

CURRICULUM VITAE

NAME: Ashraf B. Abdel-Naim

PRESENT POSITION AND ADDRESS

Professor of Pharmacology and Toxicology

Faculty of Pharmacy, King Abdul Aziz University, Jeddah, KSA

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BIOGRAPHICAL BACKGROUND

Sex: Male

Date of Birth: January 1, 1962

Place of Birth: Giza, Egypt

Home Address: 2 Nasr Ben Mozahem, Fayhaa 2, Jeddah, KSA

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Citizenship: Egyptian

Status: Married

EDUCATION

- 1984: B. S. Pharmaceutical Sciences, Cairo University, Egypt
- 1987: Diploma of Drug Analysis and Bioassay, Al-Azhar University, Cairo, Egypt
- 1990: M. S. Pharmacology, Al-Azhar University, Cairo, Egypt. Title: Pharmacological studies on the Effect of Some Novel Agents on Ethanol-Induced Peptic Ulcer
- 1995: Ph. D. Pharmacology, Al-Azhar University and the University of Texas Medical Branch, Galveston, Texas, USA (under the channel system and joint supervision scheme). Title: Studies on the mechanism of testicular toxicity induced by acrylonitrile

OCCUPATIONAL BACKGROUND:

- September 2005 – Present: Professor of Pharmacology and Toxicology, Faculty of Pharmacy, King Abdul Aziz University, Jeddah, KSA
- 2001 – August 2005: Acting Head and Associate Professor of Pharmacology and Toxicology, Department of Pharmacology and Toxicology, Faculty of Pharmacy, Ain Shams University
- 2000 – 2001: Lecturer of Pharmacology and Toxicology, Department of Pharmacology and Toxicology, Faculty of Pharmacy, Ain Shams University
- 1995 - 2000: Lecturer of Pharmacology and Toxicology, Department of Pharmacology and Toxicology, Faculty of Pharmacy, Al-Azhar University
- 1992 - 1994: Visiting Scientist, Environmental Toxicology Unit, Department of Pathology, University of Texas Medical Branch, Galveston, Texas, USA

- 1990 - 1992: Assistant Lecturer of Pharmacology and Toxicology, Department of Pharmacology and Toxicology, Faculty of Pharmacy, Al-Azhar University
- 1986 - 1990: Demonstrator of Pharmacology and Toxicology Department of Pharmacology and Toxicology, Faculty of Pharmacy, Al-Azhar University

RESEARCH INTEREST

- Bioactivation and mechanisms of chemically-induced toxicity
- Oxidative stress-mediated cellular injury and protective antioxidant mechanisms
- Susceptibility to drugs and chemical toxicity

SCIENTIFIC MEMBERSHIP

- The Egyptian Society of Pharmacology and Experimental Therapeutics
- The Egyptian Society of Toxicology
- The Egyptian Society of Clinical Chemistry
- The International Federation of Clinical Chemistry

HONOURS

- 1992 - 1994: Scientific Mission to the University of Texas Medical Branch, Galveston, Texas, USA; Awarded by the Egyptian Ministry of High Education and Supported by the Egyptian Government According to the Channel System and Joint Supervision Scheme
- 2002 – 2005: President of the Experiments and Advanced Pharmaceutical Research Unit (EAPRU), Faculty of Pharmacy, Ain Shams University.

- 2003: Winning Ain Sham University Research grant to support the proposal entitled “Studies on nitriles-induced toxicity” as the principal investigator
- 2004: Winning Cairo University Research grant to support the proposal entitled “Evaluation of some Egyptian plants for potential hepatoprotective activity” as a co-investigator.
- 2004: Post-Doctoral Scientific Mission to the Department of Pharmacology, University of Nebraska Medical Center (UNMC), Omaha, Nebraska, USA.

