

Curriculum Vitae



Name	First	Middle	Family		
	Mouchira	Aly Choucry	Chaaban		
Title	Title		Department		
	Associate professor		Pharmacognosy		
E-mail	mouchira.choucry@pharma.cu.edu.eg				
	mshoucry@ecu.edu.eg				
website: http://scholar.cu.edu.eg/mouchira_aly_choucry					
Nationality		Egyptian.			
Education					
	Languages	English, French and Arabic.			
	School	Saint Vincent De Paul.			
	Most Recent Degree	PhD. in pharmacognosy.			
	Title of Thesis	-Quality Control OF Certain Sedative Phytomedicines. -Pharmacognostical and Biological Study of Certain Aloe Species Cultivated in Egypt.			
	Specialization	Pharmacognosy			
	University Attended	Cairo-University			
Experience					
A. Teaching Experience					
	Undergraduate Courses	Course Title	Course Code	University	Remarks
		-Botany&Medicinal Plant(1-st year, 1-st term)	201	Cairo (CU)	
		-Pharmacognosy 1 (1-st year,2-nd term)	202	Cairo (CU)	
		- Pharmacognosy 2 (2-nd year,1-st term)	203	Cairo (CU)	

	-Pharmacognosy 2 (Fall semester)		6-th October University	
	-Applied pharmacognosy	208	6-th October University	
	-Quality Control & Natural Products (5-th year, 2-nd term)	PG 606	Cairo (CU)	
	&			
	-(level 3, Spring Summer semester)	PG 101	Cairo Clinical pharmacy	
	-(level 1, Fall semester)	PCG 322	Cairo Clinical pharmacy	
	-Phytochemistry 2 (level 3, Spring semester)	PCG 321	Ahram Canadian University (ACU)	
	-Phytochemistry 1 (level 3, Summer course)	PCG 323	(ACU)	
	&			
	-Chromatography (level 3, Summer course)	PCG 323	(ACU)	
	-Chromatography (level 3, Fall semester)	PCG 222	(ACU)	
	-Pharmacognosy 2 (level 2, Fall semester)	PHG 101	(ACU)	
	-General Botany & Medicinal plants (level 1, Spring semester)	PHG 101	Future University in Egypt (FUE)	
	-(level 1, Fall semester)	PHG 101	(FUE)	

	- (level 1, Spring semester)	PHG 101	(FUE)	
	- (level 1, Summer semester)	PHG 101	(FUE)	
	- (level 1, Fall semester) Herbal medicine	PHG 303	(FUE)	
	- (level 1, Fall semester) General Botany & Medicinal plants.	PHG 3200 & PG 101	Heliopolis University (HU)	
	- (level 1, Fall semester) Medicinal plants.	PG 101	Egyptian Chinese University (ECU)	
	- (level 1, Spring semester) Pharmacognosy 1	PG 202	Egyptian Chinese University (ECU)	
	- (level 1, Spring semester) Pharmacognosy 1	PHG 3211 & PG 202	(HU)	
	- (Level 3, Summer) Quality Control	PHG 3253	(HU)	
	- (Level 1&2, Summer) Cog.1 & Cog.2	PHG 111 PHG 122	(FUE)	
Postgraduate Courses	-Cosmetic diploma.		Cairo (CU)	
	-Biosynthesis in medicinal plants.		Cairo (CU)	
	-Biotechnology in medicinal plants.		Cairo (CU)	
	-Aromatherapy & herbal medicine.		Cairo (CU)	

