Madiha Abdel-Halim Hassan

(MBBCh, MSc, PhD)

Professor of Clinical Pharmacology

Alexandria University-Faculty of Medicine, **(Alexmed)**, Egypt.

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Personale information

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Profile

Work Experience include:

- **Skills to develop a course syllabus, learning objectives, module contents**
- **Skills of teaching as instructive lecturer and as interactive instructor in flipped classes and group discussions**
- **Skills as a facilitator of student engagement and discussion in the problem-based learning classes.**
- **Proficiency in Microsoft Office especially PowerPoint.**
- **Excellent written and verbal communication skills in English and Arabic.**
- **Programmatic assessment of Medical undergraduates and Postgraduates.**
- **Good experience and participation in the processes for accreditation as a Task-force member.**
- **Participant in Alexmed and BAUFM committees, activities, conferences, faculty development workshops and research.**

Academic Qualification:	
1996	**PhD in Pharmacology, Faculty of Medicine, Alexandria University.** **PhD Thesis:** Effect of Pinacidil monotherapy and in combination with captopril or hydrochlorothiazide on some cardiovascular and humoral parameters in spontaneously hypertensive rats.
1992	**MSc. in Pharmacology, Faculty of Medicine, Alexandria University.** **MSc. Thesis:** Study on the antisecretory and cytoprotective effects of different doses of cimetidine on induced gastric ulcer by sodium taurocholate in rats.
1985	**Bachelor of Medicine and Surgery, Faculty of Medicine, Alexandria University.**

Academic Job escalassions:	
Septembre 2024 - August 2025 (Contracte)	**Professor of Clinical Pharmacology at BAU-Lebanon.**
2007– Till now,	**Professor of Clinical Pharmacology at Alexmed, Egypt.**
September 2011-August 2013 (Contracte)	**Professor of Pharmacology and Toxicology** **Pharos University- Faculty of Pharmacy and drug manufacturing, Egypt.**
2016-2020 (Contracte)	**Professor of Clinical Pharmacology at BAU-Lebanon**
2002-2007	**Assistant Professor of Clinical Pharmacology at Alexmed, Egypt.**
1997-2002	**Lecturer of Clinical Pharmacology at Alexmed, Egypt.**
1992-1997	**Assistant Lecturer of Clinical Pharmacology at Alexmed, Egypt.**
1987-1992	**Demonstrator of Clinical Pharmacology at Alexmed, Egypt.**
1986-1987	**Intern at Alexandria Main Hospital**

Publications

1. **Sami H Hammadi, Madiha A Hassan, Eman A Allam, Amal M Elsharkawy, Sherouk S Shams. Effect of sacubitril/valsartan on cognitive impairment in colchicine-induced Alzheimer's model in rats.** Fundamental & Clinical Pharmacology, 06 Oct 2022, DOI: 10.1111/fcp.12837 PMID: 36203311

2. **M. El-Dakhakhny, M. Barakate, M. Abd El-Halim, S.M. Aly. Effects of Nigella Sativa Oil On Gastric Secretion And Ethanol Induced Ulcer In Rats.** Journal of Ethnopharmacology 72; 2000

3. **Mohamed El-Dakhakhny, Naglaa I. Mady, Madiha Abdel Halim. Nigella Sativa Oil Protects Against Induced Hepatotoxicity And Improves Serum Lipid Profile In Rats.** Arzneimittel Forschung-Drug Research 50 (II), No.9 (2000)

4. **M. El-Dakhakhny, M. Abd El-Halim, T. Abd El-Aziem, I. El-Said Darwish. Inhibition Of Tumor Necrosis Factor-∝ And Nitric Oxide Synthase Has A Hepatoprotective Effects In Carbon Tetrachloride- Induced Liver Injury In Rats.** Egypt. Soc. Pharmacol. Exp. Ther., vol.20, No.1, 2001

5. **Mohamed I. El-Dakhakhny, Tarek Abdel Aziem, Madiha Abdel Halim. The Influence of Erythromycin, Roxithromycin, Azithromycin, Clarithromycin And Nigella Sativa Oil On Bleomycin-Induced Acute Lung Injury In Rats.** Naunyn-Schmiedeberg's Archives Of Pharmacology Supplement to vol.364(3); September 2001 Page R25 Abstracts of the Joint Meeting of The Swiss Society of Pharmacology & Toxicology, The German Society For experimental and Clinical Pharmacology & Toxicology and The Austrian Pharmacology Society.

6. **Mohamed I. El-Dakhakhny, Madiha A. El-Halim, Samia M. Aly, Mervat K. Barakat, Nahed I Zohdy. Protective Effect of Nigella Sativa Oil And Clindamycin Against Production Of Tumor Necrosis Factor-α And Liver Injury In Murine Septic Peritonitis. A Pharmacological and Histological Study.** Egypt. Soc. Pharmacol. Exp. Ther., vol.19, No.2, 2000

7. **Nayel O.A. Hassan I.E., El-Halim M.A. Youssif M.I. Striking By Metabolic Modulation To Protect Against Intestinal Ischemic-Reperfusion Injury In Rats By Different agents.** Proceedings Of The 15th Annual Conference For The Egyptian Society Of Toxicology. 6-7 October 1999; Vol. One