CONFERENCE PARTICIPATION AND ATTENDENCE

- 33rd Annual Meeting of the Society of Toxicology (SOT), 1994, TX, USA.
- Al-Azhar First International Conference on Recent Advances in Pharmaceutical Technology and Biological Sciences, 1995, Cairo.
- 3rd Congress on Toxicology in the Developing Countries, 1995, Cairo.
- 35th European Congress of Toxicology (EUROTOX’ 96), Alicante, Spain.
- The 41st Scientific Meeting (International Congress) of the Egyptian Society of Clinical Chemistry, Cairo, 1996.
- The 43rd Scientific Meeting (International Congress) of the Egyptian Society of Clinical Chemistry, Cairo, 1997.
- The Annual Scientific Conference of the Egyptian Society of Toxicology, 1998, Cairo (*One of the organizing committee*).
- The 3rd Scientific Meeting of the Egyptian Hypertension Society, 1998, Port Said, Egypt.

- The 45th Scientific Meeting (International Congress) of the Egyptian Society of Clinical Chemistry, 1998, Cairo.
- The Annual Scientific Meeting of the Arab Council for Graduate Studies and Scientific Research, 1998, Cairo.
- The Joint International Conference of Egyptian Society of Pharmacology and Experimental Therapeutic, Union of African Societies of Pharmacology and Arab Union of Pharmacology, 1999, Cairo.
- The 46th Scientific Meeting (International Congress) of the Egyptian Society of Clinical Chemistry, 2000, Cairo
- The 23rd International Annual Ain Shams Medical Congress, 2000, Cairo
- The 2nd Conference of Al-Azhar Pharmaceutical and Biological Sciences, 2001, Cairo.
- The 47th Scientific Meeting (International Congress) of the Egyptian Society of Clinical Chemistry, 2001, Cairo.
- The 5th International Conference of Oncology, 2001, Sharm El-Sheikh
- The 1st Annual International Congress of the Medical Division, National Research Center, 2002, Giza
- The 48th Scientific Meeting (International Congress) of the Egyptian Society of Clinical Chemistry, 2002, Cairo.
- The 6th Scientific Congress of the Association of Colleges of Pharmacy in the Arab World, 2002, Ajman, United Arab Emarates.
- The 2nd Annual Scientific Conference, Mansoura University Student Hospital, 2003, Mansoura
- The 35th Scientific Congress of Liver and Gastrointestinal Diseases, September 2003, Tanta

- The 7th Delta Annual Symposium on Hepatology, Gastrointestinal Tract and Fever, August 2003, Tanta
- The 3rd Conference of Al-Azhar Pharmaceutical and Biological Sciences, 2003, Cairo.
- The 29th International Conference of the Pharmaceutical Sciences and the 8th Scientific Congress of the Association of Colleges of Pharmacy in the Arab World, 2004, Cairo
- Academic self assessment workshop, Academic Assessment Unit, King Abdul Aziz University, Jeddah, 2007
- Quality improvement at the institutional level, King Abdul Aziz University, Jeddah, 2007

TRAINING COURSES ATTENDANCE

- Laboratory Safety Rules, UTMB, Texas, USA, 1992
- Basic Radiation Safety in the Laboratory, UTMB, Texas, USA, 1992
- Computer Courses (Personal computing terminology, Introduction to DOS, Introduction to WordPerfect, WordPerfect Tables, Introduction to Windows, Introduction to Harvard graphics, Internet and Pharmacy, Practice on Microsoft Word, Microsoft PowerPoint, Microsoft Excel, Microsoft Access, Internet Explorer, GraphPad Prism and GraphPad InStat), UTMB, Texas, USA, 1992& Cairo, 1997-2001
- The Molecular Biology Workshop of the 3rd International Congress of the African Societies of Biochemistry and Molecular Biology, Cairo, 2000
- The Educational Cycle for preparing the University Teacher, Ain Shams University, Cairo, 2000

