

CURRICULUM VITAE

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EDUCATION

- 2015: Pharm.D. Professional Doctor of Pharmacy Degree, Department of Pharmacology and Therapeutics, Faculty of Pharmacy, Beirut Arab University (BAU), Beirut, Lebanon. Thesis Title: "Angiotensin-Based Pharmacotherapy for Isolated Systolic Hypertension: A Meta-Analysis of Randomized Controlled Trials".
- 2013-2015: Advanced Professional Pharmacy Practice courses in the Doctor of Pharmacy Program at Beirut General University Hospital, Beirut Community Pharmacy, Advanced Clinical Pharmacokinetics, and Pharmacotherapeutics courses.
- 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

- 2015-Present: Associate Professor, Department of Pharmacology and Toxicology, Faculty of Pharmacy, Damanhour University, Damanhour, Egypt.
 - Acting-Head of the Department of Pharmacology and Toxicology.
 - Supervisor of the Department of Clinical Pharmacy and Pharmacy Practice.
 - Teaching also "Ethics in scientific research" and "Pharmacotherapeutics" courses.

- 2015-Present: Acting-Vice-Dean for Community Service and Environmental Development, Faculty of Pharmacy, Damanhour University, Damanhour, Egypt.
- 2012-2015: Associate Professor, Department of Pharmacology and Therapeutics, Faculty of Pharmacy, BAU, Beirut, Lebanon.
 - Teaching pharmacology, pharmacotherapeutics, and pharmacy practice courses.
 - Teaching pharmacology courses at Faculties of Dentistry and Health Sciences, BAU.
- 2010-2012: 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 and postgraduate 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.
- 1997-1998: Community Pharmacist, Oxford Pharmacy, Alexandria, Egypt.

EDUCATIONAL CONTRIBUTION

- Adjunct Faculty Member at the Faculty of Pharmacy, Pharos University in Alexandria. Teaching “Pharmacotherapeutics” courses in 2015.
- Visiting Professor at the Faculty of Pharmacy, BAU, Lebanon. Teaching “Pharmacotherapeutics” courses in 2016.
- Membership of the BAU Faculty of Pharmacy Curriculum Committee and Strategy Committee during the [Accreditation visit from Canadian Council for Accreditation of Pharmacy Programs \(CCAPP\) 15,16 October, 2014](#), earning Conditional International Accreditation Status 2015-2017 for the Bachelor of Pharmacy program.
- Awarded the "Certificate of Competency in Medical Education", by the Faculty of Medicine, Beirut Arab University, December 2014.
- Teaching “Toxicology, Forensic chemistry and First-aid” 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 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 pharmacotherapeutics, professional pharmacy practice, physiology, drug and poison information, basic and clinical pharmacology and toxicology courses.
- Membership of the Ain Shams University Faculty of Pharmacy Education and Student Affairs’ and Cultural Relations’ Committees (2006-2010).
- 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 (2006-2010).
- Membership of the Egyptian Pharmacists Syndicate since 1997.
- General supervisor of the Ain Shams University regiment at the Educational session of the Institute for Leadership Development, Al-Arish, 8-13 August 2008.
- Scientific counselor for the Egyptian pharmaceutical company “Professional Active Pharma” in 2011.

RESEARCH ACTIVITIES

- Research Ethics Committee (Head), Faculty of Pharmacy, Damanhour University.
- Labs Committee (Head), Faculty of Pharmacy, Damanhour University.
- 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. (*cell culture techniques to investigate selective toxicity against different cancer and normal cell lines*)
- Nominated scientist in 2009 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 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.
- Reviewer of the international scientific journals: ***Naunyn-Schmiedeberg's Archives of Pharmacology*** and ***Cell Proliferation*** in basic and clinical sciences.

- Editorial advisory board member of the International Journal of Green Pharmacy (IJGP)
<http://www.greenpharmacy.info/aboutus.asp>.

