

# Curriculum Vitae



Name	First	Middle	Family
	Mouchira	Aly Choucry	Chaaban
Title	Title		Department
	Professor		Pharmacognosy
E-mail	<a href="mailto:mouchirachoucry@yahoo.com">mouchirachoucry@yahoo.com</a> <a href="mailto:mouchira.choucry@pharma.cu.edu.eg">mouchira.choucry@pharma.cu.edu.eg</a> <a href="mailto:mshoucry@ecu.edu.eg">mshoucry@ecu.edu.eg</a>		
	website: <a href="https://scholar.google.com/citations?hl=en&amp;user=uJAMNL8AAAAJ&amp;view_op=list_works&amp;gmla=AJsN-F7JsZPJ257Jt8f2ApdpQq2Xv4X55lrAcyMDVCvgWoG1_uhNK97H1vooya3MvWDgyQ2CZSfVkuZQpPuKhaX192w4WA-rMQ">https://scholar.google.com/citations?hl=en&amp;user=uJAMNL8AAAAJ&amp;view_op=list_works&amp;gmla=AJsN-F7JsZPJ257Jt8f2ApdpQq2Xv4X55lrAcyMDVCvgWoG1_uhNK97H1vooya3MvWDgyQ2CZSfVkuZQpPuKhaX192w4WA-rMQ</a>		

## 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

	Course Title	Course Code	University	Academic years
Undergraduate Courses	-Botany & Medicinal Plant (1-st year, 1-st term)	201	Cairo (CU)	
	-Pharmacognosy 1	202	Cairo (CU)	

	(1-st year,2-nd term)			
	- Pharmacognosy 2 (2-nd year,1-st term)	203	Cairo (CU)	
	-Pharmacognosy 2 (Fall semester)		6-th October University	
	-Applied pharmacognosy		6-th October University	
	-Quality Control &Natural Products (5-th year, 2-nd term)	208	Cairo (CU)	
	-(level 3, Spring Summer semester)	PG 606	Cairo Clinical pharmacy	
	-(level 1, Fall semester)	PG 101	Cairo Clinical pharmacy	
	-Phytochemistry 2 (level 3, Spring semester)	PCG 322	Ahram Canadian University (ACU)	
	-Phytochemistry 1 (level 3, Summer course)	PCG 321	(ACU)	
	-Chromatography (level 3, Summer course)	PCG 323	(ACU)	
	-Chromatography (level 3, Fall semester)	PCG 323	(ACU)	
	-Pharmacognosy 2 (level2, Fall semester)	PCG 222	(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 101 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 I	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)	
	<b>Postgraduate Courses</b>	-Cosmetic diploma.		Cairo (CU)	
		-Biosynthesis in medicinal plants.		Cairo (CU)	
		-Biotechnology in medicinal plants.		Cairo (CU)	
		-Aromatherapy & herbal medicine.		Cairo (CU)	

## B. Professional Experience

	Title	Location	Years
	-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 4-th level control, 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	
	- Head of 3-rd level control, faculty of pharmacy- Egyptian Chinese University.	ECU	