8. **Nabil El-Halawani, Nahla A.M. Hamed, Madiha A. El-Halim. Use of Antioxidant As Adjuvant Therapy In Leukemic Patients.** Alex. Med. J 1999; 41(3)

9. **Madiha A. El-Halim and Hoda M. Khalifa. Pharmcological and Histological Evaluation of The Gastroprotective Effects Of Some Drugs In Rats. Role of Antioxidant Mechanisms.** Bull. Alex. Fac. Med. Vol.35 No.3, 1999

10. **Omnia A. Nayel, Madiha A. El-Halim, Magid M. Matta, Magda I. Youssif. Probing in The Modulation of Myocardial Ischemic-reperfusion Injury in A Rat Model by Different Agents".** Bull. Alex. Fac. Med. Vol.33 No.3 1997

1. **10 Nahla A. M. Hamed, Madiha Abdel Halim, Nadia A. Abdel- Moneim. Oxidative Stress As A possible Mechanism of Resistance to Anthracycline-Based Regimens in Acute Leukemia: Role Histamine in Radical Release.** The 46th Annual Conference of Egyptian Society of Pharmacology and Experimental Therapeutics. April 2003.

11. **Nahla A.M. Hamed, Madiha A. Halim, Alaa Abdo, Abdel Salam Ateia. Involvement of caspase-3, iron regulatory protein-1 and nitric oxide synthase in the antimetabolite chemotherapy mediated response in nitric oxide sensitive versus resistant malignancies.** Med. J. Cairo Univ. 2004; 72(4) Suppl. 167-80.

12. **Mohamed T. Ghoneim, Nagwa M. Nour El Din, Madiha A. El-Halim, Aida A. Guemei. Study of Possible Effects of Hormonal Therapy on Experimentally Induced Colitis In Rats. Bull. Alex. Fac. Med. 2004; 40(1): 57-64.**

13. **Samia M. Ali, Mohamed I. El-Dakhakhny, Tarek Abd El-Azim, Madiha A. El-Halim. Effect of Trandolapril, Candesartan and Nigella Sativa Oil on Insulin Resistance In Diabetic Rats. J. Egypt. Soc. Pharmacol. Exp. Ther. 2005; 26(2): 517-48.**

14. **M. El-Dakhakhny, M.A. H. Hassan, M.M. Matta. Relative Contribution of Transient Receptor Potential Channel (TRPC) and Dihydropyridine-sensitive Calcium Influx To Contractile Response Of α-Adrenergic Agonists In Rat Aortic Strips. JMRI 2005; 26(3): 237-42.**

15. **El-Dakhakhny M., Abd El-Azim T., Abd El-Halim M., Baraka A.M., Morsy M.H. The protective Effect of Nigella Sativa Oil and The Derived Thymoquinone And Nigellone Against Thioacetamide Induced Liver Fibrosis In Rats. Bull. Alex. Fac. Med. 2005; 41(1): 75-82.**

16. **Madiha AH Hassan and Amal F Ketat. Sildenafil citrate increases myocardial cGMp content in rat heart, decreases its hypertrophic response to isoproterenol, loss of creatine kinase and troponin T.** BMC Pharmacology 2005; 5(1): Full text Open access at

    http://www.springerlink.com/content/p7j6226941000102/

17. **Mohamed I El-Dakhakhny, Madiha A. Halim, Maged M. matta, safaa H. El-Rewini, Hoda M. Khalifa. Protection Against Acute Adriamycin-Induced Cardiotoxicity By Nigella Sativa Oil, Thymoquinone, Garlic Extract and CoQ10 In Rats. Bull. Alex. Fac. Med. 2005; 41(1): 47-60.**

18. **Madiha Abd El-Halim, Tarek Abd El-Azim, Samia M. Ali, Effect of Selective and Non-Selective Cyclooxygenase Inhibitors on Survival, Platelet Function and Vein Wall Inflammation in A Rat Model of Deep Vein Thrombosis. Bull. Alex. Fac. Med. 2006; 42 (1): 107-14.**

19. **Rida, Samia M. · Saudi, Manal N.S. · Youssef, Amal M. · Halim, Madiha A. Synthesis and Biological Evaluation of the Pyrazole Class of Cyclooxygenase- 2-Inhibitors.** Letters in Organic Chemistry.2009 ;Vol. 6, No. 4., pp. 282-8.

20. **Eman Abdelzaher, Ibtesam Abdel Reheem, Madiha Hassan, Aml Abd-El hameed, and Dalia Kamal, Effects of angiotensin converting enzyme inhibitors, peroxisome proliferators activated receptor -γ agonists, and statins on a rat model of hypertension.** Bull. Alex. Fac. of Med. 2010;46(3): 231-45. Open access at

    http://www.ajol.info/index.php/bafm/article/viewFile/61897/49966

21. **Adel A. Anglo, Madiha A. Hassan, Nagwa M Nour El Din, Hoda M Khalifa, Suzan A. Abdel Ghany. A possible role for gastroprotectives on Aspirin-induced gastric ulcer in rats.** Bull. Alex. Fac. Med. 2010; 46 (1): 75-82. Open access at

    http://www.alexmed.edu.eg/journal/index.php/bulletin/article/viewFile/499/422