

# Curriculum Vitae

## Alaadin El-Sayed El-Haddad, Ph.D

Associate Professor - Pharmacognosy Department  
Faculty of Pharmacy - October 6 University



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Scopus

<https://08105lvu7-1106-y-https-www-scopus-com.mplbci.ekb.eg/authid/detail.uri?authorId=57221928865>

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Personal Information			
Information	Egyptian – Muslim – Married, Date of Birth: 15/1/1982.		
Education			
Bachelor`s degree 2003	Bachelor`s degree of pharmaceutical sciences, Faculty of pharmacy – October 6 University (Excellent with honor degree)		
M.SC degree 2010	Master degree in Pharmaceutical Sciences (Pharmacognosy) Faculty of Pharmacy – Helwan University "Phytochemical and Biological Study of Seeds of <i>Moringa peregrina</i> Forssk (Moringaceae)"		
Ph.D degree 2014	Degree of Doctor of Philosophy in Pharmaceutical Sciences (Pharmacognosy) Faculty of Pharmacy – Helwan University "Phytochemical and Biological Study of <i>Caesalpinia gilliesii</i> (Caesalpinaceae) Growing in Egypt"		
Memberships and Professional Jobs			
	Name	Organization	Year
	• Pharmacist- Owner	ElHaddad Pharmacy	2003 till now
	• Demonstrator and Assistant Lecturer	Department of Pharmacognosy	2003 - 2014
	• Lecturer and Associate professor		2014 till now
	• Member in Quality Assurance Unit (Community Participation and Environmental Development Committee).	Faculty of Pharmacy October 6 University	2010 - 2015
	• Director of Registration and Academic Guidance unit.		2015 till now
	• University Student Affairs Committee		2015 till now
	• Program Coordinator (Credit hours program- Pharm-D program)		2015 till now

Teaching experience	
Undergraduate Courses	Pharmacognosy, Phytochemistry, Chromatography, Nutraceuticals and food supplements, biotechnology of medicinal plants, Herbal Quality Control, Processing of Medicinal Plants
Postgraduate Courses	Plant tissue culture, Advanced phytochemistry
Areas of Strength	
<p>➤ <b>Phytochemical techniques:</b></p> <ul style="list-style-type: none"> <li>➤ Complete perfection of laboratory skills &amp; research management.</li> <li>➤ Solid background of Phytochemistry and Chromatographic techniques.</li> <li>➤ Microscopical and macroscopical examination of medicinal plants.</li> <li>➤ Isolation and identification of medicinal plant constituents.</li> <li>➤ Structure elucidation techniques: 1D and 2D NMR, MS, UV and IR.</li> <li>➤ Microbial biotransformation and bioconversion of natural products.</li> <li>➤ Virtual Docking Screen (VLS) using molecular modelling software.</li> </ul> <p>➤ <b>Biological techniques:</b></p> <ul style="list-style-type: none"> <li>➤ Solid background of general biology, <i>in-vitro</i>, and <i>in-vivo</i> studies.</li> </ul>	
Publications	
1	Koheil M., Hussein M., Othman S., <u>El Haddad A.</u> Anti-inflammatory and antioxidant activities of <i>Moringa peregrina</i> seeds. <i>Free Rad Antiox</i> 2011; 1(2):48–60.
2	Koheil MA, Hussein MA, Othman SM, <u>El-Haddad AE.</u> In-vivo antioxidant activity of <i>Moringa peregrina</i> against STZ–induced oxidative stress in type-2 diabetic rats. <i>Molecular &amp; Clinical Pharmacology</i> , 2013; 4(1):65–75.
3	Osman SM., Alazzouni AS., El-khalek SM., Koheil MA., <u>El-Haddad AE.</u> Phytoconstituents and biological activities of the aerial parts of <i>Caesalpinia gilliesii</i> growing in Egypt. <i>Life Science Journal</i> . 2013; 10, 2418-2430.
4	Osman SM., Abd El-Khalik SM., <u>El-Haddad AE.</u> , Wink E. A new steroidal compound ( $\beta$ -sitosterol-3-O-butyl) isolated from <i>Caesalpinia gilliesii</i> flowers. <i>International Journal of Applied Research in Natural Products</i> . 2015, 8 (2), 14-19.
5	Osman SM., <u>El-Haddad AE.</u> , El-Raey MA., Abd El-Khalik SM., Koheil MA., Wink M. A New Octadecenoic Acid Derivative from <i>Caesalpinia gilliesii</i> Flowers with Potent Hepatoprotective Activity. <i>Pharmacognosy Magazine</i> , 2016, 12 (48), 5232-5236.
6	Emam M., El Raey MA., Eisa WH., <u>El-Haddad AE.</u> , Osman SM., El-Ansari MA., Rabie AM. Green Synthesis of Silver Nanoparticles from <i>Caesalpinia gilliesii</i> (Hook) leaves: antimicrobial activity and in vitro cytotoxic effect against BJ-1 and MCF-7 cells. <i>Journal of Applied Pharmaceutical Science</i> , 2017; 7(08), 226-233.
7	Boshra, SA., and <u>El-Haddad AE.</u> "The protective effects of MPLC isolated glycyrrhizin and mangiferin against brain toxicity in rats." <i>Medicinal Chemistry Research</i> (2018): 27:1449–1459.
8	<u>El-Haddad AE</u> , Sheta NM, Boshra SA. Isolation, Formulation, and Efficacy Enhancement of Morin Emulsified Carriers Against Lung Toxicity in Rats. <i>AAPS PharmSciTech</i> . 2018, 19(5), 2346- 2357.
9	El-Gizawy HA., Al-azzouni AS., <u>El-Haddad AE.</u> Pharmacognostical and Biological Studies of <i>Delonix regia</i> growing in Egypt: HPLC study. <i>Pharmacogn. Commn.</i> 2018; 8(3): 125-131.
10	Emam M, El Raey M, <u>El-Haddad A</u> , El Awdan S, Rabie AG, El-Ansari M, Sobeh M, Osman S, Wink M. A New Polyoxygenated Flavonol Gossypetin-3-O- $\beta$ -d-Robinoside from <i>Caesalpinia gilliesii</i> (Hook.) D. Dietr. and <i>In Vivo</i> Hepatoprotective, Anti-Inflammatory, and Anti-Ulcer Activities of the Leaf Methanol Extract. <i>Molecules</i> . 2019, 24(138), 1-12.