## Publications and Presentations

	Title	Name of Journal/Conference	Year	Volume /Page

-Comparative study of the antioxidant and cytotoxicity activities of organs of <i>Kigeliaafricana</i> and their topoisomerase I inhibitory activities	<i>South African Journal of Botany</i>	2023	162(2023)838_846
-Structural, functional, nutritional composition and analytical profiling of <i>Triticum aestivum</i> L.	<i>Applied Biological Chemistry</i> 66:48	2023	(2023) 66:48
- Morphological and Anatomical Characterization of <i>Cymbopogon citratus</i> (DC.) Stapf Cultivated in Egypt	<i>Bulletin of the Faculty of Pharmacy Cairo University</i>	2022	Vol. 60: Iss. 1, Article 6.
- Preparation and optimization of a molecularly imprinted polymers – solid phase extraction system for the extraction of bioactive sesquiterpene lactones of <i>Ambrosia maritima</i> plant	<i>Natural Product Research</i>	2022	2023 Jun;37(11):1844-1850
-A Comprehensive Review of Natural Alternatives for Treatment of Alopecia with an Overview of Market Products	<i>JOURNAL OF MEDICINAL FOOD</i>	2022	25 (9) 2022, 869–881
-New pregnane glycosides isolated from <i>Caralluma hexagona</i> lavranos as ,inhibitors of $\alpha$ -glucosidase pancreatic lipase and advanced glycation end products formation	<i>International Conference on Research in Education and Science (ICRES) - Antalya/Turkey</i>	March 24-27, 2022	Poster
-Phenolic Profile and Antioxidant-Related Activities of <i>Astrophytum ornatum</i> (DC) Britton & Rose Flowers Cultivated in Egypt	<i>Journal of Advanced Pharmacy Research</i>	2022	2022, 6 (2), 58-67
- Comparative antioxidant activity of different wheat stages	4th Conference on Innovations on Food Science and Human Nutrition	4th -5th, October 2021	Poster
-New Pregnane Glycosides Isolated from <i>Caralluma hexagona</i> Lavranos as Inhibitors of $\alpha$ -Glucosidase, Pancreatic Lipase, and Advanced Glycation End Products	<i>ACS Omega</i>	2021	6, 18881–18889

<p><b>Formation</b></p> <ul style="list-style-type: none"> <li>- Novel Cycloartan derivative with genetic and metabolic profiling of two Crassulaceae species</li> <li>- UPLC-Orbitrap HRMS metabolic profiling of <i>Cymbopogon citratus</i> cultivated in Egypt; neuroprotective effect against AICl<sub>3</sub>-induced neurotoxicity in rats</li> <li>- New pregnane glycosides from <i>Caralluma hexagona</i> Lavranos and their in vitro <math>\alpha</math>-glucosidase and pancreatic lipase inhibitory effects</li> <li>- Essential oil of <i>Cymbopogon citratus</i> cultivated in Egypt: seasonal variation in chemical composition and anticholinesterase activity</li> <li>- Audient</li> <li>- Prospective visions and Potentialities of faculty of pharmacy Heliopolis University</li> <li>- Ambrosin, a potent NF-<math>\kappa</math>B inhibitor ameliorates lipopolysaccharide induced memory impairment, comparison to curcumin</li> <li>-Variation in <i>Ceratonia siliqua</i> pod metabolome in context of its different geographical origin, ripening stage and roasting process</li> <li>- Protective Action of <i>Crateva nurvala</i></li> </ul>	<p><i>International Journal of Research in Pharmaceutical Sciences</i></p> <p><i>Journal of Ethnopharmacology</i></p> <p><i>Phytochemistry Letters</i></p> <p><i>Natural Product Research</i></p> <p>Social Initiative Forum Egypt 2019: Unfolding Individual Potential for the Future</p> <p>-The 18-th NAPRECA Symposium in Cairo, Egypt <i>Heliopolis University (HU)</i></p> <p><i>Plos One</i></p> <p><i>Food Chemistry</i></p>	<p>2021</p> <p>2020</p> <p>2020</p> <p>2020</p> <p>2019</p> <p>2019</p> <p>2019</p> <p>2019</p> <p>2019</p>	<p>11 (SPL4), 2997-3012</p> <p>259 - 112930</p> <p>36: 49–57</p> <p>Jan 21:1-5</p> <p>12-15 Dec</p> <p>7-9 Dec</p> <p>14(7): 1-23</p> <p>283, 675–687</p> <p>Oral Presentation &amp; organizing member</p>
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Buch. Ham extracts against renal ischaemia reperfusion injury in rats via antioxidant and anti-inflammatory activities.	<i>5-th FUE Conference of Pharmaceutical Sciences</i>		Oral Presentation
-Member of scientific committee & Attendee		2018	Member
	<i>1-st Heliopolis University Conference on Sustainable Development In Pharmaceutical Sciences</i>		
-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 <sup>th</sup> international conference of pharmaceutical sciences (FUE).	2017	Poster
-Audient.	9-th Breast-Gynecological &	2017	Attendee

