


<b>Name</b>	<b>Mohamed A.M. Morsy</b>			
<b>Specialization</b>	Pharmacology			
<b>Current Position</b>	Professor, Department of Pharmaceutical Sciences, College of Clinical Pharmacy, King Faisal University			
<b>Contact email (Official)</b>	momorsy@kfu.edu.sa	<b>Mobile</b>	0549672245	
<b>Alternate email</b>	mamm222@hotmail.com	<b>IP Phone</b>	0135899819	
<b>Academic Qualifications</b>	<b>Degree/year/uni versity/country</b>	PhD in Pharmacology 2004, Kumamoto University, Japan		
	<b>Degree/year/uni versity/country</b>	MSc in Pharmacology 1994, Zagazig University, Egypt		
	<b>Degree/year/uni versity/country</b>	BSc in Pharmaceutical Sciences 1989, Assiut University, Egypt		
	<b>Degree/year/uni versity/country</b>	Diploma in Clinical Pharmacy 2010, Minia University, Egypt		
<b>Teaching Experience</b>	More than 30 years' experience in teaching Pharmacology to Medical, Pharmacy, Dental and Nursing under- and post-graduates at Minia University (Egypt), Kumamoto University (Japan), and King Faisal University (Kingdom of Saudi Arabia)			
<b>All the Courses Taught and Teaching in KFU with Course number</b>	<ul style="list-style-type: none"> <li>➤ 2010124: Pharmacology-1</li> <li>➤ 2010211: Pharmacology-2</li> <li>➤ 2010221: Pharmacology-3</li> <li>➤ 2003522: Self-Care and Non-Prescription Drugs</li> <li>➤ 2010421: Clinical Toxicology</li> <li>➤ 2020111: Physiology-1</li> <li>➤ 2020121: Physiology-2</li> <li>➤ 3401211: Pharmacology for Dentists</li> <li>➤ 2010727: Toxicology (MSc)</li> <li>➤ 2010728: Systems Pharmacology-1 (MSc)</li> <li>➤ 2010729: Systems Pharmacology-2 (MSc)</li> <li>➤ 2010754: Principles of drug actions (MSc)</li> <li>➤ 2010750: Physiology (MSc)</li> </ul>			
<b>Research Interests</b>	➤ 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. In addition, screening of potential anti-inflammatory, anticancer, and antitubercular agents are explored.			
<b>Research Grants Received</b>	<ul style="list-style-type: none"> <li>➤ Awarded a grant as Co-Investigator (Project number GRANT2866) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. May 2023 (15,000 SR for six months).</li> <li>➤ Awarded a grant as Co-Investigator (Project number GRANT2865) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. November 2022 (15,000 SR for six months).</li> <li>➤ Awarded a grant as Principal-Investigator (Project number INST210) from Deanship</li> </ul>			

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- of Scientific Research at King Faisal University, Saudi Arabia. October 2022 (30,000 SR for six months).
- Awarded a grant as Co-Investigator (Project number INST209) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. October 2022 (30,000 SR for six months).
  - Awarded a grant as Co-Investigator (Project number INSTR004) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. October 2022 (150,000 SR for six months).
  - Awarded a grant as Co-Investigator (Project number INST002) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. October 2022 (30,000 SR for six months).
  - Awarded a grant as Co-Investigator (Project number GRANT1673) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. June 2022 (30,000 SR for six months).
  - Awarded a grant as Co-Investigator (Project number GRANT1051) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. June 2022 (30,000 SR for six months).
  - Awarded a grant as Co-Investigator (Project number GRANT1005) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. June 2022 (14,000 SR for six months).
  - Awarded a grant as Co-Investigator (Project number GRANT1004) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. June 2022 (30,000 SR for six months).
  - Awarded a grant as Co-Investigator (Project number GRANT497) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. April 2022 (14,000 SR for six months).
  - Awarded a grant as Co-Investigator (Project number GRANT308) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. March 2022 (14,000 SR for six months).
  - Awarded a grant as Principal-Investigator (Project number CHAIR18) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. March 2022 (30,000 SR for six months).
  - Awarded a grant as Co-Investigator (Project number GRANT344) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. February 2022 (30,000 SR for six months).
  - Awarded a grant as Co-Investigator (Project number GRANT223) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. February 2022 (14,000 SR for six months).
  - Awarded a grant as Principal-Investigator (Project number GRANT92) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. February 2022 (7,000 SR for six months).
  - Awarded a grant as Principal-Investigator (Project number AN000666) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. January 2022 (30,000 SR for six months).
  - Awarded a grant as Principal-Investigator (Project number AN000584) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. December 2021 (30,000 SR for six months).
  - Awarded a grant as Co-Investigator (Project number AN00091) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. December 2021 (30,000 SR for six months).
  - Awarded a grant as Principal-Investigator (Project number NA000133) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. November 2021 (30,000 SR for six months).
  - Awarded a grant as Principal-Investigator (Project number NA000132) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. November 2021 (30,000 SR for six months).
  - Awarded a grant as Co-Investigator (Project number 12-MED3163-06) from King Abdulaziz City for Science and Technology (KACST), Riyadh, Saudi Arabia. September 2020 (600,000 SR for two years).
  - Awarded a grant as Principal-Investigator (Project number 12-MED3156-06) from
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- King Abdulaziz City for Science and Technology (KACST), Riyadh, Saudi Arabia. September 2020 (599,960 SR for two years).
- Awarded a grant as Principal-Investigator (Project number IFT20098) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. August 2020 (30,000 SR for six months).