11	<u>El Haddad AE</u> , AL-Shareef W, Eid S. Validated HPLC Determination of the Potential Anti- <i>Helicobacter pylori</i> , Lepidine, in <i>Lepidium sativum</i> Seeds Assessed by Molecular Docking Study. <i>Journal of Advanced Pharmacy Research</i> . 2019, 1;3(3):143-9.
12	<u>El-Haddad AE</u> , El-Deeb EM, Koheil MA, El-Khalik SM, El-Hefnawy HM. Nitrogenous phytoconstituents of genus <i>Moringa</i> : spectrophotometrical and pharmacological characteristics. <i>Medicinal Chemistry Research</i> . 2019, 28:1591–1600.
13	<u>El-Haddad AE</u> , Saadeldeen AM, El-Emam SZ. Anti-angiogenic Activity of Major Phenolics in Tamarind Assessed with Molecular Docking Study on VEGF Kinase Proteins. <i>Pakistan Journal of Biological Sciences</i> . 2019;22: 502-9.
14	El-Halim SM, Mamdouh MA, <u>El-Haddad AE</u> , Soliman SM. Fabrication of Anti-HSV-1 Curcumin Stabilized Nanostructured Proniosomal Gel: Molecular Docking Studies on Thymidine Kinase Proteins. <i>Scientia Pharmaceutica</i> . 2020;88(1):9.
15	Nazeam JA, AL-Shareef WA, Helmy MW, <u>El-Haddad AE</u> . Bioassay-guided isolation of potential bioactive constituents from pomegranate agrifood by-product. <i>Food Chemistry</i> . 326 (2020) 126993.
16	<u>El-Haddad, A.E.</u> , A.S. Saad, S.Z. El-Emam and A.A. Amer. Correlation of chillies capsaicinoids contents with their cytotoxic effects against hepatocarcinoma cells. <i>Pak. J. Biol. Sci.</i> , (2021) 24: 219-226.
17	Gendy, A., Elnagar, M. R., Soubh, A., Al-Mokaddem, A., <u>El-Haddad, A.</u> , & El-Sayed, M. K. Morin alleviates hepatic ischemia/reperfusion-induced mischief: <i>In vivo</i> and in silico contribution of Nrf2, TLR4, and NLRP3. <i>Biomedicine &amp; Pharmacotherapy</i> , 138 (2021), 111539.
18	<u>El-Haddad, A.</u> , El-Deeb, E., Amer, A., Saadeldeen, A., Ahmed, F., Salem, M., Taha, H. Bioactive Phytoconstituents of <i>Morus</i> Plants exhibiting Numerous Therapeutic Activities. <i>Egyptian Journal of Chemistry</i> , 2021.
19	El-Mancy, S.S.; <u>El-Haddad, A.E.</u> ; Alshareef, W.A.; Saadeldeen, A.M.; El-Emam, S.Z.; Elnahas, O.S. Enhancement of Antimicrobial and Antiproliferative Activities of Standardized Frankincense Extract Using Optimized Self-Nanoemulsifying Delivery System. <i>Sci. Pharm.</i> 2021, 89(3), 36.
20	Gendy AM, Elnagar MR, Allam MM, Mousa MR, Khodir AE, <u>El-Haddad AE</u> , Elnahas OS, Fayez SM, El-Mancy SS. Berberine-loaded nanostructured lipid carriers mitigate warm hepatic ischemia/reperfusion-induced lesion through modulation of HMGB1/TLR4/NF-κB signaling and autophagy. <i>Biomedicine &amp; Pharmacotherapy</i> . 145 (2022) 112122.
21	Soliman SS, <u>El-Haddad AE</u> , Sedik GA, Elghobashy MR, Zaazaa HE, Saad AS. Experimentally designed chemometric models for the assay of toxic adulterants in turmeric powder. <i>RSC advances</i> . 2022;12(15):9087-94.
22	El Gizawy HA, <u>El-Haddad AE</u> , Attia YM, Fahim SA, Zafer MM, Saadeldeen AM. In Vitro Cytotoxic Activity and Phytochemical Characterization (UPLC/T-TOF-MS/MS) of the Watermelon ( <i>Citrullus lanatus</i> ) Rind Extract. <i>Molecules</i> . 2022, 12;27(8):2480.
23	El Gizawy, H.A.; <u>El-Haddad, A.E.</u> ; Saadeldeen, A.M.; Boshra, S.A. Tentatively Identified (UPLC/T-TOF-MS/MS) Compounds in the Extract of <i>Saussurea costus</i> Roots Exhibit In Vivo Hepatoprotection via Modulation of HNF-1α, Sirtuin-1, C/ebpα, miRNA-34a and miRNA-223. <i>Molecules</i> 2022, 27.
24	<u>El-Haddad, A.</u> , Gendy, A., Amin, M., Alshareef, W., & El Gizawy, H. Comparative characterization of carob pulp and seeds extracts: HPLC, antimicrobial, anti-inflammatory, and cytotoxic studies. <i>Egyptian Journal of Chemistry</i> , (2022), 65(10), 279-284.
25	Khattab, A. R., Rasheed, D. M., <u>El-Haddad, A. E.</u> , Porzel, A., Wessjohann, L. A., & Farag, M. A. Assessing phytoequivalency of four Zingiberaceae spices (galangals, turmeric and ginger) using a biochemometric approach: A case study. <i>Industrial Crops and Products</i> , (2022),188, 115722.
26	Gendy, A.M.; El-Gazar, A.A.; Ragab, G.M.; Al-Mokaddem, A.K.; <u>El-Haddad, A.E.</u> ; Selim, H.M.R.M.; Yousef, E.M.; Hamed, N.O.; Ibrahim, S.S.A. Possible Implication of Nrf2, PPAR-γ and MAPKs Signaling in the Protective Role of Mangiferin against Renal Ischemia/Reperfusion in Rats. <i>Pharmaceuticals</i> 2023, 16, 6. <a href="https://doi.org/10.3390/ph16010006">https://doi.org/10.3390/ph16010006</a>

