting erythropoietin in treatment of anemia in patients under hemodialysis", Department of Biochemistry, Faculty of Pharmacy, Tanta University
46. "Dendritic vaccine as an immunotherapy strategy for hepatocellular carcinoma", Department of Biochemistry, Faculty of Pharmacy, Tanta University
47. "Study of the effect of *Gymnema sylvestre* leaves extract on glucose absorption and insulin production in rats with type II diabetes", Department of Biochemistry, Faculty of Pharmacy, Tanta University
48. "Study of cytotoxicity of doxorubicin- and thymoquinone-loaded nanoparticles in experimentally induced breast cancer in mice", Department of Biochemistry, Faculty of Pharmacy, Tanta University
49. "Cytokine-induced killer cells as an adoptive cellular immunotherapy strategy for hepatocellular carcinoma", Department of Biochemistry, Faculty of Pharmacy, Tanta University
50. "Evaluation of antirheumatic effect of soy protein and tumor necrosis factor inhibitor in rats", Department of Biochemistry, Faculty of Pharmacy, Tanta University
51. "Lactobacillus rhamnosus GG as a new strategy for protection against nonalcoholic fatty liver disease in mice", Department of Biochemistry, Faculty of Pharmacy, Tanta University
52. "In vitro study on the role of metadherin gene in aggravating colorectal cancer", Department of Biochemistry, Faculty of Pharmacy, Tanta University
53. "Role of dendritic cells vaccine pulsed with cancer stem cells in experimental breast cancer", Department of Biochemistry, Faculty of Pharmacy, Tanta University
54. "Molecular study of obesity-associated inflammation and the possible protective role of flurbiprofen and docosahexanoic acid", Department of Biochemistry, Faculty of Pharmacy, Tanta University

Workshops & Training Courses

1. "Real time RT-PCR", Tanta Faculty of Pharmacy, **2016**.
2. "Exam construction and students' evaluation", **2014**
3. "Activation of electronic courses", **2013**.
4. "Proposal writing post docs", DAAD KairoAkademie, **2012**.
5. "Stem cells: preparation and applications", **2012**.
6. "National academic reference standards (NARS) and course specifications", **2011**.
7. "Learning Outcomes and Curriculum Maps for Higher Education Institutions", National Authority for Quality Assurance and Accreditation of Education (NAQAAE), **2010**.

8. "Condensed Workshop for External Reviewers for Higher Education Institutions", National Authority for Quality Assurance and Accreditation of Education (NAQAAE), **2010**.
9. "E-learning", Tanta Faculty of Pharmacy, **2010**.
10. "Internal Auditing", Tanta Faculty of Pharmacy, **2010**.
11. "Lab Safety", Tanta Faculty of Pharmacy, **2010**.
12. "Academic Guiding", Tanta Faculty of Pharmacy, **2010**.
13. "Intellectual Rights", Tanta Faculty of Pharmacy, **2010**.
14. "Interactive Board as a Means of Technology in Teaching", Tanta Faculty of Pharmacy, **2010**.
15. "Exam Construction and Evaluation", Tanta Faculty of Pharmacy, **2010**.
16. "Preparing the report of the external reviewing about the site/accreditation visit", NAQAAE, **2010**.
17. "Site Visit Model for Internal Monitoring of University Faculties Regarding Internal Quality Assurance", Tanta Quality Assurance Center, **2009**.
18. "Strategic Planning", Faculty of Dentistry, Tanta University, **2009**.
19. "Institutional Self-Evaluation for Higher Education", National Authority for Quality Assurance and Accreditation of Education (NAQAAE), **2009**.
20. "External Review for Higher Education Institutions", National Authority for Quality Assurance and Accreditation of Education (NAQAAE), **2009**.
21. "The Clinical Applications for Tandem Mass Spectrometry". Faculty of Pharmacy, Tanta University, April **2009**.
22. Management of Time and Meetings, Tanta FLDP Center, **2008**.
23. "MS-Expression Program for e-content", Tanta FLDP Center, **2008**.