  - Awarded a grant as Co-Investigator (Project number 1058) from Deputyship for Research & Innovation, Ministry of Education, Riyadh, Saudi Arabia. January 2020 (4,536,742 SR for three years).
  - Awarded a grant as Co-Investigator (Project number 1811021) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. October 2018 (299,000 SR for 22 months).
  - Awarded a grant as Co-Investigator (Project number 180128) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. July 2018 (74,704 SR for ten months).
  - Awarded a grant as Principal-Investigator (Project number 17122012) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. December 2017 (271,850 SR for 22 months).
  - Awarded a grant as Principal-Investigator (Project number 175017) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. December 2015 (5,000 SR for six months).
  - Awarded a grant as Co-Investigator (Project number 160100) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. June 2015 (75,300 SR for one year).
  - Awarded a grant as Co-Investigator (Project number 160011) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. June 2015 (71,400 SR for one year).
  - Awarded a grant as Principal-Investigator (Project number LGP-35-210) from King Abdulaziz City for Science and Technology (KACST), Riyadh, Saudi Arabia. April 2015 (175,000 SR for one year).
  - Awarded a grant as Principal-Investigator (Project number 151003) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. December 2014 (50,000 SR for six months).
  - Awarded a grant as Principal-Investigator (Project number LGP-35-112) from King Abdulaziz City for Science and Technology (KACST), Riyadh, Saudi Arabia. September 2014 (154,000 SR for one year).
  - Awarded a grant as Co-Investigator (Project number 150205) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. April 2014 (80,000 SR for one year).
  - Awarded a grant as Principal-Investigator (Project number 150201) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. April 2014 (66,400 SR for one year).
  - Awarded a grant as Co-Investigator (Project number 150200) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. April 2014 (72,400 SR for one year).
  - Awarded a grant as Principal-Investigator (Project number 141002) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. August 2013 (50,000 SR for 6 months).
  - Awarded a grant as Co-Investigator (Project number 140237) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. February 2013 (70,000 SR for one year).
  - Awarded a grant as Co-Investigator (Project number 130016) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. February 2012 (69,500 SR for one year).
  - Awarded a grant as Co-Investigator (Project number 130243) from Deanship of Scientific Research at King Faisal University, Saudi Arabia. February 2012 (88,500 SR for one year).
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**Publications**  
**(latest 30**  
**publications)**

1. Venugopala KN, Chandrashekarappa S, Deb PK, Al-Shar'i NA, Pillay M, Tiwari P, Chopra D, Borah P, Tamhaev R, Mourey L, Lherbet C, Aldhubiab BE, Tratratt C, Attimarad M, Nair AB, Sreeharsha N, Mailavaram RP, Venugopala R, Mohanlall V, **Morsy MA**. Identification of potent indolizine derivatives against Mycobacterial tuberculosis: In vitro anti-TB properties, in silico target validation, molecular docking and dynamics studies. *Int J Biol Macromol*. 2024 Aug;274(Pt 2):133285. doi: 10.1016/j.ijbiomac.2024.133285.
  2. Duraisamy R, Al-Shar'i NA, Chandrashekarappa S, Deb PK, Gleiser RM, Tratratt C, Chopra D, Muthukurpalya Bhojogowd MR, Thirumalai D, **Morsy MA**, Ibrahim YF, Mohanlall V, Venugopala KN. Synthesis, biological evaluation, and computational investigation of ethyl 2,4,6-trisubstituted-1,4-dihydropyrimidine-5-carboxylates as potential larvicidal agents against *Anopheles arabiensis*. *J Biomol Struct Dyn*. 2024 May;42(8):4016-4028. doi: 10.1080/07391102.2023.2217929.
  3. Jacob S, Kather FS, **Morsy MA**, Boddu SHS, Attimarad M, Shah J, Shinu P, Nair AB. Advances in nanocarrier systems for overcoming formulation challenges of curcumin: Current insights. *Nanomaterials (Basel)*. 2024 Apr 12;14(8):672. doi: 10.3390/nano14080672.
  4. Naskar A, Chatterjee K, Roy K, Majje A, Nair AB, Shinu P, **Morsy MA**, Jain N, Pandey M, Gorain B. Mechanistic roles of different varieties of honey on wound healing: Recent update. Volume 15 Issue 1, March 2024. *J Pharmacol Pharmacother*. 2024 Mar;15(1):5-18. doi: 10.1177/0976500X241237361.
  5. Kandeel M, **Morsy MA**, Abd El-Lateef HM, Marzok M, El-Beltagi HS, Venugopala KN. Upregulation of microRNA-146a increases the sensitivity of cisplatin-resistant lung cancer cells to chemotherapy through the Toll-like receptor-signaling pathway. *Int J Pharmacol*. 2023 Dec;19(6):749-757. doi: 10.3923/ijp.2023.749.757.
  6. Heeba GH, **Morsy MA**, Mahmoud ME, Abdel-Latif R. Gastro-protective effect of L-arginine against nitric oxide deficiency-related mucosal injury induced by indomethacin: Does age matter? *J Biochem Mol Toxicol*. 2023 Nov;37(11):e23479. doi: 10.1002/jbt.23479.
  7. Shinu P, Sharma A, Nair AB, Kumar M, Khan S, Mouslem AKA, **Morsy MA**, Tiwari A, Tiwari V, Kumari B. Development, evaluation, and in vitro anti-acne activity of tretinoin nanocrystals gel. *Ind J Pharm Edu Res*. 2023 Oct-Dec;57(4):1012-1020. doi: 10.5530/ijper.57.4.114.