- Tissue Culture and its Applications, Faculty of Medicine, Al-Azhar University, Cairo, 2002
- Managerial Skills, Ain Shams University, Cairo, 2004
- Communication skills, Center for Teaching and Learning Development, King Abdul Aziz University, Jeddah, 2006
- Preparing portfolio and Study guide, Center for Teaching and Learning Development, King Abdul Aziz University, Jeddah, 2006
- Advanced cycle in electronic education (EMES), King Abdul Aziz University, Jeddah, 2006
- Making use of research grants, Center for Teaching and Learning Development, King Abdul Aziz University, Jeddah, 2006
- Introduction in statistic and statistical analysis using SPSS software, Center for Teaching and Learning Development, King Abdul Aziz University, Jeddah, 2006
- First continuing pharmacy education, Faculty of Pharmacy, King Abdul Aziz University, Jeddah, 2007
- How to develop your indicators, Health Education Unit, King Abdul Aziz University, Jeddah, 2007
- Strategic improvement plan, Health Education Unit, King Abdul Aziz University, 2007
- Quality in medical course description: Colleges of Dentistry and Pharmacy as examples, Private College of Dentistry, Riyadh, 2007
- Third continuing pharmacy education, Faculty of Pharmacy, King Abdul Aziz University, Jeddah, April 1-3, 2008
- Innovation management. Total quality management program, Vice presidency for development, King Abdulaziz University, Jeddah, April 29, 2008

- Benchmarking and performance management. Total quality management program, Vice presidency for development, King Abdulaziz University, Jeddah, April 30, 2008

CO-SUPERVISION

- Studies on the bioactivation of some nitriles. Osama Abo-Salem, MSc Thesis, Pharmacology and Toxicology Department, Faculty of Pharmacy, Al-Azhar University (Approved in September 1998).
- An experimental study on a new anticancer drug. Nayera A. Abdel-Baky, MSc Thesis, Pharmacology and Toxicology Department, Faculty of Pharmacy, Al-Azhar University (Approved in December 1998).
- Pharmacological studies on the neuroprotective potential of curcumin against ischemia/reperfusion in rats. Aser I. Ghonaim, MSc Thesis, Pharmacology and Toxicology Department, Faculty of Pharmacy, Ain Shams University (Approved in March 2002).
- Studies on the effect of some chemicals on the testis: Transport of cationic and neutral amino acids into rat testis and their regulation by some cytokines. Hamdy A. Aly, PhD Thesis, Pharmacology and Toxicology Department, Faculty of Pharmacy, Al-Azhar University (Approved in July 2004).
- Studies on the anti-inflammatory activity of *Simmondsia chinensis*. Ramy. R. Habashy, MSc Thesis, Pharmacology and Toxicology Department, Faculty of Pharmacy, Ain Shams University (Approved in August 2004).
- Modulation of epirubicin cytotoxicity in human tumor cells. Samar S. Azab, MSc Thesis, Pharmacology and Toxicology Department, Faculty of Pharmacy, Ain Shams University (Approved in August 2004).

- Evaluation of single and combined effects of disease modifying antirheumatic drugs in collagen-induced rheumatoid arthritis animal model. Ahmed M. Al-Abd, MSc Thesis, Pharmacology and Toxicology Department, Faculty of Pharmacy, Ain Shams University (Approved in December 2004).
- Pharmacological studies on the effect of certain drug(s) on 3-nitropropionic acid-induced Huntington's disease in rats. Marian G. Tadros, MSc Thesis, Pharmacology and Toxicology Department, Faculty of Pharmacy, Ain Shams University (Approved in January 2005).
- Pharmacological studies on potential hepatoprotective effects of certain natural product(s). Amira A. Badar, MSc Thesis, Pharmacology and Toxicology Department, Faculty of Pharmacy, Ain Shams University.
- Evaluation of nitrile(s) toxicity in rat brain. Ahmed E. Abdel-Razek, MSc Thesis, Pharmacology and Toxicology Department, Faculty of Pharmacy, Ain Shams University.
- Studies on novel pathways for activation of nitrile(s). Sherry N. Tawfeek, MSc Thesis, Pharmacology and Toxicology Department, Faculty of Pharmacy, Ain Shams University.
- Modulation of chemosensitivity of doxorubicin by transcription regulation of MDR-1 gene. Samar S. Azab, PhD Thesis, Pharmacology and Toxicology Department, Faculty of Pharmacy, Ain Shams University.
- Protective effects of caffeic acid phenyl ester on tamoxifen-induced hepatotoxicity in rats, Ashwag A. Al-Bokhari, M. Sc. Thesis, Biochemistry Department, Faculty of Science, King Abdul Aziz University.