24. "Preparatory TOT Program", Tanta FLDP Center, **2008**.
25. "Supplementary TOT Program", Tanta FLDP Center, **2008**.
26. "Preparation of Peer-Reviewers", Tanta Quality Assurance Center, **2008**.
27. Credit Hours System, Tanta FLDP Center, **2007**.
28. Effective Presentation Skills, Tanta FLDP Center, **2006**.
29. Scientific Research Management, Tanta FLDP Center, **2006**.
30. Course and Curriculum Design, Tanta FLDP Center, **2006**.
31. Quality Assurance and Accreditation, Tanta FLDP Center, **2006**.
32. "Principles of Biotechnology Techniques & Applications", Academy of Scientific Research & Technology, Cairo, Egypt, **2006**.
33. "Development of Higher and Pre-Higher Education". Academy of Scientific Research & Technology, Cairo, Egypt, March **2005**.
34. Decision Making and Problem Solving, Tanta FLDP Center, **2005**.
35. Recent Trends of Teaching, Tanta FLDP Center, **2005**.
36. Use of Information Technology in Teaching, Tanta FLDP Center, **2005**.
37. Legal Aspects in the University, Tanta FLDP Center, **2005**.
38. Professional Ethics in University, Tanta FLDP Center, **2005**.
39. Development of Intellectual Skills, Tanta FLDP Center, **2005**.
40. "Methods of Enzymes & Proteins Purification", Institute of Graduate Studies & Research, University of Alexandria, Egypt, **2004**.

41. "Molecular Diagnosis of Diseases", Institute of Graduate Studies & Research, University of Alexandria, Egypt, **2003**.
42. "New Era of Biotechnology in Pharmaceutical Industries", Genetic Engineering & Biotechnology Research Institute, Mubarak City for Scientific Research and Technology Applications, Alexandria, Egypt, September **2003**.
43. "Apoptosis", Department of Microbiology and Immunology, Faculty of Medicine, Mansoura University, Egypt, **1999**.
44. "Molecular Biology", Institute of Graduate Studies & Research, University of Alexandria, Egypt, **1997**.

List of Publications

1. Abdelkawy K, Ibrahim M, **El-Ashmawy NE**, Elsis A and Habib A: Cardiovascular risk factors among Egyptian university students with relation to residence. *Int J Clin Pract*; 70(1): 91-93, **2016**.
2. **El-Ashmawy NE**, El-Zamarany EA, Salem ML, El-Bahrawy HA and Al-Ashmawy GM: In vitro and in vivo studies of the immunomodulatory effect of *Echinacea purpurea* on dendritic cells. *Journal of Genetic Engineering and Biotechnology*; 13(2): 185-192, **2015**.
3. El-Zamarany EA, **El-Ashmawy NE**, Salem ML, El-Bahrawy HA and Al-Ashmawy GM: Effect of dexamethasone on phenotyping of dendritic cells: In vitro and in vivo study. *Science, Technology and Development*; 34(2): 74-81, **2015**.
4. **El-Ashmawy NE**, El-Bahrawy HA, Shamloula MM and Ibrahim AO: Antifibrotic effect of AT-1 blocker and statin in rats with hepatic fibrosis. *Clinical and Experimental Pharmacology and Physiology*; 42: 979-987, **2015**.
5. **El-Ashmawy NE**, El-Zamarany EA, Khedr NF, Abd El-Fattah AI and El-Toukhy SA: Kidney injury molecule-1 (Kim-1): an early biomarker for nephropathy in type II diabetic patients. *Int J Diabetes Dev Ctries*; pp 1-8, **2015**. DOI 10.1007/s13410-015-0403-3.
6. El-Zamarany EA, **El-Ashmawy NE**, El-Bahrawy HA and Abo-Sif MA: Impact of culture duration on the quantity and quality of hepatocytes derived from umbilical cord mesenchymal stem cells. *Journal of International Academic Research for Multidisciplinary*; 3(5): 1-17, **2015**.
