



Kingdom of Saudi Arabia
Ministry of Higher Education
King Faisal University
College of Clinical Pharmacy



Name	Dr. Mohamed A. M. Morsy		
Specialization	Pharmacology		
Current Position	Associate Professor, Department of Pharmaceutical Sciences, College of Clinical Pharmacy, King Faisal University		
Contact email (Official)	momorsy@kfu.edu.sa		
Alternate email	mamm22@hotmail.com	IP Phone	0135899819
Academic Qualifications	Degree/year/university/country	PhD in Pharmacology 2004, Kumamoto University, Japan	
	Degree/year/university/country	MSc in Pharmacology 1994, Zagazig University, Egypt	
	Degree/year/university/country	BSc in Pharmaceutical Sciences 1989, Assiut University, Egypt	
	Degree/year/university/country	Diploma in Clinical Pharmacy 2010, Minia University, Egypt	
Teaching Experience	More than 22 years experience in teaching Pharmacology to Medical, Pharmacy, Dental and Nursing under- and post-graduates at Minia University, Egypt (1991-1999; 2004-2011), Kumamoto University, Japan (2001-2002), and King Faisal University, Kingdom of Saudi Arabia (2011-2014).		
Courses Taught and Teaching in KFU	<ul style="list-style-type: none">➤ 2010124: Pharmacology-1➤ 2010211: Pharmacology-2➤ 2010221: Pharmacology-3➤ 2003522: Self-Care and Non-Prescription Drugs➤ 2010421: Clinical Toxicology		
Research Interests	<ul style="list-style-type: none">➤ The major research interest is in hepato-, gastro-, and nephro-protective/curative agents. Possible protective and/or curative effects of these agents as well as their various mechanisms underlie these effects are investigated.		
Research Grants Received	<ul style="list-style-type: none">➤ Received a grant as Principal-Investigator (Project number 150201) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. April 2014.➤ Received a grant as Principal-Investigator (Project number 141002) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. August 2013.		



1. **Morsy MA**, Ibrahim SA, Amin EF, Kamel MY, Rifaai RA, Hassan MK. Sildenafil ameliorates gentamicin-induced nephrotoxicity in rats: role of iNOS and eNOS. *J Toxicol*. 2014;2014:489382. doi: 10.1155/2014/489382.
2. **Morsy MA**, Ibrahim SA, Amin EF, Kamel MY, Abdelwahab SA, Hassan MK. Carvedilol ameliorates early diabetic nephropathy in streptozotocin-induced diabetic rats. *Biomed Res Int*. 2014;2014:105214. doi: 10.1155/2014/105214.
3. Ramzy MM, El-Sheikh AA, Kamel MY, Abdelwahab SA, **Morsy MA**. Mechanism of testicular protection of carvedilol in streptozotocin-induced diabetic rats. *Indian J Pharmacol*. 2014 Mar;46(2):161-5. doi: 10.4103/0253-7613.129307.
4. El-Sheikh AA, **Morsy MA**, Mahmoud MM, Rifaai RA. Protective mechanisms of coenzyme-Q10 may involve up-regulation of testicular P-glycoprotein in doxorubicin-induced toxicity. *Environ Toxicol Pharmacol*. 2014 Mar;37(2):772-81. doi: 10.1016/j.etap.2014.02.010.
5. **Morsy MA**, Ibrahim SA, Amin EF, Kamel MY, Rifaai RA, Hassan MK. Curcumin ameliorates methotrexate-induced nephrotoxicity in rats. *Adv Pharmacol Sci*. 2013;2013:387071. doi: 10.1155/2013/387071.
6. **Morsy MA**, Ibrahim MA, Abd-Elghany MI. Dimethyl dimethoxy biphenyl dicarboxylate attenuates hepatic and metabolic alterations in high fructose-fed rats. *Toxicol Ind Health*. 2013 Sep 10. doi: 10.1177/0748233713498445.
7. **Morsy MA**, El-Moselhy MA. Mechanisms of the protective effects of curcumin against indomethacin-induced gastric ulcer in rats. *Pharmacology*. 2013 May 15;91(5-6):267-274. doi: 10.1159/000350190.
8. Abdel-Latif RG, **Morsy MA**, El-Moselhy MA, Khalifa MA. Sildenafil protects against nitric oxide deficiency-related nephrotoxicity in cyclosporine A treated rats. *Eur J Pharmacol*. 2013 Mar 7;705(1-3):126-134. doi: 10.1016/j.ejphar.2013.02.039.
9. Fouad AA, Al-Mulhim AS, Jresat I, **Morsy MA**. Protective effects of captopril in diabetic rats exposed to ischemia/reperfusion renal injury. *J Pharm Pharmacol*. 2013 Feb;65(2):243-52. doi: 10.1111/j.2042-7158.2012.01585.x.
10. Zhou J, **Morsy M**, Kunika K, Yokomizo K, Miyata T. Ergogenic capacity of a 7-Chinese traditional medicine extract in aged mice. *Chinese Medicine*. 2012 Dec;3(4):223-8. doi: 10.4236/cm.2012.34032.
11. El-Sheikh AA, **Morsy MA**, Mahmoud MM, Rifaai RA, Abdelrahman AM. Effect of coenzyme-q10 on doxorubicin-induced nephrotoxicity in rats. *Adv Pharmacol Sci*. 2012;2012:981461. doi: 10.1155/2012/981461.
12. Ibrahim MA, **Morsy MA**, Hafez HM, Gomaa WM, Abdelrahman AM. Effect of selective and non-selective cyclooxygenase inhibitors on doxorubicin-induced