  8. Jacob S, Nair AB, Boddu SHS, Abuhijleh RK, Selvaraju K, Babu T, Gorain B, Shah J, **Morsy MA**. The emerging role of lipid nanosystems and nanomicelles in liver diseases. *Eur Rev Med Pharmacol Sci*. 2023 Sep;27(18):8651-8680. doi: 10.26355/eurrev\_202309\_33790.
  9. Kandeel M, **Morsy MA**, Alkhodair KM, Alhojaily S. Mesenchymal stem cell-derived extracellular vesicles: An emerging diagnostic and therapeutic biomolecules for neurodegenerative disabilities. *Biomolecules*. 2023 Aug 16;13(8):1250. doi: 10.3390/biom13081250.
  10. Kandeel M, **Morsy MA**, Abd El-Lateef HM, Marzok M, El-Beltagi HS, Al Khodair KM, Soliman WE, Albokhadaim I, Venugopala KN. A century of "Camel Research": a bibliometric analysis. *Front Vet Sci*. 2023 Jun 1;10:1157667. doi: 10.3389/fvets.2023.1157667.
  11. Kandeel M, **Morsy MA**, Abd El-Lateef HM, Marzok M, El-Beltagi HS, Al Khodair KM, Albokhadaim I, Venugopala KN. Efficacy of the modified vaccinia Ankara virus vaccine and the replication-competent vaccine ACAM2000 in monkeypox prevention. *Int Immunopharmacol*. 2023 Apr 21;119:110206. doi: 10.1016/j.intimp.2023.110206.
  12. **Morsy MA**, El-Daly M, Kamel BA, Rifaai RA, Abdel-Gaber SA. Pregnenolone protects the liver against doxorubicin-induced cellular injury by anti-inflammatory, antioxidant, and antiapoptotic mechanisms: role of Keap1/Nrf2/HO-1 and P-glycoprotein. *Eur Rev Med Pharmacol Sci*. 2023 May;27(10):4718-4734. doi: 10.26355/eurrev\_202305\_32484.
  13. Nair AB, Aldhubiab B, Shah J, Jacob S, Attimarad M, Sreeharsha N, Venugopala KN, Joseph A, **Morsy MA**. Design, development, and evaluation of constant voltage iontophoresis for the transungual delivery of efinaconazole. *Pharmaceutics*. 2023 May 6;15(5):1422. doi: 10.3390/pharmaceutics15051422.
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14. Kandeel M, **Morsy MA**, Abd El-Lateef HM, Marzok M, El-Beltagi HS, Al Khodair KM, Albokhadaim I, Venugopala KN, Al-Rasheed M, Ismail MM. A century of "anticoccidial drugs": bibliometric analysis. *Front Vet Sci.* 2023 May 2;10:1157683. doi: 10.3389/fvets.2023.1157683.
  15. Kandeel M, **Morsy MA**, Abd El-Lateef HM, Marzok M, El-Beltagi HS, Al Khodair KM, Albokhadaim I, Venugopala KN. Safety and immunogenicity of the ChAdOx1, MVA-MERS-S, and GLS-5300 DNA MERS-CoV vaccines. *Int Immunopharmacol.* 2023 Mar 29;118:109998. doi: 10.1016/j.intimp.2023.109998.
  16. **Morsy MA**, Abdel-Gaber SA, Mokhmer SA, Kandeel M, Sedik WF, Nair AB, Venugopala KN, Khalil HE, Al-Dhubiab BE, Mohamed MZ. Pregnenolone inhibits doxorubicin-induced cardiac oxidative stress, inflammation, and apoptosis—Role of matrix metalloproteinase 2 and NADPH oxidase 1. *Pharmaceuticals.* 2023 Apr 28;16(5):665. doi: 10.3390/ph16050665.
  17. Alnaim AS, Shah H, Nair AB, Mewada V, Patel S, Jacob S, Aldhubiab B, **Morsy MA**, Almuqbil RM, Shinu P, Shah J. Qbd-based approach to optimize niosomal gel of levosulpiride for transdermal drug delivery. *Gels.* 2023 Mar 10;9(3):213. doi: 10.3390/gels9030213.
  18. Kandeel M, **Morsy MA**, Abd El-Lateef HM, Marzok M, El-Beltagi HS, Al Khodair KM, Albokhadaim I, Venugopala KN. Cognitive- and memory-enhancing effects of Augmentin in Alzheimer's rats through regulation of gene expression and neuronal cell apoptosis. *Front Pharmacol.* 2023 Mar 9;14:1154607. doi: 10.3389/fphar.2023.1154607.
  19. **Morsy MA**, Gupta S, Dora CP, Jhawar V, Dhanawat M, Mehta D, Gupta K, Nair AB, El-Daly M. Venoms classification and therapeutic uses: a narrative review. *Eur Rev Med Pharmacol Sci.* 2023 Feb;27(4):1633-1653. doi: 10.26355/eurrev\_202302\_31408.
  20. Kandeel M, **Morsy MA**, Abd El-Lateef HM, Marzok M, El-Beltagi HS, Al Khodair KM, Albokhadaim I, Venugopala KN. Genome-wide identification of B3 DNA-binding superfamily members (ABI, HIS, ARF, RVL, REM) and their involvement in stress responses and development in *Camelina sativa*. *Agronomy* 2023 Feb 23;13(3):648. doi: 10.3390/agronomy13030648.
  21. Kandeel M, **Morsy MA**, Abd El-Lateef HM, Marzok M, El-Beltagi HS, Al Khodair KM, Albokhadaim I, Venugopala KN. The safety and efficacy of the protease inhibitors lopinavir/ritonavir as monotherapy or combined with interferon in COVID-19 patients. *Processes* 2023 Jan 28;11(2):398. doi: 10.3390/pr11020398.