7. Elhosery N, Maklad A, Soliman E, **El-Ashmawy NE** and Oreby M: Evaluation of oxidative stress and DNA damage in cement and tannery workers in Egypt. *InhalToxicol*; 26(5): 289-298, **2014**. DOI: 10.3109/08958378.2014.885100.
8. **El-Ashmawy NE** and Khalil RM: A review on the role of L-carnitine in the management of tamoxifen side effects in treated breast cancer women. *Tumor Biol*; 35(4): 2845-2855, **2014**. DOI 10.1007/s13277-013-1477-5.
9. El-Bahrawy HA, **El-Ashmawy NE**, Shamloula MM and El-Feky OA: Diet intake imbalance: Risk factor for hepatocellular carcinoma. *Int J Biol*; 6(2): 104-119, **2014**.
10. **El-Ashmawy NE**, El-Bahrawy HA, Shamloula MM and El-Feky OA: Some biochemical and metabolic changes associated with hepatocellular carcinoma in mice. *Tumor Biol*; 35(6):5459-5466, **2014**. DOI: 10.1007/s13277-014-1714-6.

11. Abdelhady S, **El-Ashmawy NE**, El-Bahrawy H and Fouad H: Cyclooxygenase-independent mechanism of NSAIDs. *Am J PharmTech Res*; 4(1): 453-468, **2014**.
12. Al-Ashmawy GM, El-Bahrawy HA and **El-Ashmawy NE**: Biochemical effects of some peroxisome proliferators activated receptor ligands in hyperhomocysteinemic rats. *J Applied Pharmaceutical Science*; 3(9): 36-42, **2013**.
13. Khalil RM, Darwish H, **El-Ashmawy NE** and El-Bahrawy HA: L-carnitine ameliorates tamoxifen-associated adverse effects in breast cancer women. *Int J Cancer Res*; 47(2): 1149-1157, **2013**.
14. Khalil RM, **El-Ashmawy NE**, El-Bahrawy HA and Darwish H: L-carnitine supplement to tamoxifen-treated breast cancer patients: Protection against cardiovascular risk. (IJMMS) *Int J Medicine & Medical Sci*; 46(2): 1245-1254, **2013**.
15. Khalil RM, El-Bahrawy HA, **El-Ashmawy NE** and Darwish H: L-carnitine decreases Her-2/neu in breast cancer patients treated with tamoxifen. *IOSR J Pharm BiolSci (IOSR-JPBS)*; 5(2): 91-98, **2013**.
16. El-Gohary M, **El-Ashmawy NE**, El-Kelany R, Abo El-Fadl A and El-Sarnagawy G: Comparative study of paraoxonase and cholinesterase enzyme activities in diagnosis of organophosphorus insecticide intoxication. *Ain Shams J Forensic Med ClinToxicol*; 21: 1-11, **2013**.
17. Hegazy SK and **El-Ashmawy NE**: Leptin and C-reactive protein are implicated in the pathogenesis of skin tags. *J Diabet Res Clin Metab (JDRCM)*; 2:1-5, **2013**.
18. Khedr NF, **El-Ashmawy NE**, El-Bahrawy HA, Haggag AA and Elabd E: Modulation of bone turnover in orchidectomized rats treated with raloxifene and risedronate. *Fund Clin Pharmacol*; 27(5): 526-534, **2013**.
19. Ebeid AM, **El-Ashmawy NE**, El-Zamarany EA, Gabre M and El-Haggag SM: Concomitant treatment of Type 2 diabetics with dipeptidyl peptidase-4 inhibitor and metformin increases insulin sensitivity. *Int Res J of Pharmaceuticals*; 2(5): 133-142, **2012**.
20. Abdelhady S, **El-Ashmawy NE**, El-Bahrawy H and Fouad H: Gene expression of PPARs is upregulated by NSAIDs and correlates with COX-2 suppression in inflamed-rat muscle. *Int Org Sci Res-J Pharm Biol Sci*; 3(3): 25-34, **2012**.
