

# Curriculum Vitae

**Name:** Amal Abd Elhamid Hassan Galala

**Addresses:**

1-Department of Pharmacognosy, Faculty of Pharmacy,  
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2-Department of Pharmacognosy, Faculty of Pharmacy,  
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**Positions:**

1- Professor and head of pharmacognosy department, Faculty of Pharmacy, Horus University- Egypt.

3- Member of the education and students affairs committee in Faculty of Pharmacy, Horus University- Egypt.

3- Head of level one -pharm D Program Control, Faculty of Pharmacy, Horus University.

**Professional Experiences**

- **Professor:** Department of Pharmacognosy, Faculty of Pharmacy, Horus University- Egypt. (From 1/10/2022 till now)

**Assistant Professor:** Department of Pharmacognosy, Faculty of Pharmacy, Mansoura University, Mansoura, Egypt, January 2018 till 31/9/2022.

- **Lecturer:** Department of Pharmacognosy, Faculty of Pharmacy, Mansoura University, Mansoura, Egypt, July 2009 till 2018.

-**Assistant Lecturer:** Department of Pharmacognosy, Faculty of Pharmacy, Mansoura

University, Mansoura, Egypt. 2000

**-Demonstrator:** Department of Pharmacology, Faculty of Pharmacy, Mansoura University, Mansoura, Egypt. 1994.

### **Education:**

**- Ph.D. (Pharmacognosy):** Title (Phytochemical and Biological Investigation of Certain Plants Containing Pigments) Faculty of Pharmacy, Mansoura University, Egypt (2009).

**-M. Sc. (Pharmacognosy):** Title (Pharmacognostical study on *Myoporum Laetum* Forst. f, Department of Pharmacology, Faculty of Pharmacy, Mansoura University (2000).

**-B. Sc (Pharmaceutical Sciences):** Faculty of Pharmacy, Mansoura University, Egypt. (Excellent with Honour degree), (May 1992).

### **Publications:**

**1- Bioactivity of Eriocephalus africanus essential oil against concanavalin A-induced hepatitis via suppressing immune cell infiltration, inhibiting TNF- $\alpha$ /NF- $\kappa$ B and IFN- $\gamma$ /STAT1 signaling pathways.** Abdullah Haikal, Amal A. Galala, Mahmoud Elshal , Yhiya Amen , Ahmed A. Gohar. **Journal of Ethnopharmacology**, Volume 318, Part B, 10 January 2024, 117000

**2- Microbial Transformation of the Sesquiterpene lacton, vulgarin, by Aspergillus niger.** Reem A. ElGamal, Amal A. Galala, Farid A Badria and Amal F. Soliman. **Molecules**, 2023, 28, 3729. <https://doi.org/10.3390/molecules28093729>.

**3- An Emerging Flavone Glycoside from *Phyllanthus emblica* L.: As Promiscuous Enzyme inhibitor and Potential Therapeutic in Chronic Diseases.** Rowida M. Omara, Farid A. Badria, Amal A. Galala **South African Journal of Botany**, 153, p. 290-296, 2023.

**4- New neuroprotective sesquiterpene lactate esters from carotol biotransformation.** Amal F. Soliman, Fatma M. Abdel Barb, Amal Sallama, and Amal A. Galala. **South African Journal of Botany**, 153, p.163-171, 2023.

**5- Hyaluronidase Inhibitory Activity and In Silico Docking Study of New Eugenol 1,2,3-triazole Derivatives.** Eman M. Elattar, Amal A. Galala\*, Hassan-Elrady A. Saad, Farid A. Badria. **ChemistrySelect**, 7 , e202202194 (1-4), **2022**.

**6- Evaluation of antimicrobial, antiquorum sensing, and cytotoxic activities of new vanillin 1,2,3-triazole derivatives.** Eman M. Elattar, Mona Shaban, Hassan-Elrady A. Saad, Farid A. Badria, Amal A. Galala\*. **Natural Product Research**, Published online 04 October **2022**.

**7- In-vitro evaluation of some traditional medicinal plants on calcium oxalate urolithiasis.** Fatma M. Abdel Bar, Ahmed I. Foudah, Amjad J. Majrashi, Mariam F. Al-Dossery, Amal A. Galala. **Emirates Journal of Food and Agriculture**, 33(12), p.1018-1027, **2021**.

**8- Westalsan: A New Acetylcholine Esterase Inhibitor from the Endophytic Fungus *Westerdykella nigra*.** Amal Sallam, Mohamed A. Sabry, Amal A. Galala. **Chemistry & Biodiversity**. Apr;18(4):e2000957, **2021**.

**9- New prenylated flavonoid and neuroprotective compounds from *Tephrosia purpurea* subsp. *dunensis*.** Amal Sallam, Amira Mira, Mohamed A Sabry, Osama B Abdel-Halim, Sahar R Gedara, Amal A. Galala\*. **Natural Product Research**. 35 (24), p. 5612-5620, **2021**.

