

September
2024

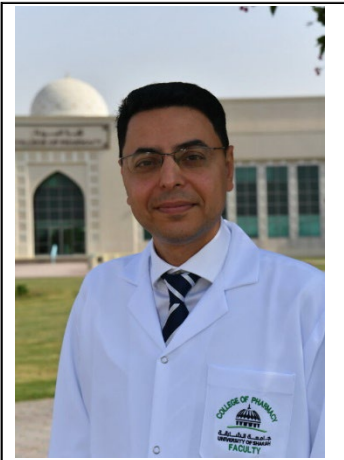
[HANY OMAR]

UNIVERSITY OF SHARJAH
COLLEGE OF PHARMACY

Hany Omar

FACULTY MEMBER CREDENTIALS



	First Name	Hany
	Last Name	Omar
	Job Title	Professor
	Nationality	Egypt
	Gender	Male
	Email	hanyomar@sharjah.ac.ae
	Telephone	06-505-7411
	Room	Office: M23-140, Lab: DF77

EDUCATIONAL BACKGROUND

From Recent to Older

From		To		
MM	YY	MM	YY	
09	2006	10	2010	PhD in Molecular Pharmacology The Ohio State University, Columbus, Ohio USA
01	2001	01	2005	Masters in Pharmaceutical science/ Pharmacology and Toxicology College of Pharmacy, Cairo University Egypt
09	1993	06	1998	Bachelor's in Pharmacy College of Pharmacy, Cairo University, Egypt

PROFESSIONAL SUMMARY

From Recent to Older

From		To		Notes (e.g. To date, on leave, etc)
MM	YY	MM	YY	
09	2024	-	-	Professor , Department of Pharmacy Practice and Pharmacotherapeutics College of Pharmacy, University of Sharjah, United Arab Emirates Current
01	2022	08	2024	Professor and Chairman , Department of Pharmacy Practice and Pharmacotherapeutics College of Pharmacy, University of Sharjah, United Arab Emirates To 2024
01	2020	01	2022	Associate Professor and Chairman , Department of Pharmacy Practice and Pharmacotherapeutics College of Pharmacy, University of Sharjah, United Arab Emirates To 2022
09	2017	01	2020	Associate Professor and Vice-Dean , College of Pharmacy, University of Sharjah, United Arab Emirates To 2020
09	2013	09	2017	Assistant Professor of Pharmacology and Toxicology, College of Pharmacy, University of Sharjah, United Arab Emirates To 2017
12	2010	09	2013	Assistant Professor of Pharmacology & Toxicology, Faculty of Pharmacy, Beni-Suef University, Egypt. To 2013
12	2010	10	2011	Postdoctoral fellow , Ohio State University Comprehensive Cancer Center –James Cancer Hospital & College of Pharmacy, Columbus, OH, USA. To 2011
09	2006	12	2010	Teaching Assistant and Graduate Research Associate, College of Pharmacy, Ohio State Biochemistry Program (OSBP), The Ohio State University, Columbus, OH, USA. To 2010

PUBLICATIONS (SELECTED)

From Recent to Older

YY	
2024	Nadin H Sarg, Fatema H Hersi, Dana M Zaher, Alaa O Hamouda, Sara I Ibrahim, Hesham R El-Seedi, <u>Hany A Omar</u> . Unveiling the therapeutic potential of Taxifolin in Cancer: From molecular mechanisms to immune modulation and synergistic combinations. <i>Phytomedicine</i> . 2024 Oct;133:155934 DOI: https://doi.org/10.1016/j.phymed.2024.155934
2024	Nadin H. Sarg, Dana M. Zaher, Nour N. Abu Jayab, Salma H. Mostafa, Hussein H. Ismail, <u>Hany A. Omar</u> . The interplay of p38 MAPK signaling and mitochondrial metabolism, a dynamic target in cancer and pathological contexts. <i>Biochemical Pharmacology</i> , May 2024, 116307. DOI: https://doi.org/10.1016/j.bcp.2024.116307 .
2024	Elgendy SM, Zaher DM, Sarg NH, Abu Jayab NN, Alhamad DW, Al-Tel TH, Omar HA*. Autophagy inhibition potentiates energy restriction-induced cell death in hepatocellular carcinoma cells. <i>IUBMB Life</i> . 2024 Mar 18. https://doi.org/10.1002/iub.2816 .
2023	Anbar HS, Vahora NY, Shah HL, Azam MM, Islam T, Hersi F, Omar HA, Dohle W, Potter BVL, El-Gamal MI. Promising drug candidates for the treatment of polycystic ovary syndrome (PCOS) as alternatives to the classical medication metformin. <i>European Journal of Pharmacology</i> . 2023 Oct 16;176119. https://doi.org/10.1016/j.ejphar.2023.176119 .
2023	F. Hersi, A. Sebastian, H. Tarazi, V. Srinivasulu, A. Mostafa, A.K. Allayeh, C. Zeng, I.Y. Hachim, SL. Liu, I.A. Abu-Yousef, A.F. Majdalawieh, D.M. Zaher, <u>H.A. Omar*</u> , T.H. Al-Tel. Discovery of novel papain-like protease inhibitors for potential treatment of COVID-19. <i>European Journal of Medicinal Chemistry</i> , 2023, June 5;254: 115380 https://doi.org/10.1016/j.ejmech.2023.115380
2023	SA. Al-Shamma, DM. Zaher, Fatema Hersi, Nour N. Abu Jayab, <u>Hany A. Omar*</u> . Targeting aldehyde dehydrogenase enzymes in combination with chemotherapy and immunotherapy: An approach to tackle resistance in cancer cells. <i>Life Sciences</i> 2023, May 1;320:121541. https://doi.org/10.1016/j.lfs.2023.121541
2022	Amany A. Azouz, Fatema Hersi, Fares E. M. Ali, Asmaa M. M. Hussein Elkelawy, <u>Hany A. Omar*</u> . Renoprotective effect of vinpocetine against ischemia/reperfusion injury: modulation of NADPH oxidase/Nrf2, IKK β /NF- κ B p65, and cleaved caspase-3 expressions. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022 Jul;36(7):e23046. https://doi.org/10.1002/jbt.23046
2022	Anbar HS, Shehab NG, El-Rouby NMM, Ansari MA, Chenoth H, Majeed M, Naem K, Hersi F, <u>Omar HA*</u> . Upadacitinib protects against cisplatin-induced renal and hepatic dysfunction without impairing its anticancer activity. <i>European Journal of Pharmaceutical Sciences</i> , 2022 May 1;172:106149. https://doi.org/10.1016/j.ejps.2022.106149
2021	Noura Khaiwa, Noor R. Maarouf, Mhd H. Darwish, Dima W.M. Alhamad, Anusha Sebastian, Mohamad Hamad, <u>Hany A. Omar</u> , GorkaOrive, Taleb H.Al-Tel Camptothecin's Journey from Discovery to WHO Essential Medicine: Fifty Years of Promise. <i>European Journal of Medicinal Chemistry</i> , 2021, Nov 5;223: 113639 https://doi.org/10.1016/j.ejmech.2021.113639

