

CURRICULUM VITAE

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EDUCATION

- 2006: Ph.D. Pharmacology and Toxicology, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt. Dissertation Title: "Modulatory Effects of Natural Product(s) Against Ethanol-Induced Hepatocyte Death".
- 2002/2003: Ph.D. Postgraduate Studies, Department of Pharmacology, Faculty of Medicine, Université de Montréal, Montréal, Québec, Canada.
- 2002: M.Sc. Pharmacology and Toxicology, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt. Thesis Title: "Pharmacological Study on the Neuroprotective Effects of Curcumin against Ischemia/Reperfusion Insult in Rat Forebrain".
- 1997: B.Sc. Pharmaceutical Sciences (Distinction Honor), Faculty of Pharmacy, University of Alexandria, Alexandria, Egypt.

OCCUPATIONAL BACKGROUND

- 2010-Present: Lecturer, Department of Pharmacology and Toxicology, Faculty of Pharmacy, Damanhour University (formerly Alexandria University, Damanhour Branch), Damanhour, Egypt.
- 2006-2010: Lecturer, Department of Pharmacology and Toxicology, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt.
 - Teaching undergraduate (about 16 hours weekly) and postgraduate (about 2 hours weekly) basic and clinical pharmacology and toxicology, physiology, medical terminology, drug and poison information, as well as, clinical pharmacy courses.

- 2002-2003: Research assistant, Department of Pharmacology, Faculty of Medicine, Université de Montréal, Montréal, Québec, Canada.
- 1998-2006: Demonstrator then Assistant Lecturer, Department of Pharmacology and Toxicology, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt.
 - Assisted in teaching and supervising practical laboratory sessions in many biomedical sciences curricula including medical terminology, physiology, basic and clinical pharmacology and toxicology, bioassay and biostatistics.
- 1997: Community Pharmacist, Oxford Pharmacy, Alexandria, Egypt.

EDUCATIONAL CONTRIBUTION

- Teaching “Pharmacology” in the second semester 2010/2011 at the Faculty of Nursing, Damanhour University.
- Teaching “Toxicology, Forensic chemistry and First-aid” in the first semester 2010/2011 at the Faculty of Pharmacy, Alexandria University.
- Adjunct Faculty Member at the Faculty of Pharmacy, Misr International University. Teaching “Clinical pharmacy” and “Drug interactions and drug information” courses since 2006 till 2010.
- Teaching “Drug information and poison control” in the summer 2008 and 2009 training courses “The role of clinical pharmacy in total pharmaceutical care” at the Faculty of Pharmacy, Ain Shams University.
- Teaching “Drug interactions” in the Clinical Pharmacy Diploma 2006/2007 at the Faculty of Pharmacy, Ain Shams University.
- Course coordinator for physiology, drug and poison information, basic and clinical pharmacology and toxicology.
- Oral examiner at Faculties of Pharmacy in Cairo, Alexandria, Al-Azhar, Tanta, Suez Canal, Menia, MIU and 6th October Universities for the following courses: Pharmacology, Toxicology, Drug interactions, Drug and poison information, Bioassays and biostatistics, and Clinical pharmacy.
- Membership of the CIQAP and the Strategic Plan Quality Committee for the sector of society service affairs and environmental development (including the Disasters Committee) at the Faculty of Pharmacy, Ain Shams University.
- General supervisor of the Ain Shams University regiment at the Educational session of the Institute for Leadership Development, Al-Arish, 8-13 August 2008.

- Supervisor on the Ain Shams University section in the 42nd Cairo International Book Fair From 28th of January till 13th February 2010.
- Scientific counselor for the Egyptian pharmaceutical company “Professional Active Pharma” in 2011.

RESEARCH ACTIVITIES

- Visiting scientist in the 2011 scientific mission at the German Cancer Research Center (DKFZ), Division of Functional Genome Analysis, Heidelberg, Germany.
http://www.dkfz.de/funct_genome/alumni.html.
- The 2009 nominated scientist of the Ain Shams University for the DFG (German Research Foundation) and the Academy of Scientific Research and Technology agreement of scientific cooperation (a competitive research grant for a project entitled: Pharmacogenomic Screening of Anti-Apoptotic Hepatoprotectants).
- Supervision of several in-progress and approved M.Sc. and Ph.D. Theses.
- Winning the Ain Shams University Award of International Publication at the University's 59th Celebration of Science, 26 March 2009.
- Winning the Egyptian Pharmacists Syndicate Award for PhD holders in 2006.
- Membership of the Faculty of Pharmacy, Ain Shams University Committee for the 2008 Research Project on the Study of Hepato-Protective Activity of some Synthesized Chemical and Natural Products aimed at the Treatment of the Hepatitis C Virus (HCV).
- Acknowledged contribution to the “First Conference on Research for Development: Towards a Strategy for Application” organized by Ain Shams University in March 2007.
- Editorial advisory board member of the International Journal of Green Pharmacy (IJGP)
<http://www.greenpharmacy.info/aboutus.asp>.

TRAINING PROGRAMS

- Successful completion of several Faculty and Leadership Development Project (FLDP) courses.
- Successful completion of the requirements for the Accreditation Council on Pharmacy Education (ACPE) activity entitled " Patient Counseling in Pharmacy Practice ", South Carolina College of Pharmacy in collaboration with Misr International University, 18 February 2010.
- Attendance of a Workshop on "Polymerase Chain Reaction applications & Gene Sequencing", Mubarak City for Scientific Research and Technology Applications, Alexandria, 7-11 August 2004.

- Successful completion of The Educational Course for Preparing the University Teacher, Ain Shams University, Cairo, 25 August - 11 September 2000.