<p>- Chemical composition and anticancer activity of <i>Achillea fragrantissima</i> (Forssk.) Sch. Bip. (Asteraceae) essential oil from Egypt.</p> <p>- Metabolites profiling reveals for antimicrobial compositional differences and action mechanism in the toothbrushing stick "miswak"<i>Salvadora persica</i>.</p> <p>- Antibacterial, antioxidant, and topical antiinflammatory activities of <i>Bergia ammannioides</i>: A wound-healing plant</p> <p>-Session in Biotransformation using plant cultured cells.</p> <p>Phytochemical and Biological Investigation of <i>Aloe Grandidentata</i> Salm-Dyck.</p> <p>-Audient</p> <p>-Macro- and Micromorphological Study of <i>Aloe ciliaris</i>.</p> <p>-Biological Study and Phytochemical Screening of Several Aloe Species Cultivated in Egypt.</p> <p>-Macro-and Micromorphological</p>	<p>Immunooncology International Cancer Conferences.</p> <p>Journal of Pharmacognosy and Phytotherapy</p> <p><i>J Pharm Biomedical Analysis</i></p> <p>Pharmaceutical Biology</p> <p>Biofans conference</p> <p>Medicinal chemistry</p> <p>Pharmaceutical and Biotechnological Therapies. (GUC)</p> <p>3-rd International Scientific Conference of Faculty of Pharmacy Cairo university.</p> <p>59<sup>th</sup> International Congress and Annual Meetings of the Society for Medicinal Plant and Natural Product Research. (Turkey)</p> <p>XXXI Conference</p>	<p>2017</p> <p>2017</p> <p>2015</p> <p>2014</p> <p>2013</p> <p>2012</p> <p>2012</p> <p>2011</p> <p>2008</p>	<p>V.9 (1), p.1-5</p> <p>V. 133, p.32-4</p> <p>V. 54, (2), p. 215-224</p> <p>Speaker</p> <p>Vol. 4(1), p. 298-302</p> <p>Attendee</p> <p>Poster</p> <p>Poster Planta Medica, Vol.77/ August 2011/P. 1229-1472(PL107)</p>
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<p><b>Study OF <i>Aloe grandidentata</i> Salm-Dyck And <i>Aloe Arborescens</i> Mill. Cultivated in Egypt.</b></p> <p><b>-Quality Control OF a Sedative Herbal Drug.</b></p> <p><b>-Appropriate Quality Control Procedure OF Herbal Drugs in the Egyptian Market Part 1: Mepaco Sedative Tea Bags.</b></p> <p><b>-Appropriate Quality Control Procedure OF Herbal Drugs in the Egyptian Market Part 1: Mepaco Sedative Tea Bags.</b></p> <p><b>-Appropriate Quality Control Procedure OF Herbal Drugs in the Egyptian Market Part 2: Dormival Capsules.</b></p>	<p><b>of Pharmaceutical Sciences.</b></p> <p><b>Bulletin OF Faculty OF pharmacy, Cairo-University.</b></p> <p><b>Bulletin OF Faculty OF pharmacy, Cairo-University.</b></p> <p><b>V Conference of Quality Control of Drugs, vaccines&amp; natural products.</b></p> <p><b>V Conference of Quality Control of Drugs, vaccines&amp; natural products.</b></p>	<p><b>200</b></p> <p><b>2000</b></p> <p><b>2000</b></p> <p><b>2000</b></p>	<p><b>Poster</b></p> <p><b>Vol. 40 (1) /P.215-221</b></p> <p><b>Vol. 38 (3) /P.87-102</b></p> <p><b>Attendee</b></p> <p><b>Attendee</b></p>
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## Awards

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

## Skills

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

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

- 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
- External auditor for departments of Faculty of Pharmacy- German University. (BUE)	2022