Title	Location	Remarks
-Medical Representative.	Knoll (Abott)	
-Academic Advisor for Clinical Students Program. Ref. Prof.Dr. Manal Maher and Prof.Dr. Omneya Khalil.	Cairo Clinical pharmacy. FOPCU	
- Academic Support for General Students Program (Level 2). Ref. Prof.Dr. Manal Maher and Prof.Dr. Omneya Khalil.	FOPCU	
- R & D Consultant. Ref. Prof.Dr. Nebal Darwich.	Sekem	
-Assistant of Vice Dean for Community Service and Environmental Development. Ref. Prof.Dr. Amaal A. Abdel fatah & Prof.Dr. Mohamed EL Nabarawi.	FOPCU	
- Head of Pharmacognosy department, faculty of pharmacy- Heliopolis University.	HU	
- Head of Pharmacognosy department, faculty of pharmacy- Egyptian Chinese University.	ECU	
- Head of Performance Appraisal and Quality Assurance Unit	ECU	

Title	Name of Journal/Conference	Year	Volume /Page
-4th Conference on Innovations on Food Science and Human Nutrition	<i>Comparative antioxidant activity of different wheat stages</i>	4th -5th, October 2021	<i>Poster</i>
-New Pregnane Glycosides Isolated from Caralluma hexagona Lavranos as Inhibitors of α -Glucosidase, Pancreatic Lipase, and Advanced Glycation End Products Formation	<i>ACS Omega</i>	2021	6, 18881-18889
- Novel Cycloartan derivative with genetic and metabolic profiling of two Crassulaceae species	<i>International Journal of Research in Pharmaceutical Sciences</i>	2021	11 (SPL4), 2997-3012

<p>- UPLC-Orbitrap HRMS metabolic profiling of <i>Cymbopogon citratus</i> cultivated in Egypt; neuroprotective effect against AlCl₃-induced neurotoxicity in rats</p>	<p><i>Journal of Ethnopharmacology</i></p>	<p>2020</p>	<p>259 - 112930</p>
<p>- New pregnane glycosides from <i>Caralluma hexagona</i> Lavranos and their in vitro α-glucosidase and pancreatic lipase inhibitory effects</p>	<p><i>Phytochemistry Letters</i></p>	<p>2020</p>	<p>36: 49–57</p>
<p>- Essential oil of <i>Cymbopogon citratus</i> cultivated in Egypt: seasonal variation in chemical composition and anticholinesterase activity</p>	<p><i>Natural Product Research</i></p>	<p>2020</p>	<p>Jan 21:1-5</p>
<p>- Audient</p>	<p>Social Initiative Forum Egypt 2019: Unfolding Individual Potential for the Future</p>	<p>2019 12-15 Dec</p>	
<p>- Prospective visions and Potentialities of faculty of pharmacy Heliopolis University</p>	<p>-The 18-th NAPRECA Symposium in Cairo, Egypt <i>Heliopolis University (HU)</i></p>	<p>2019 7-9 Dec</p>	<p>Oral Presentation & organizing member</p>
<p>- Ambrosin, a potent NF-κB inhibitor ameliorates lipopolysaccharide induced memory impairment, comparison to curcumin</p>	<p><i>PLoS One</i></p>	<p>2019</p>	<p>14(7): 1-23</p>
<p>-Variation in <i>Ceratonia siliqua</i> pod metabolome in context of its different geographical origin, ripening stage and roasting process</p>	<p><i>Food Chemistry</i></p>	<p>2019</p>	<p>283, 675–687</p>
<p>- Protective Action of <i>Crateva nurvala</i> Buch. Ham extracts against renal ischaemia reperfusion injury in rats via antioxidant and anti-inflammatory activities.</p>	<p><i>5-th FUE Conference of Pharmaceutical Sciences.</i></p>	<p>2019</p>	<p>Oral Presentation</p>