27	Gendy, A.M., El-Sadek, H.M., Amin, M.M., Ahmed, K.A., El-Sayed, M.K., <u>El-Haddad, A.E.</u> , Soubh, A., 2023. Glycyrrhizin prevents 3-nitropropionic acid-induced neurotoxicity by downregulating HMGB1/TLR4/NF- $\kappa$ B p65 signaling, and attenuating oxidative stress, inflammation, and apoptosis in rats. <i>Life Sci.</i> 314, 121317. <a href="https://doi.org/10.1016/j.lfs.2022.121317">https://doi.org/10.1016/j.lfs.2022.121317</a>		
28	Gendy AM, Soubh A, Elnagar MR, Hamza E, Ahmed KA, Aglan A, <u>El-Haddad AE</u> , Farag MA, El-Sadek HM. New insights into the role of berberine against 3-nitropropionic acid-induced striatal neurotoxicity: Possible role of BDNF–TrkB–PI3K/Akt and NF- $\kappa$ B signaling. <i>Food and Chemical Toxicology.</i> 2023 Mar 11:113721. <a href="https://doi.org/10.1016/j.fct.2023.113721">https://doi.org/10.1016/j.fct.2023.113721</a>		
<b>Journal Reviewer Board</b>			
1	Journal of Advanced Pharmacy Research	Helwan University	2018
2	Journal of Experimental Pharmacology	Dove Medical Press Ltd	2021
3	Azhar International Journal of Pharmaceutical and Medical Sciences	Al-Azhar University	2021
<b>Thesis Supervision</b>			
1	A Phytochemical and Biological Study of <i>Zygophyllum coccineum</i> (Zygophyllaceae) growing in Egypt	Master thesis Cairo university	2021
2	Evaluation of the Pharmacological Activities and Phytochemical Analysis of some plants belonging to Genus <i>syzygium</i> (Myrtaceae)	Master thesis Al-Azhar university	2021
3	Phytochemical & biological studies of a wild plant belonging to family Zygophyllaceae growing in Egypt	Ph.D thesis Helwan university	2022
4	Phytochemical and biological studies of a wild plant belong to family Fabaceae growing in Egypt	Master thesis October 6 university	2022
<b>Thesis Discussion and Judgment Committee</b>			
1	Phytochemical Analysis of <i>Chenopodium quinoa</i> seeds and evaluation of its nutritional value as food supplement	German university in Cairo (GUC)	2021
<b>Conferences – Poster Participation or Attendance</b>			
1	<u>El-Haddad AE</u> , Osman SM., Koheil MA., Abd El-khalik SM., El-hefnawy HM. Nutritional value and lipid composition of <i>Moringa peregrina</i> Seeds (AL-YASSAR) growing in Egypt. 32 <sup>th</sup> Scientific Conference of Egyptian Pharmaceutical Society, Cairo, Egypt, 2011.		
2	M.A. Koheil, S.M. Abd El-Khalik, S.M. Osman, A.S. Al Azzouni and <u>A.E. El-Haddad</u> . Phytoconstituents and Biological Activities of The Aerial Parts of <i>Caesalpinia gilliesii</i> (Hook) Family Caesalpinaceae Growing in Egypt. 4 <sup>th</sup> International Scientific Conference of Faculty of Pharmacy, Cairo University, Cairo, Egypt, 2013.		
3	<u>El-Haddad AE.</u> , Koheil MA, Abd El-Khalik SM., El-Hefnawy HM., Al-Azzouni AS., Osman SM. Antihyperglycemic activity and nitrile glycosides of <i>Moringa peregrina</i> (Forssk.) seeds. 4 <sup>th</sup> Euro Mediterranean Conference of Natural Products, Cairo, Egypt, 2015.		
4	The National Authority for Quality Assurance and Accreditation of Education “NAQAAE” Conference (Towards a Paradigm Shift in Higher Education), Cairo, Egypt, 2015.		
5	El-Gizawy HA. and <u>El-Haddad AE</u> . Pharmacognostical And Biological Studies of <i>Delonix Regia</i> Growing In Egypt. 8 <sup>th</sup> International Scientific Conference of Faculty of Pharmacy, Cairo University, Cairo, Egypt, 2017		
6	Boshra SA. and <u>El-Haddad AE</u> . The Protective Effects of Glycyrrhizin and Mangiferin against Brain Toxicity in Rats. 8 <sup>th</sup> International Scientific Conference of Faculty of Pharmacy, Cairo University, Cairo, Egypt, 2017.		