  22. Nair AB, Gorain B, Pandey M, Jacob S, Shinu P, Aldhubiab B, Almuqbil RM, Elsewedy HS, **Morsy MA**. Tocotrienol in the Treatment of Topical Wounds: Recent Updates. *Pharmaceutics.* 2022 Nov 16;14(11):2479. doi: 10.3390/pharmaceutics14112479.
  23. **Morsy MA**, Kandeel M, Ibrahim ARN, Abdel-Gaber SA, Jacob S, Venugopala KN, Shinu P, El-Daly M. Carnosine potentiates doxorubicin-induced cytotoxicity in resistant NCI/ADR-RES cells by inhibiting P-glycoprotein—in silico and in vitro evidence. *Molecules.* 2022 Oct 30;27(21):7383. doi: 10.3390/molecules27217383.
  24. **Morsy MA**, El-Hussieny M, Zenhom NM, Nair AB, Venugopala KN, Refaie MMM. Fenofibrate ameliorates letrozole-induced polycystic ovary in rats via modulation of PPAR $\alpha$  and TNF $\alpha$ /CD95 pathway. *Eur Rev Med Pharmacol Sci.* 2022 Oct;26(20):7359-7370. doi: 10.26355/eurrev\_202210\_30005.
  25. **Morsy MA**, Abdel-Latif R, Abdel Hafez SMN, Kandeel M, Abdel-Gaber SA. Paeonol protects against methotrexate hepatotoxicity by repressing oxidative stress, inflammation, and apoptosis—The role of drug efflux transporters. *Pharmaceuticals (Basel).* 2022 Oct 21;15(10):1296. doi: 10.3390/ph15101296.
  26. Shinu P, Sharma M, Gupta GL, Mujwar S, Kandeel M, Kumar M, Nair AB, Goyal M, Singh P, Attimarad M, Venugopala KN, Nagaraja S, Telsang M, Aldhubiab BE, **Morsy MA**. Computational design, synthesis, and pharmacological evaluation of naproxen-guaiacol chimera for gastro-sparing anti-inflammatory response by selective COX2 inhibition. *Molecules.* 2022 Oct 14;27(20):6905. doi: 10.3390/molecules27206905.
  27. Venugopala KN, Chaudhary J, Sharma V, Jain A, Kumar M, Sharma D, Shinu P, Aldhubiab BE, Deb PK, Alwassil OI, Attimarad M, Nair AB, Sreeharsha N,
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Venugopala R, Kandeel M, Tratrat C, El-Deeb W, Haroun M, Mahomoodally MF, Mohanlall V, **Morsy MA**. Exploring the potential of flavonoids as efflorescing antidiabetic: An updated SAR and mechanistic based approach. *Pharmacogn Mag.* 2022 Oct-Dec;18(801):791-807. doi: 10.4103/pm.pm\_372\_22.

28. Youssef ME, Abdel-Reheim MA, **Morsy MA**, El-Daly M, Atwa GMK, Yahya G, Cavalu S, Saber S, Ahmed Gaafar AG. Ameliorative effect of dabigatran on CFA-induced rheumatoid arthritis via modulating kallikrein-kinin system in rats. *Int J Mol Sci.* 2022 Sep 7;23(18):10297. doi: 10.3390/ijms231810297.
29. **Morsy MA**, Ibrahim YF, Abdel Hafez SMN, Zenhom NM, Nair AB, Venugopala KN, Shinu P, Abdel-Gaber SA. Paeonol attenuates hepatic ischemia/reperfusion injury by modulating the Nrf2/HO-1 and TLR4/MYD88/NF- $\kappa$ B signaling pathways. *Antioxidants (Basel).* 2022 Aug 29;11(9):1687. doi: 10.3390/antiox11091687.
30. Kandeel M, Al-TaHER A, Venugopala KN, Marzok M, **Morsy M**, S Nagaraja. Camel proteins and enzymes: A growing resource for functional evolution and environmental adaptation. *Front Vet Sci.* 2022 Jul 12;9:911511. doi: 10.3389/fvets.2022.911511.

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**Presentations  
and Abstracts  
(latest 10)**

1. **Morsy MA**, El-Daly M, Rifaai RA, Kamel BA, Abdel-Gaber SA. Pregnenolone protects against doxorubicin-induced hepatotoxicity by suppressing oxidative stress, inflammation, and apoptosis, and upregulating drug efflux transporters P-glycoprotein. The International Conference and Exhibition for Science (ICES2023), College of Sciences, King Saud University, Riyadh, Saudi Arabia. February 6-8, 2023.
  2. **Morsy MA**, Abdel-Latif R, Abdel Hafez SMN, Kandeel M, Abdel-Gaber SA. Protective effect of paeonol against methotrexate-induced hepatotoxicity by modulating oxidative stress, inflammation, apoptosis, and drug efflux transporters P-gp and Mrp-2. The Annual Conference of Saudi Pharmaceutical Society (SPS) entitled (SIPHA: Saudi International Pharmaceutical Sciences Meeting & Workshops), Dhahran Expo, Dammam, Saudi Arabia. January 3-5, 2023.
  3. **Morsy MA**, Abdel-Latif R, Abdel Hafez SMN, Kandeel M, Abdel-Gaber SA. Paeonol protects against methotrexate-induced hepatotoxicity via upregulation of P-gp and Mrp-2 and modulation of SOD/iNOS/TNF/Bax/PCNA, 4<sup>th</sup> International Conference of Knowledge, Skills and Abilities in Pharmacy and Toxicology (KSAPT 2022), Novel Frontiers, New Heights in Pharmacology and Toxicology, Al Khobar, Saudi Arabia. December 6-8, 2022.