**10- Alpha-Amylase Inhibitory Effect and Docking Studies of Some New Curcumin-Triazole Derivatives.** Eman Elattar, Amal A Galala, Hassan-Elrady A Saad and Farid A Badria. **Acta Scientific Nutritional Health**. Volume 3 Issue 11 November, **2019**.

**11-Multi-Target Inhibitory Activity of Some Medicinal Plants on A-Amylase, Tyrosinase and Hyaluronidase: Potential Therapy for Treatment Diabetes and Diabetic Complications.** Rowida Omar, Amal A. Galala, Farid Badria, **Acta Scientific Nutritional Health**, 3 (10), P. 68-75, **2019**.

**12- GC-MS Analysis and Gastroprotective Evaluation in Indomethacin- Induced Gastric Ulcer in Rats of Mastiche Oleogum resins.** Farid A. Badria, Aicha M. Gabr , **Amal A. Galala** , Amoura M. Abouelnaga. Asian Journal of Phytomedicine and Clinical Research. 6(2), 71-86, **2018**.

**13- Inhibition of Alpha-amylase Activity by *Gymnocarpos decandrus* Forssk. Constituents,** Amal Sallam and **Amal A. Galala\***, International Journal of Pharmacognosy and Phytochemical Research; 9 (6 ); 873-879, **2017**.

**14- Chemical and Bio-guided Evaluation of Some Natural Resins as Potential Antitumor Agents.** Farid A. Badria, Aicha M. Gabr, and **Amal A. Galala,** World Journal of Pharmaceutical Sciences; 5(5): 81-95, **2017**.

**15- New ent-kaurane diterpenoid dimer from *Pulicaria inuloides*.** **Amal A. Galala,** Amal Sallam, Osama B. Abdel-Halim and Sahar R. Gedara, Natural Product Research, 30, (21), 2468–2475, **2016**.

**16- Cytotoxic Triterpenoids from Strawberry Calyx Discarded as Agro-Industrial Waste.** Amal Sallam, **Amal A. Galala\*** and Sahar R. Gedara, World Journal of Pharmaceutical Sciences, 4(9): 287-290, **2016**.

**17- Bioactive Constituents from *Apium leptophyllum* Fruits.** Iman E. Helal, **Amal A. Galala\***, Hassan-Elrady A. Saad and Ahmed F. Halim, British Journal of Pharmaceutical Research 14(3): 1-8, **2016**.

**18- Cycloartane Glycoside: A New Lactate Dehydrogenase Inhibitor, from the Aerial part of Agriculture Waste of Watermelon.** Eman El-attar, **Amal Galala,** Ahmed Gohar, and Farid Badria, World Journal of Pharmaceutical Sciences, 3 (4), 689-695, **2015**.

**19-Chemical composition and  $\alpha$ -amylase inhibitory activity of *Apium leptophyllum* essential oils**, Iman E. Helal, Amal A. Galala, Hassan-Elrady A. Saad, Ahmed F. Halim, Journal of American Science; 11(4) 204-209, **2015**.

**20- Two new alkaloids from *Asparagus stipularis* Forssk. Roots.** Amal A. Galala, Kadria F.M. Ahmad, Mona G. Zaghloul, El-Sayed S.A. Mansour, Phytochemistry Letters 12 : 220–2, **2015**.

**21- New cytotoxic spirostane saponin and biflavonoid glycoside from the leaves of *Acacia saligna* (Labill.) H.L. Wendl.** Sahar R. Gedara & Amal A. Galala. Natural Product Research, Vol. 28, No. 5, 324–329, **2014**.

**22- Chemical study of *Myoporum Laetum* Forst. f**, Mohamed F.Lahloub, Saleh H. Elsharkawy, Mamdouh M.Ahmed and Amal A. Galala, Mansoura Journal of pharmaceutical Sciences, **2003**.

### **Research Experiences:**

- 1- Isolation of pure compounds from natural sources using the different chromatographic techniques including normal, reversed phase column chromatography, TLC, ion exchange, size exclusion.
- 2- Structural elucidation of the pure isolated natural compounds depending on 1D and 2D NMR spectral data.
- 3- Operating the equipments that measures the Ultra Violet, Infra Red spectral data and the optical rotation of the compounds isolated from natural sources hence their structural elucidation.
- 4- Carrying out some biological assays for the determination of the activities for the isolated compounds.
- 5- Computer-assisted drug design (Docking).
- 6- Isolation of endophytic fungi from plants.

### **Teaching Experiences:**

- 1- Teaching botany, medicinal plants, general and applied pharmacognosy courses for undergraduate students, Pharmacognosy Department, Faculty of Pharmacy, Mansoura University.
- 2- Teaching quality control, phytotherapy courses for undergraduate clinical students, Faculty of Pharmacy, Mansoura University.
- 3- Teaching Medicinal plant, Pharmacognosy-1, Pharmacognosy-2 course for undergraduate students, Horus University, Egypt.
- 4- Teaching Nutraceutical course for Post graduate students.
- 5- Teaching Herbal Medicine course for Post graduate students (Deploma)
- 6- Teaching Quality Control of Herbal Drugs course for Post graduate students (Deploma)
- 7- Teaching Drug discovery course for Ph D students (credit hours system).