RESEARCH INTEREST

- Investigation of the potential protective effects of natural agents on hepatocyte death in vitro and in vivo.
- Investigation of the potential selective cytotoxic effects of Egyptian plant extracts on pancreatic cancer cell lines and other cells.

LIST OF PUBLICATIONS

- Hepatoprotective effects of *Astragalus kahiricus* root extract against ethanol-induced liver apoptosis in rats. Allam RM, Selim DA, Ghoneim AI, Radwan MM, Nofal SM, Khalifa AE, Sharaf OA, Toaima SM, Asaad AM, El-Sebakhy NA. **Chin J Nat Med**. In Press, Accepted Manuscript.
- Anti-apoptotic effects of tamarind leaves against ethanol-induced rat liver injury. Ghoneim AI, Eldahshan OA. **J Pharm Pharmacol**. 2012 Mar;64(3):430-438. Epub 2011 Dec 8. Available at: <http://dx.doi.org/10.1111/j.2042-7158.2011.01418.x>.
- Dichloroacetonitrile induces oxidative stress and developmental apoptotic imbalance in mouse fetal brain. Esmat A, Ghoneim AI, El-Demerdash E, Khalifa AE, Abdel-Naim AB. **Environ Toxicol Pharmacol**. 2012 Jan;33(1):78-84. Epub 2011 Nov 16. Available at: <http://dx.doi.org/10.1016/j.etap.2011.11.004>.
- Cardioprotective effect of thymoquinone against isoproterenol-induced myocardial infarction in rats. Badr AM, Ghoneim AI, Khalifa AE, El-Demerdash E. **Az J Pharm Sci**. 2011 Mar;43:350-364.
- Tamoxifen modulates epirubicin pharmacokinetics and cardiotoxicity in rats. Tolba MF, Ghoneim AI, Khalifa AE, El-Demerdash E. **Az J Pharm Sci**. 2011 Mar;43:111-122.
- Rubus sanctus protects against carbon tetrachloride-induced toxicity in rat isolated hepatocytes: isolation and characterization of its galloylated flavonoids. Badr AM, El-Demerdash E, Khalifa AE, Ghoneim AI, Ayoub NA, Abdel-Naim AB. **J Pharm Pharmacol**. 2009 Nov;61(11):1511-1520. Available at: <http://dx.doi.org/10.1211/jpp/61.11.0011>.

- Lactoperoxidase catalyzes in vitro activation of acrylonitrile to cyanide. Nasralla SN, Ghoneim AI, Khalifa AE, Gad MZ, Abdel-Naim AB. **Toxicol Lett.** 2009 Dec 15;191(2-3):347-52. Epub 2009 Oct 13. Available at: <http://dx.doi.org/10.1016/j.toxlet.2009.10.005>.
- Effects of curcumin on ethanol-induced hepatocyte necrosis and apoptosis: implication of lipid peroxidation and cytochrome c. Ghoneim AI. **Naunyn Schmiedebergs Arch Pharmacol.** 2009 Jan;379(1):47-60. Epub 2008 Aug 21. Available at: <http://dx.doi.org/10.1007/s00210-008-0335-2>. (This research is published in the oldest existing pharmacology journal in the world, where many fundamental findings in the discipline have primarily been published. This research also won the Ain Shams University Award of International Publication in 2009).
- Modulatory effects of curcumin on ethanol-induced hepatocyte necrosis and apoptosis. Ghoneim AI. **1st Scientific Conference of Faculty of Pharmacy, Cairo University, 29 March 2008** [Abstr].
- Hepatoprotective Effects of Glycine and *Astragalus boeticus* Against Ethanol-Induced Hepatocyte Death. AI Ghoneim, AE Khalifa, E El-Demerdash, AB Abdel-Naim. **Forty Seventh Annual Conference of the Egyptian Society of Pharmacology & Experimental Therapeutics (ESPET)** [Abstr]: 17 (2005), December 1st, Helwan University, Egypt.
- Implication of mitochondrial dysfunction and apoptosis in cold preservation/warm reperfusion-induced hepatocyte injury. AI Ghoneim, A Elimadi, PS Haddad. **Can J Gastroenterol** [Abstr], 17, suppl. A: 052 (2003). 42nd Annual Meeting of the Canadian Association of Gastroenterology (Canadian Digestive Disease Week), February 19th-25th, Banff, Alberta, Canada. Available at: <http://www.pulsus.com/cddw2003/abs/abs052.htm>.
- Mécanismes intracellulaires et apoptotiques induits par l'ischémie froide/réoxygénation chaude au niveau des hépatocytes. Duval M, Ghoneim A, Elimadi A, Haddad PS. **Médecine/sciences** [Abstr], 19, suppl. 2: 118 (2003). Congrès des stagiaires en santé de l'Université de Montréal, January 22nd, Palais des Congrès de Montréal, Canada.
- Protective effects of curcumin against ischemia/reperfusion insult in rat forebrain. Ezzeddin Saeed El-Denshary, Asser Ibrahim Ghoneim, Amani E. Khalifa, Ashraf B. Abdel-Naim. **The Pharmacologist** 44(2), suppl.1: A102 (2002). **IUPHAR XIVth World Congress of Pharmacology**: Meeting Abstracts, Moscone Convention Center, San Francisco, CA, USA.
- Protective effects of curcumin against ischaemia/reperfusion insult in rat forebrain. Ghoneim AI, Abdel-Naim AB, Khalifa AE, El-Denshary ES. **Pharmacol Res.** 2002 Sep;46(3):273-9. Available at: [http://dx.doi.org/10.1016/S1043-6618\(02\)00123-8](http://dx.doi.org/10.1016/S1043-6618(02)00123-8).