-Member of scientific committee & Attendee	<i>1-st Heliopolis University Conference on Sustainable Development In Pharmaceutical Sciences</i>	2018	Member
-Crassulaceae (chemistry and pharmacology) - A review	<i>Future Journal of Pharmaceutical Sciences</i>	2018	4, 234-240
- Assessment Of Biological Activities Of <i>Cissus Rotundifolia</i> (Forssk.) Vahl. Growing In Yemen.	<i>Research Journal of Pharmaceutical, Biological and Chemical Sciences</i>	2018	9(4), 430-440
- Anticancer potentiality of lignan rich fraction of six Flaxseed cultivars.	<i>-Scientific Reports</i>	2018	8:544
-Antidepressant-Like Effect of Selected Egyptian Cultivars of Flaxseed Oil on a Rodent Model of Postpartum Depression	<i>Evidence-Based Complementary and Alternative Medicine</i>	2018	(Article ID 6405789):1-15
-Protective Action of <i>Crateva nurvala</i> Buch. Ham extracts against renal ischaemia reperfusion injury in rats via antioxidant and anti-inflammatory activities	<i>Journal of Ethnopharmacology</i>	2018	214, 47-57
-LC-MS/MS analysis and anti-wrinkle activity of the ethanolic extracts of the Leaves of <i>Morus alba</i> L. and <i>Morus nigra</i> L.	4 th international conference of pharmaceutical sciences (FUE).	2017	Poster
-Audient.	9-th Breast-Gynecological & Immunooncology International Cancer Conferences.	2017	Attendee
- <i>Chemical composition and anticancer activity of Achillea fragrantissima</i> (Forssk.) Sch. Bip. (Asteraceae) essential oil from Egypt.	<i>Journal of Pharmacognosy and Phytotherapy</i>	2017	V.9 (1), p.1-5

- Metabolites profiling reveals for antimicrobial compositional differences and action mechanism in the toothbrushing stick "miswak" <i>Salvadora persica</i> .	<i>J Pharm Biomedical Analysis</i>	2017	V. 133, p.32-4
- Antibacterial, antioxidant, and topical antiinflammatory activities of <i>Bergia ammannioides</i> : A wound-healing plant	Pharmaceutical Biology	2015	V. 54, (2), p. 215-224
-Session in Biotransformation using plant cultured cells.	Biofans conference	2014	Speaker
Phytochemical and Biological Investigation of <i>Aloe Grandidentata</i> Salm-Dyck.	Medicinal chemistry	2013	Vol. 4(1), p. 298-302
-Audient	Pharmaceutical and Biotechnological Therapies. (GUC)	2012	Attendee
-Macro- and Micromorphological Study of <i>Aloe ciliaris</i> .	3-rd International Scientific Conference of Faculty of Pharmacy Cairo university.	2012	Poster
-Biological Study and Phytochemical Screening of Several <i>Aloe</i> Species Cultivated in Egypt.	59 th International Congress and Annual Meetings of the Society for Medicinal Plant and Natural Product Research. (Turkey)	2011	Poster Planta Medica, Vol.77/ August 2011/P. 1229-1472(PL107)
-Macro-and Micromorphological Study OF <i>Aloe grandidentata</i> Salm-Dyck And <i>Aloe Arborescens</i> Mill. Cultivated in Egypt.	XXXI Conference of Pharmaceutical Sciences.	2008	Poster
-Quality Control OF a Sedative Herbal Drug.	Bulletin OF Faculty OF pharmacy, Cairo-University.	2002	Vol. 40 (1) /P.215-221

-Appropriate Quality Control Procedure OF Herbal Drugs in the Egyptian Market Part 1: Mepaco Sedative Tea Bags.	Bulletin OF Faculty OF pharmacy, Cairo-University.	2000	Vol. 38 (3) /P.87-102
-Appropriate Quality Control Procedure OF Herbal Drugs in the Egyptian Market Part 1: Mepaco Sedative Tea Bags.	V Conference of Quality Control of Drugs, vaccines& natural products.	2000	Attendee
-Appropriate Quality Control Procedure OF Herbal Drugs in the Egyptian Market Part 2: Dormival Capsules.	V Conference of Quality Control of Drugs, vaccines& natural products.	2000	Attendee