  4. **Morsy MA**, Ibrahim YF, Abdel Hafez SMN, Ahmed NZM, Nair AB, Venugopala KN, Pottathil S, Abdel-Gaber SA. Protective mechanisms of paeonol against hepatic ischemia/reperfusion injury in rats may involve suppression of TLR4/MyD88/NF- $\kappa$ B/TNF- $\alpha$  pathway. XXXVI International Scientific Conference of Pharmaceutical Sciences, Egyptian Pharmaceutical Society, hold at Future University, Cairo, Egypt. May 21, 2022.
  5. **Morsy MA**, El-Sheikh AAK, Abdel Hafez SMN, Kandeel M, Abdel-Gaber SA. Protective effects of paeonol against methotrexate-induced nephrotoxicity via upregulation of P-gp expression and suppression of TLR4/NF- $\kappa$ B pathway. 3<sup>rd</sup> International Conference of Knowledge, Skills and Abilities in Pharmacy and Toxicology (KSAPT 2021), Reimagining the Future of Pharmacy and Toxicology, Al Khobar, Saudi Arabia. 30<sup>th</sup> November – 2<sup>nd</sup> December, 2021.
  6. **Morsy MA**, Nair AB. Antitumor effect of thymoquinone-loaded polymeric nanoparticles on diethylnitrosamine-induced rat hepatocellular carcinoma. The 33<sup>rd</sup> Meeting of Saudi Biological Society (online), Albaha, Saudi Arabia. March 9-11, 2021.
  7. **Morsy MA**, El-Sheikh AA, Ibrahim ARN. Hesperidin protects against methotrexate nephrotoxicity by Nrf2/HO-1 pathway but not BCRP renal expression. "8<sup>th</sup> MNGHA Research Day". King Abdullah International Medical Research Center, Eastern Region, Ministry of National Guard Health Affairs (MNGHA), hold at King Saud bin Abdulaziz University for Health Sciences, Convention Center, Al-Ahsa, Saudi Arabia. March 21, 2019.
  8. **Morsy MA**, El-Sheikh AA, Abdel-Latif RG. Nebivolol protects against cyclosporine A-Induced nephrotoxicity through targeting inflammatory and apoptotic pathways by modulation of eNOS/iNOS. "8<sup>th</sup> MNGHA Research Day". King Abdullah International Medical Research Center, Eastern Region, Ministry of National
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	<p>Guard Health Affairs (MNGHA), hold at King Saud bin Abdulaziz University for Health Sciences, Convention Center, Al-Ahsa, Saudi Arabia. March 21, 2019.</p> <p>9. <b>Morsy MA</b>, Nair AB. Enhanced antitumor effect of thymoquinone polymeric nanoparticles on rat hepatocellular carcinoma. The 7<sup>th</sup> Pan Arab Liver Transplantation Society Congress "The 7<sup>th</sup> PALTS 2018 Congress", Al-Khobar, Saudi Arabia. January 25-27, 2018.</p> <p>10. <b>Morsy MA</b>, El-Sheikh AAK, Ibrahim ARN, Khedr MA, Al-Taher AY. In silico and in vitro piperine-ABCB1/P-glycoprotein interactions that might improve doxorubicin anticancer efficacy. The 32<sup>nd</sup> Meeting of Saudi Biological Society, Makkah, Saudi Arabia. April 18-20, 2017.</p>
<b>Memberships</b>	<ul style="list-style-type: none"> <li>➤ American Society for Pharmacology and Experimental Therapeutics.</li> <li>➤ Saudi Pharmaceutical Society.</li> <li>➤ Saudi Biological Society.</li> <li>➤ Egyptian Society of Pharmacology and Experimental Therapeutics.</li> <li>➤ Egyptian Society of Toxicology.</li> <li>➤ Egyptian Society of Natural Toxins.</li> <li>➤ Egyptian Society of Basic Medical Sciences.</li> <li>➤ The Arab Association of Forensic and Clinical Toxicology.</li> <li>➤ Egyptian Society of Pharmacy.</li> <li>➤ Egyptian Syndicate of Pharmacists.</li> </ul>
<b>Workshops / Seminars attended</b>	<ul style="list-style-type: none"> <li>➤ May 2024: attended the training program "Bioinformatics and artificial intelligence applications", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. May 26-27, 2024.</li> <li>➤ May 2024: attended the training program "Digital transformation and innovation tools", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. May 5-6, 2024.</li> <li>➤ March 2023: attended the training program "Advanced Statistical Analyzes for Scientific Research", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. March 20-21, 2023.</li> <li>➤ March 2023: attended the training program "Digital Tools to Improve Teaching Experience", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. March 13, 2023.</li> <li>➤ February 2023: attended the training program "MS Office Best Utilizations in Teaching and Management", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. February 14-15, 2023.</li> <li>➤ November 2022: attended the training program "Managing Thinking and Design through Education", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. November 5, 2022.</li> <li>➤ October 2022: attended the training program "Data Analysis Tools, Research Images, and References", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. October 1, 2022.</li> <li>➤ May 2022: successfully completed the requirements of "The Professional Development Program for Faculty Members at King Faisal University" for the academic year 2021-2022, Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. May 24, 2022.</li> <li>➤ May 2022: attended the workshop "Modern Trends in Education (Construction of Tests and Evaluation)", College of Education, King Faisal University, Saudi Arabia. May 9, 2022.</li> <li>➤ March 2022: attended (online) the training program "Managing Cognitive Load through Educational Design", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. March 27, 2022.</li> <li>➤ March 2022: attended the training program "Modern Technologies for Publication and Translation", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. March 20-21, 2022.</li> <li>➤ December 2021: attended the training program "Chemical Lab Safety and Lab Waste</li> </ul>

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- Management: Rules and Guidelines", Central Laboratories Administration, King Faisal University, Saudi Arabia. December 14, 2021.