21. **El-Ashmawy NE**, Hegazy SA, El-Kholy MG and El-Emery FA: Chronic obstructive pulmonary disease: Role of oxidative stress and apoptosis. *Arab J Lab Med*; 35(2): 233-248, **2009**.
22. **El-Ashmawy NE**, El-Bahrawy HA, Haggag AA, Ghoraba H and Arafa AA: Cyclooxygenase-2 inhibitors are peroxisomal proliferators in rats. 1st International Pharmaceutical Sciences Conference, Faculty of Pharmacy, Tanta, Egypt, **2009**.
23. Ibrahim OM, **El-Ashmawy NE**, Sidhom IA and El-Khodary NM: Apoptosis as a therapeutic strategy for acute lymphoblastic leukemia. *Arab J Lab Med*; 34(3): 367-382, **2008**.
24. **El-Ashmawy NE**, Heshmat MM, El-Beshlawy NF and El-Ebiary AA: Ginger increases liver glutathione antioxidant system and protects against malathion toxicity. The Annual Scientific International Conference of ESBMB, Cairo, Egypt, **2008**.

25. Hegazy SA and **El-Ashmawy NE**: Study of the protective effect of alpha lipoic acid in cadmium-induced hepatotoxicity. *Egypt J Biomed Sci*; 28: 74-84, **2008**.
26. Soliman EM, Hassan NA, **El-Ashmawy NE** and Zoair MM: Upregulation of Bcl-2 gene expression by 17 β -estradiol prevents ovotoxicity of 4-vinylcyclohexene diepoxide (VCD) in female rats. *EJBMB: Proceeding of the 7th National Conference of Biochem. & Mol. Biol.*, 107-127, **2006**.
27. **El-Ashmawy NE**, Fathalla AF and Hawas S: Antiinflammatory mechanisms of the antileukotriene montelukast in treatment of asthma: Possible effect on nuclear factor- κ B. *Arab J Lab Med*; 32(3): 311-326, **2006**.
28. Haggag AA, El-Bahrawy HA, **El-Ashmawy NE** and Khedr EG: A biochemical study on cardiac adaptation to acute hypoxia in rats. *EJBMB*; 24: 603-622, **2006**.
29. **El-Ashmawy NE**, El-Bindary EM and El-Shitany NA: Cigarette smoking aggravates peptic ulcer in rats: Effect on polyamine synthesis. *EJBMB*; 24 (Special Issue): 490-504, **2006**.
30. **El-Ashmawy NE**, El-Zamarany E, Ibrahim O, Enaba M and Rowisha M: Proangiogenic cytokines, angiogenesis inhibitor endostatin and matrix metalloproteinase-9 in non-Hodgkin's lymphoma. *Egypt J Biomed Sci*; 17: 141-157, **2005**.
31. El-Bahrawy HA, **El-Ashmawy NE**, Abo-Hashem EM, El-Kannishy GM and Houssen ME: Significance of circulating levels of N-terminal pro-brain natriuretic peptide and cyclic guanosine monophosphate as prognostic markers of congestive heart failure. *Arab J Lab Med*; 31(2): 211-225, **2005**.
32. El-Zamarany E, **El-Ashmawy NE**, El-Bindary EM and Enaba M: Alterations in the activity of some lysosomal glycosidases and Na/K-ATPase in Type 1 diabetes mellitus: Relationship to serum C-peptide and glycemic control, and a possible role in diabetic complications. *Egypt J Biochem Mol Biol*; 23: 485-500, **2005**.
33. El-Bahrawy HA, **El-Ashmawy NE**, Abu El-Maati T, El-Matwally A and Khalil RM: Antitumor efficacy of a novel ruthenium complex, ruthenium-bipyridyl-benzaldehyde, in mice bearing Ehrlich ascites carcinoma. *Egypt J Biochem Mol Biol*; 23: 542-559, **2005**.
34. **El-Ashmawy NE**, El-Bahrawy HA, Haggag AA and Fathy N: Effect of diet regimen and some dietary supplements on body weight and some energy-linked metabolic processes in obese rats. *Egypt J Biochem Mol Biol*; 23: 560-583, **2005**.