Awards

Name	Year
-Prize for publication in the international scientific journals of Cairo University	2013
-Prize for publication in the international scientific journals of Cairo University	2017
-Prize for publication in the international scientific journals of Cairo University	2018
-Prize for publication in the international scientific journals of Cairo University	2019

Skills

<p>Computer Skills: Windows, Office (Word, Excel, PowerPoint) and Internet.</p> <p>Language Skills: Fluent spoken and written English.</p> <p>TOEFL score (institutional): 513 07/02/2001.</p> <p>Fluent written and spoken French.</p> <p>Personal skills: motivated, excellent communication and presentation.</p> <p>ICDL Projects: 08/10/2007</p> <p>ICDL 10/09/2014</p>	
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Memberships

Name	Year
- Member in Committee of Performance Appraisal and Quality Assurance Unit. Ref. Prof. Dr. Camelia George & Dr. Sabah Gayed.	2011-2016
- Member in Committee of Academic Supports for General Students Program. Ref. Prof.Dr. Manal Maher.	2012-2017
- Member in Committee of Community Service and Environmental Development. Ref. Prof.Dr. Amaal A. Abdel fatah & Prof.Dr. Mohamed EL Nabarawi.	2012-2015
-Member in the Italo_Latin American Asia and Africa Society of Ethnomedicine (SILAE).	2013-2020

- Member in Marketing Committee of the Supreme Committee of the centers and special units in Faculty of Pharmacy- Cairo University.	2015, 2016
- Member in the Training Committee of the Performance Appraisal and Quality Assurance Unit in Faculty of Pharmacy- Cairo University.	2015, 2016
-Head of the internal Committee of the Performance Appraisal and Quality Assurance – Pharmacognosy Department- Faculty of Pharmacy- Cairo University.	2016,2017
-Internal auditor for departments of Faculty of Pharmacy- Cairo University.	2016,2017
-External auditor for departments of Faculty of Pharmacy- Ain shams University. (ASU)	2016
- External auditor for departments of Faculty of Pharmacy- German University. (GUC)	2019
- Member in the Strategic Plan of the Performance Appraisal and Quality Assurance Unit in Faculty of Pharmacy- Heliopolis University.	2020

Attended Workshops

Name	Year
-Appropriate Quality Control Procedures of Herbal Drugs in Egyptian Market A University Linkage Project No. 309. Ref. Prof.Dr. Marwan Shabana.	2001
-Training course in "Lifelong Learning" (FLDC).	2006
- Training course in "University Code Ethics" (FLDC).	2006
- Training course in "Effective presentation Skills" (FLDC).	2006
- Training course in "Decision-making and problem-solving" (FLDC).	2006
- Training course in "Use of Technology in Teaching" (FLDC).	2006
- Training course in "International Publishing of Scientific Research" (FLDC).	2006
- فعاليات المؤتمر الإعلامي عن آليات نشر وتطبيق فكر وثقافة الجودة " خطوات رائدة على طريق الاعتماد" (دار الدفاع الجوى).	2008
- دورة تدريبية في الإرشاد الأكاديمي. (FOPCU)	2010
- Training course in "Quality Standards in the Education Process" (FLDC).	2011
- Training course in "Strategic Planning" (FLDC).	2012
- Training course in "Examination & Student Evaluation Techniques" (FLDC).	2012
- "Project Management" of the further domain "Advanced Training for Alumni" within the (DAAD) Kairo Akademie. Ref. Prof.Dr. Nibal Darwich.	2012
-Recent advances in Natural Products and Biotechnology. Ref. Prof.Dr. Essam Abdel-Sattar. (FOPCU)	2012
-Stability & Bioequivalence Guidelines for the pharmaceutical Products in the Egyptian Market. (FOPCU)	2013
- Training course in "Legal & Financial Aspects in University Environment" (FLDC).	2014
- Training course in "Meetings & Managing Time" (FLDC).	2014
- Training course in "Effecting Teaching Skills" (FLDC).	2014