cardiotoxicity and nephrotoxicity in rats. *Toxicol Mech Methods*. 2012 Jul;22(6):424-31. doi: 10.3109/15376516.2012.666658.

13. **Morsy MA**, Heeba GH, Abdelwahab SA, Rofaeil RR. Protective effects of nebivolol against cold restraint stress-induced gastric ulcer in rats: role of NO, HO-1, and COX-1,2. *Nitric Oxide*. 2012 Jun 8;27(2):117-122. doi: 10.1016/j.niox.2012.06.001.
 14. **Morsy MA**, Abdalla AM, Mahmoud AM, Abdelwahab SA, Mahmoud ME. Protective effects of curcumin, α -lipoic acid, and N-acetylcysteine against carbon tetrachloride-induced liver fibrosis in rats. *J Physiol Biochem*. 2012 Mar;68(1):29-35. doi: 10.1007/s13105-011-0116-0.
 15. **Morsy MA**. Protective effect of lisinopril on hepatic ischemia/reperfusion injury in rats. *Indian J Pharmacol*. 2011 Nov;43(6):652-5. doi: 10.4103/0253-7613.89820.
 16. **Morsy MA**, Ibrahim SA, Abdelwahab SA, Zedan MZ, Elbitar HI. Curative effects of hydrogen sulfide against acetaminophen-induced hepatotoxicity in mice. *Life Sci*. 2010 Dec 18;87(23-26):692-8. doi: 10.1016/j.lfs.2010.10.004.
 17. Abdel-Hamid NM, **Morsy MA**. Novel biochemical pathways for 5-Fluorouracil in managing experimental hepatocellular carcinoma in rats. *J Membr Biol*. 2010 Mar;234(1):29-34. doi: 10.1007/s00232-010-9236-7.
 18. **Morsy MA**, Ashour OM, Fouad AA, Abdel-Gaber SA. Gastroprotective effects of the insulin sensitizers rosiglitazone and metformin against indomethacin-induced gastric ulcers in Type 2 diabetic rats. *Clin Exp Pharmacol Physiol*. 2010 Feb;37(2):173-7. doi: 10.1111/j.1440-1681.2009.05250.x.
 19. **Morsy M**, Ashour O, Amin E, Rofaeil R. Gastroprotective effects of telmisartan on experimentally-induced gastric ulcers in rats. *Pharmazie*. 2009 Sep;64(9):590-4.
 20. Shoman ME, Abdel-Aziz M, Aly OM, Farag HH, **Morsy MA**. Synthesis and investigation of anti-inflammatory activity and gastric ulcerogenicity of novel nitric oxide-donating pyrazoline derivatives. *Eur J Med Chem*. 2009 Jul;44(7):3068-76. doi: 10.1016/j.ejmech.2008.07.008.
 21. **Morsy MA**, Fouad AA. Mechanisms of gastroprotective effect of eugenol in indomethacin-induced ulcer in rats. *Phytother Res*. 2008 Oct;22(10):1361-6. doi: 10.1002/ptr.2502.
 22. Fouad AA, **Morsy MA**, Gomaa W. Protective effect of carnosine against cisplatin-induced nephrotoxicity in mice. *Environ Toxicol Pharmacol*. 2008 May;25(3):292-7. doi: 10.1016/j.etap.2007.10.026.
 23. Abdel-Rahman HM, **Morsy MA**. Novel benzothiazolyl urea and thiourea derivatives with potential cytotoxic and antimicrobial activities. *J Enzyme Inhib Med Chem*. 2007 Feb;22(1):57-64.
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Presentations and Abstracts