LIST OF PUBLICATIONS

1. Melatonin protects against hydrogen peroxide-induced gastric injury in rats. Mohamadin AM, Ashour OM, El-Sherbeny NA, Alahdal AM, Morsy GM, Abdel-Naim AB. Clin Exp Pharmacol Physiol. Oct 15. (2008) [Epub ahead of print].
2. 2-Methoxyestradiol reverses doxorubicin resistance in human breast tumor xenograft. Azab SS, Salama SA, Hassan MH, Khalifa AE, El-Demerdash E, Fouad H, Al-Hendy A, Abdel-Naim AB. Cancer Chemother Pharmacol. 62(5):893-902 (2008).
3. Dibromoacetonitrile-induced protein oxidation and inhibition of proteasomal activity in rat glioma cells. Ahmed AE, Jacob S, Nagy AA, Abdel-Naim AB. Toxicol Lett. 179(1):29-33 (2008).
4. 2-Methoxyestradiol and multidrug resistance: can 2-methoxyestradiol chemosensitize resistant breast cancer cells? Azab SS, Salama SA, Abdel-Naim AB, Khalifa AE, El-Demerdash E, Al-Hendy A. Breast Cancer Res Treat. [Epub ahead of print] (2008 Jan 29).
5. High-performance liquid chromatographic method for determination of phenytoin in rabbits receiving sildenafil. Khedr A, Moustafa M, Abdel-Naim AB, Alahdal A, Mosli H. Analytical Chemistry Insights 3: 61- 67 (2008).
6. Toxicity and oxidative stress of acrylonitrile in rat primary glial cells: preventive effects of N-acetylcysteine. Esmat A, El-Demerdash E, El-Mesallamy H, Abdel-Naim AB. Toxicol Lett 171(3):111-118 (2007).
7. Pharmacological and Toxicological screening of the potential hepatoprotective activity of some Egyptian plants. El-Tawill OS, Abdel-Naim AB, Ayoub NA. Egyptian Journal of Natural Toxins 3: 141-162 (2006).
8. Neuroprotective effect of taurine in 3-nitropropionic acid-induced experimental animal model of Huntington's disease phenotype. Tadros

- MG, Khalifa AE, Abdel-Naim AB, Arafa HM. Pharmacol Biochem Behav. 82(3):574-582 (2005).
9. Anti-inflammatory effects of jojoba liquid wax in experimental models. Habashy RR, Abdel-Naim AB, Khalifa AE, Al-Azizi MM. Pharmacol Res 51(2):95-105 (2005).
 10. Acrylonitrile-induced toxicity and oxidative stress in isolated rat colonocytes. Mohamadin AM, El-Demerdash E, El-Beshbishy HA, Abdel-Naim AB. Environ Toxicol Pharmacol 19(2): 371-377 (2005).
 11. Myeloperoxidase-catalyzed oxidation of chloroacetonitrile to cyanide. Abdel-Naim AB, Mohamadin AM. Toxicol Lett 146(3): 249-257 (2004).
 12. In vitro activation of dibromoacetonitrile to cyanide: role of xanthine oxidase. Mohamadin AM, Abdel-Naim AB. Arch Toxicol 77(2): 86-93 (2003).
 13. Polymorphic metabolizing genes and susceptibility to atherosclerosis among cigarette smokers. Salama SA, Au WW, Hunter GC, Sheahan RG, Badary OA, Abdel-Naim AB, Hamada FMA. Environ Mol Mutagen 40: 153 –160 (2002).
 14. Potential protective effect of melatonin against dibromoacetonitrile-induced oxidative stress in mouse stomach. Abdel-Wahab MH, Arafa HMM, El-Mahdy MA, Abdel-Naim AB. Pharmacol Res 46(3): 287-293. (2002).
 15. Protective effects of curcumin against ischaemia/reperfusion insult in rat forebrain. Ghoneim AI, Abdel-Naim AB, Khalifa AE, El-Denshary ES. Pharmacol Res 46(3): 273-279 (2002).
 16. Pharmacokinetic disposition of meloxicam in male rabbit plasma. Arafa HMM, Mansour AM, Abdel-Naim AB. Egypt J Biomed Sci 9:289-299 (2002).