-“Project Management” of the further domain “Advanced Training for Alumni” within the (DAAD) Kairo Akademie.	2014
-Recent Advances IN Natural Products Drug Discovery & Analysis. (FOPCU)	2014
- The vision, mission and goals and policies of the University of Cairo and values ruling (CUCQAE)	2015
-strategic planning (The preparation of the strategic plan for higher education institutions) (CUCQAE)	2015
-Self- study (The preparation of self-study and Annual Report for an educational institution) (CUCQAE)	2015
-Creating online and interactive quizzes. (FOPCU)	2017
-Trainer of the workshop “Credit hours’ system and communication skills with students”. (FOPCU)	2017
- دورة تعريفية بنظام الأيزو 9001-2015 (FOPCU)	2017
- Maximize your scientific impact while keeping your integrity.	2017
- 2-nd Joint Egyptian- Japanese symposium, Biomolecular Simulation Center. Heliopolis University.	2019
- Pre-Submission Publication Strategies. National Research center	2019
- Spectroscopic Techniques for Natural Products Analysis, Heliopolis University.	2019
- Training course in “Change Management” (FLDC).	2020
- Training course in “Interactive Electronic Courses” (FLDC).	2020
- Quality Assurance System in Higher Education Institutions Academic Advising System. (ECU)	2020
- Credit Hour System – Objectives of Interviews. (ECU)	2020
- Learning Management System. (ECU)	2020
- Strategic Planning. (ECU)	2020
- MS-based metabolomics applications in pharmacy Online workshop (Organized by Faculty of Pharmacy MSA University)	2020
- Training course in “Essential of Integrated Education” (FLDC)	2020
- شرح لائحة الدورة الثالثة عشر لترقية أعضاء هيئة التدريس بالجامعات المصرية	2021
- Effective Academic Writing (Organized by Nature Research Academies with EKB)	2021
- Logical Manuscript Structure (Organized by Nature Research Academies with EKB)	2021
- Communication Skills (Organized by Egyptian Chinese University)	2021
- Training course in “Critical Thinking” (FLDC)	2021
- Scientific Publications and Communications- Past, Present (Webinar Turacoz)	2022
- Effective Grant Writing (Organized by Nature Research Academies with EKB)	2022

Funded Projects

Title	Year	Source	Amount
-A University Linkage Project No. 309 Ref. Prof.Dr. Marwan Shabana.	1995-2000	Egyptian & American Universities	-----

<p>-Campus Numérique Francophone de l'AUF. TEMPUS OIPLUES (Orientation et Insertion Professionnelle dans les Universités de Liban, Egypte et Syrie) en Egypte en partenariat avec l'Université de Poitiers- France. Ref. Prof.Dr. Nebal Darwich.</p> <p>-Development of flax seeds Lignans as nutraceutical in prevention and treatment of cancer. Ref. Prof.Dr. Nebal Darwich.</p> <p>-Academy of Scientific Research and Technology Science and Technology Center (STC) National Strategy for Genetic Engineering and Biotechnology Phase iii: Applications & Products Development</p>	<p>2012, 2013, 2014</p> <p>2014-2017</p> <p>2021- 2024</p>	<p>Onisep (Orientation et insertion Professionnelle dans les universités du Liban, de l'Égypt. et de la Syrie.</p> <p>Cairo University</p> <p>GUC</p>	
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Thesis Supervision