### 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 فى الإرشاد الأكاديمى. (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)	2014
-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 2015-9001 (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).	
- 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	
- 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)	
- Training course in “Critical Thinking” (FLDC)	2021
-Training course in “Staff- Entrepreneurship” (FLDC)	2021
- Scientific Publications and Communications- Past, Present (Webinar TuracoZ)	2021
- Effective Grant Writing (Organized by Nature Research Academies with EKB)	2022
-Marine Natural Product Dug Leads for Development of ‘Host Directed Therapies’ to Manage 21 <sup>th</sup> Century Pandemics (Faculty of Pharmacy Helwan University)	2022

### Funded Projects

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

<p><b>Shabana.</b></p> <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 &amp; 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>	
<b>Thesis Supervision</b>			
<p>- Development and production of active standardized botanical extracts for use in the pharmaceutical, health food &amp; cosmetic industries, for Ahmed Abo El hagag Ahmed, Faculty of Pharmacy, Cairo University, for master's degree in pharmaceutical sciences.</p> <p>-Pharmacognostical Study of <i>Mentha longifolia</i> (L.) Huds. ssp. <i>schimperi</i> Briq cultivated in Egypt, for Esraa Mohammed Moheb, Faculty of Pharmacy, Cairo University, for master's degree in pharmaceutical sciences.</p> <p>- Chemical and biological assesment of <i>Cissus rotundifolia</i> (Forssk.) Vahl growing in Yemen, for Akram Ali Mohamed Shalabi, Faculty of Pharmacy, Cairo University, for master's degree in pharmaceutical sciences.</p> <p>- A Pharmacognostical Study of <i>Cymbopogon citratus</i> (DC.) Stapf, Fam.Poaceae, Cultivated in Egypt, for Yasmine Farid Ahmed, Faculty of Pharmacy, Cairo University, for</p>			

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.

- " A Pharmacognostical Study of *Plumbago indica* L. and *Plumbago auriculata* Lam. Family Plumbaginaceae cultivated in Egypt", for Mina Michael Melk Mikhail, Faculty of Pharmacy, Ahrm Canadian University, for PH.D. degree in pharmaceutical sciences.

### Paper Review

-African Journal of Microbiology Research

<b>Manuscript Number</b>	AJMR/26.04.16/8077
<b>Manuscript Title</b>	Phytochemical and antimicrobial activity of essential oil from <i>Allium roseum</i> var. <i>grandiflorum</i> subvar. <i>typicum</i> Regel. bulbs parts.
<b>-Trends in Phytochemical Research</b>	
<b>Manuscript Number</b>	TPR-1908-1122
<b>Manuscript Title</b>	Volatile composition, the antioxidant and in-vitro anti-inflammatory activity of essential oil of <i>Caryopteris odorata</i> (D. Don) Robin.
<b>- Journal of Herbal Medicine</b>	
<b>Manuscript Number</b>	HERMED-D-21-01094R1
<b>Manuscript Title</b>	Efficacy of <i>Salvadora Persica</i> Extract as an Endodontic Irrigant- An In-vitro evaluation
<b>-Heliyon</b>	
<b>Manuscript Number</b>	HELIYON-D-21-07943
<b>Manuscript Title</b>	<i>Amphimas pterocarpoides</i> Harms.: An evaluation of flavonoid and phenolic contents, wound healing, anthelmintic and antioxidant activities of the leaves and stem bark
<b>Journal of Trace Elements and Minerals</b>	
<b>Manuscript Number</b>	JTEMIN-D-22-00148R1
<b>Manuscript Title</b>	<i>Cymbopogon citratus</i> protect against Lead-induced suppression of haematological and tubuloglomerular functions as well as disruption of hepatocellular membranes in male Wistar rats
<b>Nutraceuticals</b>	
<b>Manuscript ID</b>	nutraceuticals-2081392
<b>Manuscript Title</b>	Amber extract suppressed mast cell-mediated allergic inflammation via the regulation of allergic mediators
<b>International Journal of Molecular Sciences</b>	
<b>Manuscript ID</b>	ijms-2126234
<b>Manuscript Title</b>	Alginate oligosaccharides rescued liver injury via improving anti-inflammatory capacity in a busulfan induced mouse model
<b>Processes</b>	
<b>Manuscript ID</b>	processes-2247609
<b>Manuscript Title</b>	Cp <sub>2</sub> TiCl <sub>4</sub> /H <sub>2</sub> O as a sustainable system for the reduction of organic functional groups: application of Cp <sub>2</sub> TiCl <sub>4</sub> /D <sub>2</sub> O to the analysis of bioactive phenols in olive oil.
<b>Foods</b>	