1. **Morsy MA**, El-Sheikh AAK, Mahmoud MM, Rifaai RA. Protective mechanisms of coenzyme-Q10 involves up-regulation of testicular P-glycoprotein in doxorubicin-induced toxicity. The 29th meeting of the Saudi Biological Society, Dammam, Saudi Arabia. February 25-27, 2014.
2. **Morsy MA**, El-Moselhy MA, Abdel-latif RG, Khalifa MA. Sildenafil ameliorates cyclosporine-induced nephrotoxicity in rats: role of nitric oxide. The Saudi International Conference of Nephrology & Transplantation. King Fahd Cultural Center, Riyadh, Kingdom of Saudi Arabia. February 19-22, 2012.
3. **Morsy MA**, Ibrahim SA, Abdelwahab SA, Zedan MZ, and Elbitar HI. Therapeutic effects of hydrogen sulfide on acetaminophen-induced hepatotoxicity in mice. Beirut Arab University, Beirut, Lebanon. May 6-7, 2010.
4. **Morsy MA**, Ibrahim SA, Abdelwahab SA, Zedan MZ, and Elbitar HI. Therapeutic effects of hydrogen sulfide on acetaminophen-induced hepatotoxicity in mice. University of Aleppo, Aleppo, Syria. April 13-15, 2010.
5. **Morsy MA**. Protective effects of lisinopril on hepatic ischemia/reperfusion injury in rats. 51st Annual Conference of Egyptian Society of Pharmacology & Experimental Therapeutics. Ain Shams University, Cairo, Egypt. March 16-17, 2010.
6. **Morsy MA**, Eshra A, Azar A. Artificial neural network for automatic detection of arrhythmia from electrocardiogram. EPHAR 2008 Congress, University of Manchester, Manchester, UK. July 13-17, 2008.
7. **Morsy MA**, Ashour OM, Amin EF, Rofaail RR. Gastroprotective effects of telmisartan on experimentally-induced gastric ulcers in rats. Assiut University 6th International Pharmaceutical Sciences Conference, Faculty of Pharmacy, Assiut, Egypt. March 12-13, 2008.

Memberships

- American Society for Pharmacology and Experimental Therapeutics.
 - Saudi Pharmaceutical Society.
 - Saudi Biological Society.
 - Egyptian Society of Pharmacology and Experimental Therapeutics.
 - Egyptian Society of Toxicology.
 - Egyptian Society of Natural Toxins.
 - Egyptian Society of Basic Medical Sciences.
 - The Arab Association of Forensic and Clinical Toxicology.
 - Egyptian Society of Pharmacy.
 - Egyptian Syndicate of Pharmacists.
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Workshops / Seminars attended

- March 2014: attended "Updates on Diabetic Nephropathy", Saudi Diabetes and Endocrine Association in collaboration with Saudi Foundation for Promoting Organ Donation, Saudi Center for Organ Transplantation and University of Dammam, Al-Khobar, Saudi Arabia. March 15, 2014.
 - February 2014: attended "Advanced Management of Non-small Cell Lung Cancer NSCLC", Saudi Cancer Foundation, Al-Khobar, Saudi Arabia. February 16, 2014.
 - February 2014: attended the workshop "Nanotechnology and its Application in the Medical Fields and Water Treatment", Science and Technology Unit (STU), King Faisal University, Saudi Arabia. February 12, 2014.
 - February 2014: attended the training program "Clinical Pharmacokinetics and Its Application for Clinical Research and Patient Care", King Abdullah International Medical Research Center, King Saud bin Abdulaziz University for Health Sciences, Riyadh, Saudi Arabia. February 1-2, 2014.
 - January 2014: attended "Renal Cell Carcinoma Symposium", Saudi Cancer Foundation, Dammam, Saudi Arabia. January 25, 2014.
 - March 2013: attended "ESMO Summit Saudi Arabia 2013 – Translational to Clinical Research major advances 2013 update" King Fahad Specialist Hospital, Dammam – European Society for Medical Oncology, Dammam, Saudi Arabia. March 6-7, 2013.
 - December 2012: attended the training program "Developing Research Abilities: Idea Formulation and Research Management", organized by King Abdulaziz City for Science and Technology (KACST), held in King Faisal University, Saudi Arabia. December 5, 2012.
 - September 2012: attended the seminar "The Value of Electron Microscopy in Today's World of Medical Research", FEI Co., Sofitel Hotel, Al-Khobar, Saudi Arabia. September 19, 2012.
 - March 2012: attended "Oncology Pharmacy Workshop – The Roles of Oncology Pharmacists in an Academic Cancer Center", Dammam, Saudi Arabia. March 8, 2012.
 - February 2012: attended the workshop "Effective Use of E-Learning", Deanship of Academic Development, King Faisal University, Saudi Arabia. February 25-29, 2012.
 - November 2011: attended the training program "Strategies of Scientific Research", Deanship of Academic Development, King Faisal University, Saudi Arabia. November 26-27, 2011.
 - August 2010: attended the workshop "Application of Modern Immunological Techniques", Animal Reproduction Research Institute, Egypt. August 1-5, 2010.
 - July 2008: attended an international workshop on "Methods in Cardiovascular Pharmacology", University of Manchester, Manchester, UK. July 18-19, 2008.
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