- Development and production of active standardized botanical extracts for use in the pharmaceutical, health food & cosmetic industries, for Ahmed Abo El hagag Ahmed, Faculty of Pharmacy, Cairo University, for master's degree in pharmaceutical sciences.
- Pharmacognostical Study of *Mentha longifolia* (L.) Huds. ssp. *schimperi* Briq cultivated in Egypt, for Esraa Mohammed Moheb, Faculty of Pharmacy, Cairo University, for master's degree in pharmaceutical sciences.
- Chemical and biological assesment of *Cissus rotundifolia* (Forssk.) Vahl growing in Yemen, for Akram Ali Mohamed Shalabi, Faculty of Pharmacy, Cairo University, for master's degree in pharmaceutical sciences.
- A Pharmacognostical Study of *Cymbopogon citratus* (DC.) Stapf, Fam.Poaceae, Cultivated in Egypt, for Yasmine Farid Ahmed, Faculty of Pharmacy, Cairo University, for master's degree in pharmaceutical sciences.
- Phytochemical and Biological Studies of different *Crassula* species Family Crassulaceae, for Omneya Eid Mohamed, Faculty of Pharmacy, Cairo University, for

master's degree in pharmaceutical sciences.

-Phytochemical and bioactivity guided study for the cancer chemopreventive effect of *Caryota mitis* Lour. and *Caryota urens* L. Family *Arecaceae*, for Radwa Hassan Mohamed Ahmed EL Akad, Faculty of Pharmacy, Cairo University, for PH.D. degree in pharmaceutical sciences.

- Phytochemical and Biological Studies of certain plant belonging to family *cactaceae*, for Marwa Hasanin Abd Al Aal Elsayed, Faculty of Pharmacy, Helwan University, for master's degree in pharmaceutical sciences.

- Chemical and biological investigation of certain plants belonging to family *Asclepiadaceae* growing in Yemen, for Akram Ali Mohamed Shalabi, Faculty of Pharmacy, Cairo University, for PH.D. degree in pharmaceutical sciences.

-Development and Evaluation of Herbal Hair Formulations, for Alaa Youssef Hassanin Eid, Faculty of Pharmacy, Cairo University, for PH.D. degree in pharmaceutical sciences.

-Formulations of cytotoxic natural products used as complementary therapy for lung cancer, for Hadeel Nabil Ahmed, Faculty of Pharmacy, Cairo University, for master's degree in pharmaceutical sciences.

- Comparative study of different organs of *Kigelia pinnata* (Lam.) and screening of their biological activity, for Mayar Ahmed Orabi, Faculty of Pharmacy, Ain Shams University, for master's degree in pharmaceutical sciences.

-Chemical profiling and endophytic study of the secondary metabolites of different Genus of family *Vitaceae*, for Marwa Mohamed Reda, Faculty of Pharmacy, Ain Shams University, for master's degree in pharmaceutical sciences.

- Innovation in Obesity Control via a Foodomic-based Wheat Profiling for Production of a New Supplement, for Mai Khaled Ahmed Roshdy Abd El-Halim Ammar, Faculty of Pharmacy, ECU University, for PH.D. degree in pharmaceutical sciences.

Thesis Discussion

-"Pharmacognostical Study and Tissue Culture of Certain *Araucaria* Species Grown in Egypt", for Dalia Galal ELDin Ahmed, Faculty of Pharmacy, MTI University, for PH.D. degree in pharmaceutical sciences.

Paper Review

-**African Journal of Microbiology Research**

Manuscript Number AJMR/26.04.16/8077

Manuscript Title Phytochemical and antimicrobial activity of essential oil from *Allium roseum* var. *grandiflorum* subvar. *typicum* Regel. bulbs parts.

-Trends in Phytochemical Research

Manuscript Number TPR-1908-1122

Manuscript Title Volatile composition, the antioxidant and in-vitro anti-inflammatory activity of essential oil of *Caryopteris odorata* (D. Don) Robin.

- Journal of Herbal Medicine

Manuscript Number HERMED-D-21-01094R1

Manuscript Title Efficacy of *Salvadora Persica* Extract as an Endodontic Irrigant- An In-vitro evaluation

-Heliyon

Manuscript Number HELIYON-D-21-07943

Manuscript Title *Amphimas pterocarpoides* Harms.: An evaluation of flavonoid and phenolic contents, wound healing, anthelmintic and antioxidant activities of the leaves and stem bark

Signature