<b>Manuscript ID</b>	foods-2280293
<b>Manuscript Title</b>	Anthocyanins and vascular health: A matter of metabolites
<b>Molecules</b>	
<b>Manuscript ID</b>	molecules-2308163
<b>Manuscript Title</b>	The Hypolipidemic and Cardioprotective Effects of Sesamol and Possible Mechanisms of Action
<b>Foods</b>	
<b>Manuscript ID</b>	foods- 2367431
<b>Manuscript Title</b>	Influence of Malaxation Conditions on Phenolic Composition of Virgin Olive Oils: A Brief Review
<b>Foods</b>	
<b>Manuscript ID</b>	foods- 2534112
<b>Manuscript Title</b>	Chemometric comparison and classification of different apple cultivars based on physicochemical quality properties: Raw material selection for various processing applications
<b>Molecules</b>	
<b>Manuscript ID</b>	molecules- 2432885
<b>Manuscript Title</b>	Insight into the anti-cancer and anti-viral therapeutic properties of biological active molecule prodigiosin
<b>Molecules</b>	
<b>Manuscript ID</b>	molecules- 2457581
<b>Manuscript Title</b>	Antioxidants effects of Argan oil against iron-induced oxidative stress in vivo (Liver, Brain and Kidney) and in vitro (Tetrahymena pyriformis)
<b>Molecules</b>	
<b>Manuscript ID</b>	molecules- 2573696
<b>Manuscript Title</b>	Epigallocatechin-3-gallate Reduces Cd-induced Developmental Toxicity of Body Size in Caenorhabditis elegans via the PEK-1/eIF-2 $\alpha$ /ATF-4 Pathway
<b>Molecules</b>	
<b>Manuscript ID:</b>	molecules-2597752
<b>Manuscript Title</b>	Influence of brewing conditions on the color parameters, tannins and polyphenols content as well as antioxidant activity in Yerba Mate
<b>Process Biochemistry</b>	
<b>Manuscript ID:</b>	PRBI-D-23-01258R1
<b>Manuscript Title</b>	Phytochemical and microbiological studies of Egyptian

	Chenopodium quinoa
<b>Foods</b>	
<b>Manuscript ID:</b>	foods-2684722
<b>Manuscript Title</b>	Effect of germination and fermentation on the physicochemical, nutritional, and functional quality attributes of samh seeds
<b>Foods</b>	
<b>Manuscript ID:</b>	foods-2698660
<b>Manuscript Title</b>	Carvacrol treatment reduces decay and maintains the postharvest quality of Pathogen-inoculated red grapes ( <i>Vitis vinifera</i> L.)
<b>Nanomedicine</b>	
<b>Manuscript ID:</b>	NNM-2023-0298
<b>Manuscript Title</b>	Development CIP-PEG-FeO nano-therapeutics exhibited strong antibacterial effects with controlled cytotoxicity
<b>Smart Science</b>	
<b>Manuscript ID:</b>	TSMA-2023-026
<b>Manuscript Title</b>	Advancements in Alopecia Research: From Hair Structure to Herbal Solutions
<b>sustainability</b>	
<b>Manuscript ID:</b>	sustainability-2714411
<b>Manuscript Title</b>	Can aquaponics be utilized to reach Zero Hunger at a local level?

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