- December 2021: attended the training program "Blockchain Technology in Multidisciplinary Research", Central Laboratories Administration, King Faisal University, Saudi Arabia. December 8, 2021.
  - November 2021: attended the training program "Test as a Learning Tool: Strategies and Technical Applications", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. November 28, 2021.
  - October 2021: attended the training program "Using Research Skills in Teaching and Assessment: Designing Health Research", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. October 3, 2021.
  - September 2021: attended the training program "Scientific Research Management Via (Converis) System", Deanship of Information Technology, King Faisal University, Saudi Arabia. September 27, 2021.
  - August 2021: attended (online) the workshop "Teaching strategies belonging to the future", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. August 26, 2021.
  - July 2021: attended (online) the workshop "Ethics of Early Phases of Clinical Trials and Gene Therapy", The National Committee of Bio Ethics (NCBE), King Abdulaziz City for Science and Technology (KACST), Riyadh, Saudi Arabia. July 1, 2021.
  - March 2021: attended (online) the training program "Temporary Digital Teacher", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. March 21, 2021.
  - March 2021: attended the training program "Modern Technologies for Publication and Translation – Development & Scientific Research Series", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. March 20-21, 2021.
  - March 2021: attended (online) the training program "Faculty Member's Role in Community Engagement System", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. March 3, 2021.
  - March 2021: attended (online) the training program "Visual Content Development Using Visual Imagination Technology", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. March 2, 2021.
  - October 2020: attended (online) the training program "Building Partnership and Community Service in Non-Profit Organizations", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. October 18, 2020.
  - October 2020: attended (online) the training program "Techniques for Activating Laboratory Teaching", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. October 10, 2020.
  - August 2020: attended (online) the training program "Good Laboratory Practice (GLP) According to FDA", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. August 18, 2020.
  - August 2020: attended (online) the training program "Strategies for emotional intelligence and their applications in higher education", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. August 16, 2020.
  - June 2020: attended (online) the third annual conference of the Egyptian Association for Research and Training in Hepatogastroenterology (EARTH) in collaboration with International Association for the Study of the Liver (IASL), World Gastroenterology Organization (WGO), and American College of Gastroenterology (ACG) "Global Issues in Hepatogastroenterology". June 25-26, 2020.
  - November 2019: attended the training program "Simple IT Skills for More Efficient and Outstanding Academics", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. November 26-27, 2019.
  - November 2019: attended the training program "Yokto model and its applications in the care of gifted and talented students", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. November 23, 2019.
  - August 2019: attended the training program "Teaching to Touch the Heart and the Mind", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. August 26, 2019.
  - August 2019: attended the training program "Intellectual Property and Patent Registration", Deanship of Development and Quality Assurance, King Faisal
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- University, Saudi Arabia. August 25, 2019.
- August 2019: attended the training program "Fun Theory and its Applications in Teaching and Learning", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. August 21, 2019.
  - August 2019: attended the training program "Mind-Mapping and Concept-Mapping and their Use for Academic Thinking and Writing", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. August 20, 2019.
  - January 2019: attended the training program "Recent trends in access to knowledge resources", Deanship of Libraries, King Faisal University, Saudi Arabia. January 24, 2019.
  - November 2018: attended the training program "Preparation of Community Service Initiatives", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. November 10, 2018.
  - November 2018: attended the workshop "The Persisted Organic Pollutants (POPs) in Saudi Arabia - The Present Problems and Solution", College of Agricultural and Food Sciences, King Faisal University, Saudi Arabia. November 5-6, 2018.
  - October 2018: attended the training program "Training on Primal Pictures", Deanship of Library Affairs, King Faisal University, Saudi Arabia. October 17, 2018.
  - August 2018: attended the training program "Problem-Solving Learning", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. August 6, 2018.
  - August 2018: attended the training program "Flipped Learning", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. August 5, 2018.
  - July 2018: attended the training program "Managing Active Classrooms", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. July 31, 2018.
  - July 2018: attended the training program "Faculty Member as Leader – Manager: Essential Leadership and Management Skills", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. July 30, 2018.
  - April 2018: attended the workshop "Patent drafting and search in previous technology", The National Research Center for Giftedness and Creativity, King Faisal University, Saudi Arabia. April 26, 2018.
  - March 2018: attended the training program "Motivating and Engaging Students", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. March 8, 2018.
  - January 2018: attended the workshop "Using the Business Model Canvas as an Ideation Teaching Tool", Entrepreneurship Center, School of Business, King Faisal University, Saudi Arabia. January 29, 2018.
  - December 2017: attended the workshop "STEM applications using LEGO", 4<sup>th</sup> Scientific Forum, The National Research Center for Giftedness and Creativity, King Faisal University, Saudi Arabia. December 13, 2017.
  - December 2017: attended the training program "Serious Creative Thinking Based on CoRT Program for Teaching and Developing Thinking", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. December 10-11, 2017.
  - December 2017: attended the workshop "Utilization of Web of Science Databases- Research Benchmark and Valuation", Deanship of Scientific Research, King Faisal University, Saudi Arabia. December 7, 2017.
  - November 2017: attended the international workshop on "Jojoba Reality and Hope", Department of Biotechnology, College of Agricultural and Food Sciences, King Faisal University, Saudi Arabia. November 29, 2017.