RESEARCH INTEREST

- Investigation of the potential effects of natural agents on hepatocyte death in vitro and in vivo (Pharmacological manipulation of liver cell death).
- Investigation of the potential selective cytotoxic effects of phytochemicals on cancer cell lines.
- Investigation of the potential anti-inflammatory effects of natural and synthetic agents (InflammoPharmacology).
- Investigation of the potential drugs to treat CNS diseases including Alzheimer and stroke.

COMMUNITY SERVICE

- 2015-Present: Acting-Vice-Dean for Community Service and Environmental Development, Faculty of Pharmacy, Damanshour University, Damanshour, Egypt.
 - Acting on the development of the professional degrees that better serve the needs of community.
 - Organizing the different Faculty activities that aim to develop the surrounding environment.
 - Focusing on the applied scientific research that solves the problems of the community.
- Summer Training Program (General Supervisor), Faculty of Pharmacy, Damanshour University.
- Website Development Committee (Head), Faculty of Pharmacy, Damanshour University.
- Ethical Committee (Head), Faculty of Pharmacy, Damanshour University.
- International Relations Committee (Member), Faculty of Pharmacy, Damanshour University.

TRAINING PROGRAMS

- Successful completion of the requirements for the "Certificate of Competency in Medical Education", moderated by Prof. Hossam Hamdy, and awarded by the Faculty of Medicine, Beirut Arab University.
- Attendance of several Workshops on "Competency in Health Profession Education", moderated by Prof. Hossam Hamdy, Faculty of Medicine, Beirut Arab University, December 2014.
- Attendance of 14 CME Credits in the "Academic Staff Development Program", Medical Sector, Beirut Arab University, 2013-2014.
- Successful completion of several Egyptian Faculty and Leadership Development Project (FLDP) courses such as strategic planning.
- Successful completion of the requirements for the Accreditation Council on Pharmacy Education (ACPE) 3.5 Credit Hours activity entitled "Patient Counseling in Pharmacy Practice", South Carolina College of Pharmacy in collaboration with Misr International University, moderated by Prof. Joseph DiPiro, February 2010.

- Attendance of a Workshop on "Pharmacy Education: A Vision for the Future", South Carolina College of Pharmacy in collaboration with Misr International University, May 2008.
- Attendance of a Workshop on "Optimizing Pharmaceutical Care & Future Roles of Pharmacists", South Carolina College of Pharmacy in collaboration with Misr International University, February 2007.
- Attendance of a Workshop on "Polymerase Chain Reaction applications & Gene Sequencing", Mubarak City for Scientific Research and Technology Applications, Alexandria, August 2004.
- Successful completion of the course "Formation de base en radioprotection et manipulation de radio-isotopes en laboratoire", Section santé et sécurité au travail, Université de Montréal, Canada, May 2002.

