

# Curriculum Vitae



<b>I- Personal information:</b>	
1) <b>Full Name:</b>	▪ Ayat Mohamed Emad El Deen
2) <b>Title:</b>	▪ Lecturer- Pharmacognosy Department- October 6 University
3) <b>Nationality:</b>	▪ Egyptian
4) <b>Date of birth:</b>	▪ 9/9/1983
5) <b>Place of birth:</b>	▪ Cairo - Egypt
6) <b>Marital status:</b>	▪ Married
7) <b>Address:</b>	▪ Faculty of Pharmacy, October 6 University
8) <b>E-Mail:</b>	▪ ayatemad@o6u.edu.eg
9) <b>H-Index (according to Scopus):</b>	▪ 4
10) <b>Website:</b>	▪ <a href="https://scholar.google.com/citations?user=CZqLQpAAAAAJ">https://scholar.google.com/citations?user=CZqLQpAAAAAJ</a>
11) <b>ORCID:</b>	▪ 0000-0003-2654-6557
12) <b>Scopus author ID:</b>	▪ 57211575270
<b>II- Education:</b>	<ul style="list-style-type: none"> <li>• Bachelor's degree of pharmaceutical sciences, Faculty of Pharmacy, October 6<sup>th</sup> University (2005) Excellent Degree with honor.</li> <li>• Master's degree in Pharmaceutical Sciences (Pharmacognosy) March 2011, Faculty of Pharmacy, Cairo University, Egypt. <b>M. Sc. Thesis: A Phytochemical and Biological Study of <i>Olea europaea</i> L. (Family Oleaceae) Growing in Egypt.</b></li> <li>• Ph.D. degree in Pharmaceutical Sciences (Pharmacognosy) November 2019, Faculty of Pharmacy, Cairo University, Egypt. <b>Ph. Sc. Thesis: Development of Standardized Extracts Against Oxidative Stress from Certain Plants Belonging to family Apiaceae Cultivated in Egypt.</b></li> </ul>



<p><b>III- Professional occupations:</b></p>	<ul style="list-style-type: none"> <li>➤ <b>Nov. 2019 – Current, Lecturer</b> in Pharmacognosy Department- Faculty of Pharmacy- October 6<sup>th</sup> University.</li> <li>➤ <b>March 2011 - Sep. 2019, Assistant Lecturer</b> in Pharmacognosy department, Faculty of pharmacy, October 6<sup>th</sup> University.</li> <li>➤ <b>Sep. 2005 - Feb. 2011, Demonstrator</b> in Pharmacognosy department, Faculty of pharmacy, October 6<sup>th</sup> University.</li> </ul>
<p><b>IV- Experience:</b></p>	<ul style="list-style-type: none"> <li>➤ Specializing in untargeted metabolic profiling of secondary metabolites using UPLC-PDA-ESI/MS, natural products chemistry.</li> <li>➤ Operating different analytical instruments (MPLC, spectrophotometer and EPR) of several brands viz. Agilent, Waters and Beckman.</li> <li>➤ Attending several training courses of the “National Authority for Quality Assurance and Accreditation of Education- NAQAAE”.</li> </ul>
<p><b>a) Teaching experience:</b></p>	<p><b>Practical courses “Botany and Medicinal plants” (2006 - 2008):</b> first level students</p> <p><b>Practical courses “Pharmacognosy I &amp;II” (2006 - 2019):</b> second level students</p> <p><b>Practical courses “Phytochemistry I, II &amp; III” (2006 - 2019):</b> third &amp; fourth level student</p> <p><b>Practical courses “Herbal medicines” (2018 - 2019):</b> third &amp; fourth level students</p> <p><b>“Production and Manufacture of Medicinal Plants”/ “Processing of Medicinal Plants” (2019 - 2021):</b> fifth level students</p> <p><b>Practical course “Nutraceuticals and Food Supplements” (2020):</b> fourth level students</p> <p><b>2019-2023: Fifth level students</b></p> <p><b>Theoretical course (Processing of Medicinal Plants) 2021-2022: Third year students</b></p> <p><b>Theoretical Course of (Phytochemistry I) 2022-2023: from third to fifth levels students</b></p> <p><b>Theoretical &amp; Practical course (Applied Chromatography) 2023-2024: First-level Students</b></p> <p><b>Theoretical &amp; Practical course (Medicinal Plants) 2020-2022: Postgraduate students</b></p> <p><b>Theoretical Course of (Application of Spectroscopy for Natural Products (Structure Elucidation)</b></p>
<p><b>b) Research experience and list of publications:</b></p>	<ol style="list-style-type: none"> <li>1. Rasheed DM, Emad AM, Ali SF, et al. (2021). <b>UPLC-PDA-ESI/MS metabolic profiling of dill shoots bioactive fraction; evidence of its antioxidant and hepatoprotective effects in vitro and in vivo.</b> J. Food Biochem 45: 1–16.</li> <li>2. Emad, A.M.; Ali, S.F.; Abdel-Rahman, E.A.; Meselhy, M.R.; Farag, M.A.; Ali, S.S.; Abdel-Sattar, E.A. <b>Anti-inflammatory and antioxidant effects of Apium graveolens L. extracts</b></li> </ol>