7	Annual Symposium in Recent Advances in Plant Biotechnology, National research center, Cairo, Egypt, 2017.
8	El-Haddad A. E., Sheta N. M. and Boshra S. A., Isolation, Formulation and Efficacy enhancement of Morin against Lung Toxicity in Rats. 34 <sup>th</sup> International Scientific Conference of Pharmaceutical Sciences-Egyptian Pharmaceutical Society, Cairo, Egypt, 2017.
9	Saadelddeen A. M. and El-Haddad A. E., Phenolics of <i>Tamarindis indica</i> : HPLC Quantification. 2 <sup>nd</sup> International Pharma Conference, Helwan university, Cairo, Egypt, 2018.
10	Badr University in Cairo Conference of Pharmaceutical Sciences (BUCPS), 1 <sup>st</sup> conference, November 2021.
11	Helwan Pharmacy Webinars, Let's talk science webinar, September 2022, Marine Natural Products Drug leads for Development of Host directed therapies to manage 21 <sup>st</sup> century Pandemics

### Attended Courses / Workshops

	Name	Year
	• ICDL, UNESCO	2010
	• Training Course in ILOs	2012
	• Teaching Methods	2013, 2014
	• Credit hours system	2015
	• University Academic Programs	2016
	• Design and Molecular Docking	2016
	• Molecular Docking and Pharmacophores	2018
	• Strategic Planning	2019, 2022
	• Self-evaluation of Institutions	2019