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2021	Samir A. Salama, and <u>Hany A. Omar</u> . Modulating NF- κ B, MAPK, and PI3K/AKT signaling by ergothioneine attenuates iron overload-induced hepatocellular injury in rats. <i>Journal of Biochemical and Molecular Toxicology</i> 2021 Feb 13:e22729; https://doi.org/10.1002/jbt.22729
2020	Sara M. Elgendy, Shatha K. Alyammahi, Dima W. Alhamad, Shifaa M. Abdin, <u>Hany A. Omar*</u> . Ferroptosis: An emerging approach for targeting cancer stem cells and drug resistance. <i>Critical Reviews in Oncology/Hematology</i> , 2020, Nov; 155: 103095 https://doi.org/10.1016/j.critrevonc.2020.103095
2020	El-Shaimaa A. Arafa, Wafaa R. Mohamed, Dana M. Zaher, <u>Hany A. Omar*</u> . Gliclazide attenuates acetic acid-induced colitis via the modulation of PPAR γ , NF- κ B and MAPK signaling pathways. <i>Toxicology and Applied Pharmacology</i> , 2020, Feb, 391, 114919 https://doi.org/10.1016/j.taap.2020.114919
2020	Fatema Hersi, <u>Hany A. Omar*</u> , Raed A. Al-Qawasmeh, Zainab Ahmad, Areej M. Jaber, Dana M. Zaher, Taleb H. Al-Tel. Design and synthesis of new energy restriction mimetic agents: Potent anti-tumor activities of hybrid motifs of aminothiazoles and coumarins. <i>Scientific Reports</i> , 2020, Feb 19;10(1):2893. https://doi.org/10.1038/s41598-020-59685-x
2019	<u>Hany A. Omar*</u> , Ahmed T. El-Serafi, Fatema Hersi, El-Shaimaa A. Arafa, Dana M. Zaher, Mohamed Madkour, Hany H. Arab and Mai F. Tolba. Immune-Modulatory MicroRNAs and Cancer Immune Evasion. <i>The FEBS Journal</i> , 2019, Jul 15. ; 286 (18): 3540–3557 https://doi.org/10.1111/febs.15000
2018	Srinivasulu V, Schilf P, Ibrahim S, Khanfar MA, Sieburth SM, <u>Omar Hany</u> , Sebastian A, AlQawasmeh RA, O'Connor MJ, Al-Tel TH. Multidirectional Desymmetrization of Pluripotent Building Block en Route to Diastereoselective Synthesis of Complex Nature-Inspired Scaffolds. <i>Nature Communication</i> 2018, Nov 26;9(1):4989. https://doi.org/10.1038/s41467-018-07521-2

PROFESSIONAL MEMBERSHIPS

YY	Name of Organization / Society
2016-Present	European Society for Medical Oncology
2010 -Present	American Society for Pharmacology and Experimental Therapeutics (ASPET)
2009 -Present	American Association for Cancer Research (AACR)
2009 -Present	The Egyptian Society of Pharmacology and Experimental Therapeutics.
2009 -Present	The American Association of Pharmaceutical Scientists (AAPS)
2008 -Present	American Society Clinical Pharmacology Therapeutics.
2007 -Present	American Society for Biochemistry and Molecular Biology.
1998 -Present	The General Syndicate of Pharmacists in Egypt.
1998 -Present	The Egyptian Association of Pharmacists