### **Conferences:**

- 1- Attending “The 2<sup>nd</sup> International Conference, Faculty of Pharmacy, Mansoura University”. From 9/4/2019 to 12/4/2019.
- 2- Poster in ‘The 6<sup>th</sup> Conference, Departement of pharmacognosy, Faculty of Pharmacy, Mansoura University’. From 13 August 2021. :**“Anthraquinones : A promising multi-target therapeutic scaffold to treat COVID-19”**
- 3- Attending “The 3<sup>rd</sup> International Conference, Faculty of Pharmacy, Mansoura University”. From 30/8/2019 to 2/9/2022.
- 4- Judgment “ The 10<sup>th</sup> Student Conference, Faculty of Pharmacy, Mansoura University”. August 2022.

### **Prizes:**

- 1- Prizes in “International scientific publication” from Mansoura University in 2015, 2016, 2019, 2020, 2021 and 2022.



## برنامج تنمية قدرات أعضاء هيئة التدريس و القيادات (FLDP)

الاسم د.امل عبد الحميد حسن جلاله  
الكلية كلية الصيدلة  
كود المتدرب UDC10061

البرنامج	الكود	فئة الدورة	من	الى	قاعة التدريب	الحضور	الغياب
التدريس الفعال	T1	مدرس مساعد	12/02/2006	15/02/2006	قاعة كلية التجارة صباحى	حضور البرنامج	
التدريس بالتقنية	T3	مدرس مساعد	02/07/2006	04/07/2006	قاعة كلية الهندسة مسائى	حضور البرنامج	
مهارات الاتصال الفعال	I2	مدرس مساعد	27/08/2006	29/08/2006	قاعة كلية التربية (ب) صباحى	حضور البرنامج	
الاتجاهات الحديثة فى التدريس	T2	مدرس مساعد	19/11/2006	21/11/2006	قاعة كلية الزراعة صباحى	حضور البرنامج	
العرض الفعال	C2	مدرس مساعد	14/12/2008	16/12/2008	قاعة كلية التجارة صباحى	حضور البرنامج	
نظم الامتحانات وتقييم الطلاب	T3	مدرس	25/01/2009	27/01/2009	قاعة كلية التربية صباحى	حضور البرنامج	
النشر العلمى	R1	مدرس	14/02/2010	16/02/2010	قاعة كلية التجارة مسائى	حضور البرنامج	
تنظيم المؤتمرات العلمية	C3	مدرس	15/09/2013	16/09/2013	قاعة (أ) بمركز تطوير الاداء الجامعى صباحى	حضور البرنامج	
مشروعات البحوث التنافسية المحلية و العالمية	R3	مدرس	07/10/2013	08/10/2013	قاعة (أ) بمركز تطوير الاداء الجامعى صباحى	حضور البرنامج	
التخطيط الاستراتيجى	L1	مدرس	02/03/2014	03/03/2014	قاعة (أ) بمركز تطوير الاداء الجامعى صباحى	حضور البرنامج	
الادارة الجامعية	L2	مدرس	15/06/2014	16/06/2014	قاعة (أ) بمركز تطوير الاداء الجامعى صباحى	حضور البرنامج	
تطبيق المعايير الأكاديمية للبرنامج التعليمي	Q1	مدرس	19/10/2014	20/10/2014	قاعة (أ) بمركز تطوير الاداء الجامعى صباحى	حضور البرنامج	
تصميم و إنتاج المقررات الالكترونيه	N2	استاذ مساعد	30/12/2018	31/12/2018	قاعة (أ) بمركز تطوير الاداء الجامعى صباحى	حضور البرنامج	
تصميم المواقع الشخصية لأعضاء هيئة التدريس	N3	استاذ مساعد	24/10/2020	25/10/2020	مسائى - Online	حضور البرنامج	
محركات البحث العلمى وطرق تصنيف الجامعات	N9	مدرس	15/03/2021	16/03/2021	مسائى - Online	حضور البرنامج	
مهارات الإبداع والابتكار وريادة الأعمال	N12	مدرس	16/08/2021	17/08/2021	مسائى - Online	حضور البرنامج	
أهداف التنمية المستدامة و رؤية مصر 2030	N18	استاذ مساعد	12/04/2022	13/04/2022	صباحى - Online	حضور البرنامج	
الجوانب المالية والقانونية فى الاعمال الجامعية	L3	استاذ مساعد	24/07/2022	25/07/2022	مسائى - Online	حضور البرنامج	

الدورات المسائى تعقد مساءً من (3-8)

الدورات الصباحى تعقد صباحاً من (3-10)

يتم الحضور Online باستخدام برنامج Microsoft Teams

Thank you