SELECTED PUBLICATIONS

- Efficacy and Safety of Angiotensin-Based Pharmacotherapy versus Conventional Therapy for the Management of Isolated Systolic Hypertension: A Meta-Analysis of Randomized Controlled Trials. Ghoneim AI, El-Mallah AI, El-Lakany AM . *Int J Clin Pharmacol Toxicol*. 2016 Oct; 5(7), 231-239.
- **Natural Agents against Liver Death.** Ghoneim A. LAP LAMBERT Academic Publishing: OmniScriptum GmbH & Co. KG; 2016. Available at: <https://www.lap-publishing.com/catalog/details/store/gb/book/978-3-659-90153-9/natural-agents-against-liver-death>.
- Evaluation of anti-inflammatory, analgesic activities, and side effects of some pyrazole derivatives. Domiati S, El-Mallah A, Ghoneim A, Bekhit A, El Razik HA. *Inflammopharmacology*. 2016 Aug;24(4):163-72. Epub 2016 Jun 24. Available from: <http://link.springer.com/article/10.1007/s10787-016-0270-7>.
- Pharmacogenetics of Thiazide Diuretics: An Update on Inter-individual Variations. Hammoud S, Ghoneim A. *Springer Science Reviews*. June 2016, Volume 4, Issue 1, pp 15–23. Epub 2016 Feb 22. Available from: <http://link.springer.com/article/10.1007/s40362-016-0038-x>.
- Synthesis and biological evaluation of some tacrine analogs: study of the effect of the chloro substituent on the acetylcholinesterase inhibitory activity. HM Ragab, HMA Ashour, A Galal, AI Ghoneim, HR Haidar. *Monatshefte für Chemie - Chemical Monthly*. 2016 Mar;147(3):539-52. Epub 2016 Feb 1. Available from: <http://link.springer.com/article/10.1007/s00706-015-1641-2>.
- Anti-Inflammatory and Antioxidant Activities of Salvia fruticosa: An HPLC Determination of Phenolic Contents. Rima Boukhary, Karim Raafat, Asser I. Ghoneim, Maha Aboul-Ela, and Abdalla El-Lakany. *Evid Based Complement Alternat Med*. Volume 2016 (2016), Article ID 7178105, 6 pages. Epub 2016 Jan 3. Available from: <http://dx.doi.org/10.1155/2016/7178105>.
- Angiotensin-Based Pharmacotherapy for Isolated Systolic Hypertension: A Meta-Analysis of Randomized Controlled Trials. Ghoneim AI, El-Mallah AI, El-Lakany AM. *First PUA International Conference on "Advances in Pharmaceutical Sciences"*, Faculty of Pharmacy and Drug Manufacturing, Pharos University in

Alexandria, Egypt, 27-29 October 2015. (Research Oral Presentation PT-O-76. p. 147-8) Available from:

<http://www.pua.edu.eg/ICAPS>.

- Synthesis of some new amide-linked bipyrazoles and their evaluation as anti-inflammatory and analgesic agents. Faour WH, Mroueh M, Daher CF, Elbayaa RY, Ragab HM, Ghoneim AI, El-Mallah AI, Ashour HM. **J Enzyme Inhib Med Chem**. 2016 Dec;31(6):1079-94. Epub 2015 Oct 20. Available from: <http://www.tandfonline.com/doi/abs/10.3109/14756366.2015.1094469>.
- Celecoxib for the Right Person at the Right Dose and Right Time: An Updated Overview. Domiati S, Ghoneim A. **Springer Science Reviews**. December 2015, Volume 3, Issue 2, pp 137-140. Epub 2015 Oct 6. Available from: Available from: <http://dx.doi.org/10.1007/s40362-015-0034-6>.
- Novel microstructured sildenafil dosage forms as wound healing promoters. Samy WM, Ghoneim AI, Elgindy NA. **Expert Opin Drug Deliv**. 2014 Oct;11(10):1525-36. Epub 2014 Jun 18. Available from: <http://dx.doi.org/10.1517/17425247.2014.929662>.
- 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**. 2013 Jul;11(4):354-361. Available at: [http://dx.doi.org/10.1016/S1875-5364\(13\)60052-7](http://dx.doi.org/10.1016/S1875-5364(13)60052-7).
- Phytochemicals and Amino Acids: Inducers or Inhibitors of Cell Death? Ghoneim A. In: Diederich M and Noworyta K (eds.) **Natural Compounds as Inducers of Cell Death**. Volume 1, Part 1, pp. 3-32. Springer Netherlands, 2012. Available at: http://dx.doi.org/10.1007/978-94-007-4575-9_1.
- 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.
- 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>.
- 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. *IUPHAR XIVth World Congress of Pharmacology*: Meeting Abstracts, July 7 – 12, 2002, Moscone Convention Center, San Francisco, CA, USA. Proceedings: *The Pharmacologist* 44(2), suppl.1: A102 (2002). Publisher: *American Society for Pharmacology and Experimental Therapeutics*.
- 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).