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- **Title**: Ass. Prof. of Biochemistry, Pharmacology and
- Toxicology department Faculty of Pharmacy and
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Biography

Academic Qualification:

- **Ph.D. in** Biochemistry, Faculty of Science, Alexandria University, Egypt, 2004.
- **M.Sc. in** Biochemistry, Faculty of Science, Alexandria University, Egypt, 1992.
- **B.Sc. in** Biochemistry, Faculty of science, Alexandria University, Egypt, 1986.

Professional Experiences and Positions held:

- **From 2012- Up to date: Assistant Professor** of Biochemistry, Pharmacology and Toxicology department. Faculty of Pharmacy and Drug Manufacturing. Pharos University. Alexandria, Egypt.
- **From 2008- 2012:** Lecturer of Biochemistry, Pharmacology and Toxicology department. Faculty of Pharmacy and Drug Manufacturing. Pharos University. Alexandria, Egypt.
- **From 2004- 2011:** Delegated Lecturer in Biochemistry Department, Faculty of Science, Alexandria University, Egypt.

Research interest

Biochemistry and Molecular Biology

Publications

- Ghareeb, D., **Hussein, H.** (2008). Vanadium improves brain acetylcholinesterase activityon early stage alloxan - Diabetic rats. Neuroscience letters 436: 44-47.

- Al-Sayeda A. Newairy, Afrah F. Salama, **Hend M. Hussien**, Mokhtar Yousef (2009). Propolis alleviates aluminium-induced lipid peroxidation and Biochemical parameters in male rats. Food and Chemical Toxicology 47: 1093–1098.

- Doaa A. Ghareeb, Al- Sayeda A. Newairy, Fatma H. El-Rashidy, **Hend M.Hussein**, Asmaa N. Ali (2010). Efficacy of natural extracts of Ginkgo biloba and berberry and a Synthetic derivative of genistein (ipriflavone), as cetylcholinesterase Inhibitors, comparative study with Aricept® effect. J Biochemistry and Biotechnology. 1(1): 5-11.

- Ghareeb, D.**, Hussien, H.,** Khalil, A., El-Saadani, M., Malki, A., Ali, A. (2010). Toxic effects of lead exposure on the brain of rats: involvement of oxidative stress, inflammation, acetylcholinesterase and the beneficial roleof Flaxseed extract. Toxicological & Environmental Chemistry. 92(1): 187-195.

- Doaa A. Ghareeb1, Ashraf A. Khalil2, Ashraf M. Elbassoumy, **Hend M. Hussien**, and Marwa M. Abo- Sraiaa (2010). Ameliorated effects of garlic (*Allium sativum*) on blood biomarkers of subchronic acrylamide hepatotoxicity and brain toxicity in rats. Toxicological & Environmental Chemistry. 92(7): 1357-1372.

- Doaa A. Ghareeb, Hani S. Hafez, **Hend M. Hussien**, Nihal F. Kabapy (2011). Non-alcoholic fatty liver induces insulin resistance and metabolic disorders with development of brain damage and dysfunction. Metabolic Brain Disease 26 (4): 253–267.

- Heba M. Abdou, Hend **M. Hussien**, Mokhtar I. Yousef (2012). Deleterious effects of cypermethrin on rat liver and kidney: Protective role of sesame oil. Journal of Environmental Science and Health, Part B. 47: 1-9

- Ashraf A. Khalil, **Hend M. Hussien**, Eman M. (2012). Oxidative stress (OS) would induce idiopathic infertility in Egyptian males. African Journal of Biotechnology. 11(6): 1516-1522.

- **Hend M. Hussien**, Heba M. Abdou, Mokhtar I. Yousef (2013). Cypermethrin induced damage in genomic DNA and histopathological changes in brain and haematotoxicity in rats: The protective effect of sesame oil.Brain Research Bulletin. 92: 76-83.

	• Mokhtar I. Yousef, **Hend M. Hussien** (2015). Cisplatin-induced renal toxicity via tumor necrosis factor-α, interleukin 6, tumor suppressor P53, DNA damage, xanthine oxidase, histological changes, oxidative stress and nitric oxide in rats: Protective effect of ginseng. Food and Chemical Toxicology 78 (2015) 17–25. • Amel F. Elhusseiny, Hammed H. A. M Hassan, Hend **Hussien**, Ali El-Dissouky, Rex A. Palmer, Jeremy K. Cockcroft (2015). Synthesis, characterization and antioxidant evaluation of metal complexes derived from a dianil ligand with a flexible linkage: anomalous magnetic behavior of the nickel complex. Transition Met Chem. 29:643-655. • Aziz, M., Ghareeb, D., S Eweda, S., **Hussien, H**., El Demellawy, M.2015. Immunomodulatory effect of Berberis vulgaris extracts on murine splenocytes and enrichment of dendritic cells in vitro Biotechnology & Biotechnological Equipment. 29:1149-1155.