  - November 2017: attended the training program "E-Exams Management Skills Using Question Mark Perception", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. November 14-15, 2017.
  - June 2017: completed the National Committee of BioEthics (NCBE, at KACST) Web-based training course "Bioethics online training course". June 7, 2017.
  - January 2017: attended the workshop "Behavioral Pharmacology", 56<sup>th</sup> Annual Conference of the Egyptian Society of Pharmacology and Experimental Therapeutics, the British University in Egypt (BUE), Shorooq City, Egypt. January 28, 2017.
  - January 2017: attended the workshop "Turnitin and iThenticate Anti-plagiarism
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- Programs", College of Clinical Pharmacy, King Faisal University, Saudi Arabia. January 4, 2017.
- December 2016: attended the training program "Constructing Achievement Tests Based on Scientific Criteria", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. December 13-14, 2016.
  - November 2016: attended the training program "How to use McGraw-Hill Online Resources", College of Clinical Pharmacy, King Faisal University, Saudi Arabia. November 30, 2016.
  - November 2016: attended the training program "iThenticate Plagiarism Detection Software Usage", Deanship of Library Affairs, King Faisal University, Saudi Arabia. November 6, 2016.
  - October 2016: attended the workshop "Web of Science", College of Clinical Pharmacy, King Faisal University, Saudi Arabia. October 11, 2016.
  - April 2016: attended the training program "Competitive Research Proposals", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. April 26-27, 2016.
  - April 2016: attended the training program "Project-Based Learning", Deanship of Development and Quality Assurance, King Faisal University, Saudi Arabia. April 24-25, 2016.
  - April 2016: attended the training program "Student Advising and Integrating Soft Skills in teaching and Learning", Deanship of Academic Development, King Faisal University, Saudi Arabia. April 13-14, 2016.
  - April 2016: attended the training program "Diagnosis of Antibodies and Antigens of Different Pathogens Using ELISA Technique", Deanship of Academic Development - Avian Research Center, King Faisal University, Saudi Arabia. April 12-13, 2016.
  - February 2016: attended the training program "Applying Transformational Outcome-Based Education", Deanship of Academic Development, King Faisal University, Saudi Arabia. February 16-18, 2016.
  - February 2016: attended the workshop "EndNote", College of Clinical Pharmacy, King Faisal University, Saudi Arabia. February 15, 2016.
  - November 2015: attended the training program "Student-Centered Learning and Teaching: Concept, Theory and Application", Deanship of Academic Development, King Faisal University, Saudi Arabia. November 18-19, 2015.
  - June 2015: presented the workshop "Structure-Activity Relationship for Cholinergic Agonists and Antagonists", Department of Pharmacology, Faculty of Medicine, Minia University, El-Minia, Egypt. June 15, 2015.
  - June 2015: presented the workshop "Basic & Clinical Pharmacokinetics", Department of Pharmacology, Faculty of Medicine, Minia University, El-Minia, Egypt. June 14, 2015.
  - March 2015: attended the workshop "Course Report", Deanship of Quality Assurance and Academic Accreditation, King Faisal University, Saudi Arabia. March 5, 2015.
  - February 2015: attended the training program "E-survey skills using Survey Monkey", Deanship of Academic Development, King Faisal University, Saudi Arabia. February 24-25, 2015.
  - February 2015: attended the workshop "Intended Learning Outcomes", Deanship of Quality Assurance and Academic Accreditation, King Faisal University, Saudi Arabia. February 22, 2015.
  - February 2015: attended the training program "Prezi Presentation", Deanship of Academic Development, King Faisal University, Saudi Arabia. February 8-9, 2015.
  - December 2014: attended the training program "Strategic Planning Applications in Higher Education", Deanship of Academic Development, King Faisal University, Saudi Arabia. December 21-22, 2014.
  - December 2014: attended the training program "Educational Technology", Deanship of Academic Development, King Faisal University, Saudi Arabia. December 16-17, 2014.
  - December 2014: attended the workshop "Writing, Submitting, and Publishing your Research", Editors of Journal of Clinical Oncology, Riyadh, Saudi Arabia. December 15, 2014.
  - December 2014: attended the training program "Principles of Photoshop", Deanship of Academic Development, King Faisal University, Saudi Arabia. December 7-8, 2014.
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- December 2014: attended the training program "Fundamentals of Visible Learning", Deanship of Academic Development, King Faisal University, Saudi Arabia. December 2-3, 2014.
  - November 2014: attended "Diabetes: Challenges & Update", a conference in Almoosa Specialist Hospital, Al-Ahsa, Saudi Arabia. November 30-December 1, 2014.
  - November 2014: attended the training program "International Criteria for Community Engagement", Deanship of Academic Development, King Faisal University, Saudi Arabia. November 23-24, 2014.
  - November 2014: attended the training program "Learning Outcomes: Concept and Methods of Measurement", Deanship of Academic Development, King Faisal University, Saudi Arabia. November 11-12, 2014.
  - November 2014: attended the symposium "Antibiotic Resistance: the biggest medical problem we face today", College of Medicine, King Faisal University, Saudi Arabia. November 8, 2014.
  - August 2014: attended the training program "Ethics of Scientific Research", Faculty and Leadership Development Center (FLDC), Beni-Suef University, Beni-Suef, Egypt. August 12-13, 2014.
  - August 2014: attended the training program "Credit Hour System", Faculty and Leadership Development Center (FLDC), Beni-Suef University, Beni-Suef, Egypt. August 10-11, 2014.
  - August 2014: attended the training program "University Administration", Faculty and Leadership Development Center (FLDC), Beni-Suef University, Beni-Suef, Egypt. August 3-4, 2014.