35. **El-Ashmawy NE**, El-Azab GA, El-Bassiouni EA, El-Shiekh MR and Hussin IE: Microalbuminuria in non-insulin dependent diabetes mellitus: Role of oxidative stress and effect of treatment with angiotensin-converting enzyme inhibitor and antioxidants. *Egypt J Biochem Mol Biol*; 22: 150-170, **2004**.
36. **El-Ashmawy NE**, El-Bahrawy HA, Haggag AA and Abd El-Moneim FF: Comparative study of the hepatoprotective effect of propolis versus colchicine in chemically-induced liver cirrhosis. *Egypt J Biochem Mol Biol: Proceeding of the 6th National Conference of Biochem. & Mol. Biol.*, 125-142, **2004**.
37. Nassar S, **El-Ashmawy NE**, El-Sawy S, Attia M and El-Hassaneen Y: Effect of aging and hormonal replacement therapy on rat testis: Links with apoptosis,

- mitochondrial function and oxidative stress. *Egypt J Androl Reprod*; 17(1): 53-66, **2003**.
38. **El-Ashmawy NE**, El-Moselhy TF and Nasr AA: Determination of lipid peroxidation and antioxidant enzymes in systemic lupus erythematosus patients. *Bull Fac Pharm Cairo Univ*; 41(2): 235-244, **2003**.
 39. Ibrahim OM, **El-Ashmawy NE**, Shehab El-Dean MB and Dawood NA: Endothelial dysfunction in essential hypertension: Role of angiotensin-converting enzyme inhibitor, angiotensin-II receptor blocker, and calcium channel blocker. *Bull Egypt Soc Physiol Sci*; 23(2): 120-145, **2003**.
 40. Nasr AA, El-Mongy S, Nassar S, Salem HA and **El-Ashmawy NE**: Fas-ligand expression and nitric oxide in systemic lupus erythematosus. *Egypt J Immunol*; 9 (2): 1-11, **2002**.
 41. El-Dardiry SA, **El-Ashmawy NE**, Abouelnaja K, Abd El-Moneim F and Abu Freikha A: Hepatoprotective effect of dimethyl diphenyl bicarboxylate (DDB) in oral contraceptive pill users with minor hepatobiliary disorders. *Egypt J Biochem Mol Biol: Proceeding of the 5th National Conference of Biochem. & Mol. Biol.*, 31-47, **2002**.
 42. Ibrahim OM, El-Azab GA, **El-Ashmawy NE**, Ayad NM and El-Serafy HM: Aspirin as adjuvant therapy for diabetic patients treated with glimepiride: Pharmacokinetic study. The 28th Conference of Pharm. Sci., Cairo, Egypt, **2002**.
 43. **El-Ashmawy NE**, El-Bindary EM, El-Sawy SA and Attia MM: Effect of zinc deficiency and zinc repletion on thyroid gland of male albino rats. *Egypt J Biomed Sci*; 10: 263-275, **2002**.
 44. Abd El-Samad Z, Nassar SO, Gamae MM, **El-Ashmawy NE** and Sallam FA: Evaluation of matrix metalloproteinase (MMP-9) in Lichen planus before and after treatment with low molecular weight heparin (enoxaparin). *Egypt J DermAndrol*; 21(1): 49-56, **2001**.
 45. Awara WM, **El-Ashmawy NE**, Nassar SO and Talaat SM: Fas signaling system mediates cadmium-induced testicular apoptosis in rats: The possible protective role of selenium. *Egypt J Biotech*; 10: 116-132, **2001**.
 46. El-Kholy R, **El-Ashmawy NE** and El-Moselhy TF: Garlic and black seed would protect against cardiac glycosides toxicity of Nerium oleander: Effect on some vasoactive substances. *Egypt J Biomed Sci*; 7: 17-26, **2001**.