17. Bromobenzene-induced cytotoxicity and oxidative stress in isolated rat hepatocytes. Mohamadin AM, Ali SS, El-Tawil OS, Abdel-Naim AB. J Egypt Soc Toxicol 27: 23-29 (2002).
18. Differential alteration of cisplatin cytotoxicity and myelotoxicity by the paclitaxel vehicle cremophor EL. Badary OA, Abdel-Naim AB, Khalifa AE, Hamada FMA. Arch Pharmacol 361: 339-344 (2000).
19. The influence of thymoquinone on doxorubicin-induced hyperlipidemic nephropathy in rats. Badary OA, Abdel-Naim AB, Abdel-Wahab MH, Hamada FMA. Toxicology 143: 219-226 (2000).
20. Role of xanthine oxidase in gastric damage induced by chloroacetonitrile in rats. Abdel-Naim AB, Mohamadin AM. J Egypt Soc Toxicol 22:19-25 (2000).
21. Chloroacetonitrile-induced oxidative stress and toxicity in rat gastric epithelial cells. Mohamadin AM, Abdel-Naim AB. Pharmacol Res 40 (4): 377-383 (1999).
22. Protective effects of vitamin E and probucol against gentamicin-induced nephrotoxicity. Abdel-Naim AB, Abd El-Wahab HM, Attia FF. Pharmacol Res 40(2): 183-187 (1999).
23. Renal bioactivation of acrylonitrile: in vitro studies. Mostafa AM, Abdel-Naim AB, Abo-Salem O, Abdel-Aziz AH, Hamada FMA. Pharmacol Res 40(2): 195-200 (1999).
24. Induction of oxidative stress in mouse stomach by dibromoacetonitrile. Abdel-Naim AB, Gamal El-Din, AM, Badary OA. J Egypt Soc Toxicol 21: 85-90 (1999).
25. Effects of guar gum and soybean dietary fiber on the control of glucose and lipid metabolism in normal and diabetic rats: A comparative study. Ahmed SH, Abdel-Naim AB. Arab J Biotech 2(2): 219-226 (1999).

26. Toxicity of acrylonitrile on isolated rat hepatocytes: Role of hepatic bioactivation. El-Tawil OS, Abdel-Naim AB. J Egypt Soc Toxicol. 20: 27-32 (1998).
27. Species differences in acrylonitrile disposition: whole body autoradiographic study in rats and mice. Abd Allah AR, Abdel-Naim AB, Hamada FMA, Jacob S, Ahmed EA. J Egypt Soc Toxicol. 19: 43-48 (1997).
28. In Vitro testicular bioactivation of acrylonitrile (VCN). Abdel-Aziz AH, Hamada FMA, Abdel-Naim AB, Ahmed AE. Pharmacol Res 35(2): 129-134 (1997).
29. Evaluation of acrylonitrile toxicity in the rat. Ahmed AE, Hamada FMA, Abdel-Aziz AH, Abdel-Naim AB. Egypt J Med Sci 14(2): 427-441 (1993)
30. A new therapeutic use of allopurinol: the drug protects the gastric mucosa from the ulcerogenic effect of alcohol. Hamada FMA, Abdel-Aziz AH, Mostafa AM, El-Ficky MS, Abdel-Naim AB. Arab J Lab Med 18(2): 283-292 (1992).
31. The protective effects of Cucurbita Foetidissima HBK root extract against ethanol-induced gastric ulceration in rats. Hamada FMA, Abdel-Aziz AH, El-Hamouly MM, El-Ficky MS, Abdel-Naim AB. Egypt J Med Sci 12(2): 573-587 (1991).