  - July 2014: attended the training program "Organizing Scientific Conferences", Faculty and Leadership Development Center (FLDC), Beni-Suef University, Beni-Suef, Egypt. July 22-23, 2014.
  - July 2014: attended the training program "University Legal and Financial Aspects", Faculty and Leadership Development Center (FLDC), Beni-Suef University, Beni-Suef, Egypt. July 15-16, 2014.
  - July 2014: attended the training program "Strategic Planning", Faculty and Leadership Development Center (FLDC), Minia University, El-Minia, Egypt. July 7-8, 2014.
  - March 2014: attended the training program "MS Project", Deanship of Academic Development, King Faisal University, Saudi Arabia. March 16-17, 2014.
  - 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.
  - March 2014: attended "1<sup>st</sup> International Medication Safety Conference in Al-Ahsa", Medication Safety Program, Ministry of Health, Directorate of Health Affairs, Al-Ahsa Pharmaceutical Care Administration, Al-Ahsa, Saudi Arabia. March 5-6, 2014.
  - March 2014: attended the training program "Refworks", Deanship of Academic Development, King Faisal University, Saudi Arabia. March 4-5, 2014.
  - February 2014: attended the training program "Designing Courses that Motivate and Engage Students for Deep Learning", Deanship of Academic Development, King Faisal University, Saudi Arabia. February 18-19, 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 "New trends in Designing Educational Situation", Deanship of Academic Development, King Faisal University, Saudi Arabia. February 9-10, 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.
  - November 2013: attended the training program "Mechanisms of Writing a Scientific
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- Research for Publishing", Deanship of Academic Development, King Faisal University, Saudi Arabia. November 26-27, 2013.
- November 2013: attended the workshop "Peer Review of Classroom Teaching", Deanship of Quality Assurance, King Faisal University, Saudi Arabia. November 6, 2013.
  - September 2013: attended "The Saudi International Conference for Medical Technology, 2013; New insights into the three c's of metabolic syndrome – cause, course and cure of disease", Conference Hall, KACST Headquarters, Riyadh, Saudi Arabia. September 29-30, 2013.
  - May 2013: attended the training session "Proquest and Ebrary online databases", the Central Library, King Faisal University, Saudi Arabia. May 7, 2013.
  - April 2013: attended "4<sup>th</sup> Al-Ahsa Annual World Kidney Day Conference 2013", Al-Jaber Kidney Center, King Fahd Hospital, Al-Ahsa, Saudi Arabia. April 16-17, 2013.
  - April 2013: attended the training program "Thinking Engineering", Deanship of Academic Development, King Faisal University, Saudi Arabia. April 6-7, 2013.
  - March 2013: attended the training session "MD Consult and ClinicalKey", the Central Library, King Faisal University, Saudi Arabia. March 18, 2013.
  - March 2013: attended the training program "Creating Research Capacity", Deanship of Academic Development, King Faisal University, Saudi Arabia. March 11-12, 2013.
  - 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.
  - February 2013: attended the training program "The Way to Patent: Step by Step", Deanship of Academic Development, King Faisal University, Saudi Arabia. February 18-19, 2013.
  - February 2013: attended the training program "Using MS-Publisher", Deanship of Academic Development, King Faisal University, Saudi Arabia. February 16-17, 2013.
  - January 2013: attended the training program "Measuring Student Learning", Deanship of Academic Development, King Faisal University, Saudi Arabia. January 12-13, 2013.
  - December 2012: attended the training program "Course Design", Deanship of Academic Development, King Faisal University, Saudi Arabia. December 29-30, 2012.
  - December 2012: presented the training program "Medical Terminology", Administration of training, research and continuous education, King Fahd Hospital, Al-Ahsa, Saudi Arabia. December 5, 2012.
  - 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.
  - November 2012: attended the training program "Professional Writing Using LATEX", Deanship of Academic Development, King Faisal University, Saudi Arabia. November 10-11, 2012.
  - October 2012: attended the training program "Webpage Design Using FrontPage", Deanship of Academic Development, King Faisal University, Saudi Arabia. October 15-16, 2012.
  - September 2012: attended the training program "Working at Editorial Board in Scientific Journals", Deanship of Academic Development, King Faisal University, Saudi Arabia. September 24-25, 2012.
  - September 2012: attended the seminar "The Value of Electron Microscopy in Today's World of Medical Research", FEI Co., Al-Khobar, Saudi Arabia. September 19, 2012.
  - September 2012: attended the training program "Using Blackboard: Skills and Tools", Deanship of Academic Development, King Faisal University, Saudi Arabia. September 16-18, 2012.
  - March 2012: attended "1<sup>st</sup> Joint Conference (King Fahad Specialist Hospital, Dammam - Roswell Park Cancer Institute - Saudi Cancer Foundation - American Society of Clinical Oncology) – Management of Colon, Breast and Lung Cancer: Update and Future Prospects", Dammam, Saudi Arabia. March 7-8, 2012.
  - March 2012: attended "Oncology Pharmacy Workshop – The Roles of Oncology Pharmacists in an Academic Cancer Center", Dammam, Saudi Arabia. March 8, 2012.
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- February 2012: attended the workshop "Effective Use of E-Learning", Deanship of Academic Development, King Faisal University, Saudi Arabia. February 25-29, 2012.
  - December 2011: attended the training program "Quantitative Research (SPSS)", Deanship of Academic Development, King Faisal University, Saudi Arabia. December 5-6, 2011.
  - November 2011: attended the training program "Strategies of Scientific Research", Deanship of Academic Development, King Faisal University, Saudi Arabia. November 26-27, 2011.
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