 47. Hassan SA, El-Sheikh TF, **El-Ashmawy NE**, Asal FE and Rewisha E: Evaluation of the use of multiparameter assays for screening hepatocellular carcinoma in hepatitis C cirrhotic patients. *Bull Egypt Soc Physiol Sci*; 20(1): 278-297, **2000**.
 48. El-Mahdy NA, El-Masry TA, **El-Ashmawy NE** and Farag-Alla MA: Hepatoprotective effect of silymarin in rifampin-isoniazid combined therapy in rats. *J Egypt Soc Pharmacol Exp Ther*; 19(2): 435-451, **2000**.
 49. Haggag AA, El-Bahrawy HA, **El-Ashmawy NE** and Khedr EG: Modulation of oxidant status by diclofenac and tolmetin sodium as mono or combined therapy with vitamin C or E in experimentally-induced inflammation. *Alex J Pharm Sci*; 14(2): 141-145, **2000**.

50. **El-Ashmawy NE**, El-Bindary EM, El-Masry TA, El-Sisi AE and Abd El-Moneim FF: Effect of dimethyl- 4,4'-dimethoxy-5,6,5',6'-dimethylene dioxybiphenyl-2,2'-bicarboxylate (DDB) on bile flow, biliary lipid composition and some liver enzymes in ethinyl estradiol-induced cholestasis in dogs. *Egypt J Biochem Mol Biol*; 18(2): 185-199, **2000**.
51. Haggag AA, El-Bahrawy HA, **El-Ashmawy NE** and Khedr EG: A biochemical study on the antiinflammatory and antioxidant activities of some currently used nonsteroidal anti-inflammatory drugs and vitamins (C & E). *Egypt J Biochem Mol Biol*; 18(2): 229-244, **2000**.
52. Haggag AA, **El-Ashmawy NE**, El-Emery F, AbouKamar A and El-Azab GA: Interleukin-2 and interleukin-10 release and gene expression in bronchoalveolar lavage and peripheral blood of asthmatics. *Egypt J Biochem Mol Biol*; 18(2): 299-316, **2000**.
53. **El-Ashmawy NE**, Nasr AA, Wafa EW and Sally S: Angiotensin converting enzyme gene polymorphism in glomerulonephritis. *Tanta Med J*; 27(1): 741-766, **1999**.
54. Abo-Farrag M, Erfan A, Awany M, Zoair A, Amin O, El-Azab GA and **El-Ashmawy NE**: TH1/TH2 balance in children with juvenile rheumatoid arthritis. *Egypt J Biomed Sci*; 4: 141-153, **1999**.
55. Nasra MA, El-Azab GA, Zahra MK, Tolba O, **El-Ashmawy NE** and Moustafa TA: Immunological changes and role of free radicals in rheumatic fever. *Egypt J Biomed Sci*; 4: 154-167, **1999**.
56. El-Nashar EM, **El-Ashmawy NE**, Abd El-Moneim MM and Abou El-Enine A: Mechanistic study on the role of nicotinamide in diabetes induced experimentally: Histological and biochemical approach. *Egypt J Med Sci*; 20(2): 307-322, **1999**.
57. El-Bindary EM, **El-Ashmawy NE** and Mashhoor HA: Effect of dietary curcumin on lead neurotoxicity in rats. *Tanta Med J*; 26(Suppl.): 611-630, **1998**.
58. El-Kholy R, El-Lekawy MM, **El-Ashmawy NE** and Shafaey A: Hepatic ischaemia/reperfusion injury: Effect of intermittent versus continuous hepatic pedicle clamping (Experimental study). *Benha Med J*; 15(3): 377-391, **1998**.
59. Haggag AA, Nasra MA and **El-Ashmawy NE**: Mode of action of nonsteroidal antiinflammatory drugs (NSAIDs). The 26th Conference of Pharm. Sci., Cairo, Egypt, **1998**.
60. Haggag AA, Mohamed HF, El-Dawy MA, Ghoraba H and **El-Ashmawy NE**: A histo-biochemical study on the diabetogenic action of bromocriptine. *Med Sci Res*; 18: 493-496, **1990**.
-