mitigate against fatal acetaminophen-induced acute liver toxicity. J. Food Biochem. 2020, 44, 1–17.

3. Emad, A.M.; Rasheed, D.M.; El-Kased, R.F.; El-Kersh, D.M. **Antioxidant, antimicrobial activities and characterization of polyphenol-enriched extract of Egyptian celery (*Apium graveolens* L., Apiaceae) aerial parts via UPLC.** Molecules 2022, 27, 698.
4. El-Gazar, A.A.; Emad, A.M.; Ragab, G.M.; Rasheed, D.M. ***Mentha pulegium* L. (Pennyroyal, Lamiaceae) extracts impose abortion or fetal-mediated toxicity in pregnant rats; evidenced by the modulation of pregnancy hormones, MiR-520, MiR-146a, TIMP-1 and MMP-9 protein expressions, inflammatory state, certain related signaling pathways, and metabolite profiling via UPLC-ESI-TOFMS.** Toxins 2022, 14, 347.

c) **Training and Attendance of conferences :**

2011	Poster presentation at 32 nd Conference of Pharmaceutical Sciences, Egyptian Pharmaceutical Society, December, 20th - 22nd, 2011, shared with poster under the name of: Hypoglycemic, hepatoprotective and anti-inflammatory effects of a standardized olive leaves extract.
2014	Training course entitled “Skills upgrading of staff faculty members”
2015	Training course entitled “Teaching strategies and effective learning”
2016	Training course entitled “Exams systems and students assessment methods”
2016	Training course entitled “Education programs and courses specifications and evaluation of learning outcomes for H.E. institutes”
2018	Workshop for Effective Academic Writing
2019	Training course entitled “Self-evaluation of colleges and institutes of higher education”
2019	Training course entitled “Standard qualification of academic lecturer”
2021	التعريف ببراءة الاختراع والملكية الفكرية وانواعها



كلية الصيدلة  
Faculty of Pharmacy



جامعة ٦ أكتوبر  
October 6 University

2021	Measures of infection control
2021	التسجيل والإرشاد الأكاديمي
2022	GNPs Molecular Networking in Natural Products
2022	Attendee 7 <sup>th</sup> International Conference of Faculty of Pharmacy, Al Azhar University
2022	ندوة بعنوان النشر الدولي للبحوث العلمية
2022	ندوة بعنوان اتخاذ القرار وحل المشكلات
2022	نظم الامتحانات وأساليب التقويم
2022	Introductory bioinformatics training workshop
2022	ورشة عمل عن تحليل الأسئلة الموضوعية للامتحانات" النظرية والتغذية
2022	أسس الممارسة الجيدة لليقظة الدوائية
2023	التفكير الناقد
2023	Blueprint
2023	التحول الرقمي