



Curriculum Vitae



I- Personal information:

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| 1) Full Name: | ▪ Dalia Mohamed Rasheed |
| 2) Title: | ▪ Associate Professor- Pharmacognosy Department- October 6 University |
| 3) Nationality: | ▪ Egyptian |
| 4) Date of birth: | ▪ 22/1/1973 |
| 5) Place of birth: | ▪ Alexandria - Egypt |
| 6) Marital status: | ▪ Married |
| 7) Address: | ▪ Faculty of Pharmacy, October 6 University |
| 8) E-Mail: | ▪ dalirasheed@o6u.edu.eg |
| 9) H-Index (according to Scopus): | ▪ 9 |
| 10) Website: | ▪ https://scholar.google.com/citations?user=y-KJT98AAAAJ&hl=en&oi=sra |
| 11) ORCID: | ▪ 0000-0002-1462-3394 |
| 12) Scopus author ID: | ▪ 55969402200 |

II- Education:

Bachelor's degree of pharmaceutical sciences, Faculty of Pharmacy, Alexandria University - 1995.

III- Professional occupations:

- **Dec. 2019 - current** Associate Professor-Pharmacognosy Department- Faculty of Pharmacy- October 6 University.
- **Sep.2014- Dec. 2019** Assistant Professor-Pharmacognosy Department- Faculty of Pharmacy- October 6 University.
- **Oct 2007- Jul. 2014** Research assistant -Pharmacognosy Department- Faculty of Pharmacy- October 6 University.
- **Jan.1999- Oct 2007** Teaching assistant in the Applied Research Center for Medicinal Plants, National Organization for Drug Control and Research (NODCAR) - Egypt.
- **May 1997- July 1998** Pharmacist in Methodology department, Research and Product Development Sector, Amriya Pharmaceutical industries Co.
- **Oct.1995- May1997** Pharmacist in Methodology department, Research and Product Development Sector, Alexandria Pharmaceutical industries Co.



IV- Experience:

- Specializing in plant metabolomics, natural products chemistry.
- Developing analytical procedures for evaluation of pharmaceutical natural products using different chromatographic and spectrophotometric techniques.
- Operating different analytical instruments (MPLC, HPLC and GLC) of several brands viz. Agilent, Waters and Beckman.
- Attending several training courses of the “National Authority for Quality Assurance and Accreditation of Education- NAQAAE”.

a) Teaching experience:

“Production and Manufacture of Medicinal Plants”/ “Processing of Medicinal Plants”

(2014 - 2021): fifth level students

“Biotechnology in Drug Production”/ “Biotechnology of Medicinal Plants”

(2014 - 2020): fourth level students

“Nutraceuticals and Food Supplements”

(2018 - 2021): fourth level students

“Phytochemistry I”

(2020 - 2023): Third level students

“Phytochemistry II”

(2020 - 2023): Third level students

“Biotechnology and cell tissue culture”

Post-graduate students

“Biosynthesis in plants”

Post-graduate students

“Advanced chromatography”

Post-graduate students

b) Research experience and list of publications:

1. **Dalia M. Rasheed**, Farag, M. A., Khattab, A. R., Rahman, M. F. A., & El-Haddad, A. E. (2023). A comparative MS-based metabolomics study and in-vitro antidiabetic assay of galangals, turmeric and ginger aided by molecular networking and chemometrics. *Industrial Crops and Products*, 205, 117438.
2. Khattab, Amira R., **Dalia M. Rasheed**, Alaadin E. El-Haddad, Andrea Porzel, Ludger A. Wessjohann, and Mohamed A. Farag. "Assessing phytoequivalency of four Zingiberaceae spices (galangals, turmeric and ginger) using a biochemometric approach: A case study." *Industrial Crops and Products* 188 (2022): 115722.
3. El-Gazar, Amira A., Ayat M. Emad, Ghada M. Ragab, and **Dalia M. Rasheed**. "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-TOF-MS." *Toxins* 14, no. 5 (2022): 347.
4. Emad, Ayat M., **Dalia M. Rasheed**, Reham F. El-Kased, and Dina M. El-Kersh. "Antioxidant, antimicrobial activities and characterization of Polyphenol-enriched extract of egyptian celery (*Apium graveolens* L., Apiaceae) aerial parts via UPLC/ESI/TOF-MS." *Molecules* 27, no. 3 (2022): 698.
5. **Dalia M. Rasheed**, Emad, A.M., Ali, S.F., Ali, S.S., Farag, M.A.,



- Meselhy, M.R. and Sattar, E.A., 2021. UPLC-PDA-ESI/MS metabolic profiling of dill shoots bioactive fraction; evidence of its antioxidant and hepatoprotective effects in vitro and in vivo. *Journal of Food Biochemistry*, 45(6), p.e13741.
6. Farag, Mohamed A., Sherif M. Afifi, **Dalia M. Rasheed**, and Amira R. Khattab. "Revealing compositional attributes of *Glossostemon bruguieri* Desf. root geographic origin and roasting impact via chemometric modeling of SPME-GC-MS and NMR metabolite profiles." *Journal of Food Composition and Analysis* 102 (2021): 104073.
 7. **Dalia M. Rasheed**, Ayat M. Emad, Sherifa F. Ali, Sameh S. Ali, Mohamed A. Farag, Meselhy R. Meselhy, and Essam A. Sattar. "UPLC-PDA-ESI/MS metabolic profiling of dill shoots bioactive fraction; evidence of its antioxidant and hepatoprotective effects in vitro and in vivo." *Journal of Food Biochemistry* 45, no. 6 (2021): e13741.
 8. Baky, Mostafa H., Mohamed A. Farag, and **Dalia M. Rasheed**. "Metabolome-Based Analysis of Herbal Cough Preparations Via Headspace Solid-Phase Microextraction GC/MS and Multivariate Data Analyses: A Prospect for Its Essential Oil Equivalency." *ACS omega* 5, no. 48 (2020): 31370-31380.
 9. **Rasheed, Dalia M.**, Ahmed Serag, Zeinab T. Abdel Shakour, and Mohamed Farag. "Novel trends and applications of multidimensional chromatography in the analysis of food, cosmetics and medicine bearing essential oils." *Talanta* (2020): 121710.
 10. **Rasheed, Dalia M.**, Dina M. El-Kersh, and Mohamed A. Farag. "Ceratonia siliqua (Carob-Locust Bean) Outgoing and Potential Trends of Phytochemical, Economic and Medicinal Merits." In *Wild Fruits: Composition, Nutritional Value and Products*, pp. 481-498. Springer, Cham, 2019.
 11. Dina M. El-Kersh, Manar Eissa, **Dalia M. Rasheed**. Impact of Extraction Technique on the Volatile Oil Contents and Composition of four *Ocimum* Species; Microwave Assisted Extraction versus Distillation Study. *Journal of Advanced Pharmacy Research* 3 (3), 134-142.
 12. **Rasheed, D.M.**, Porzel, A., Frolov, A., El Saedi, H. R., Wessjohann, L. A., & Farag, M. A. Comparative analysis of *Hibiscus sabdariffa* (roselle) hot and cold extracts in respect to their potential for α -glucosidase inhibition. *Food Chemistry* (250): 236-244 (2018).
 13. Mohamed A Farag, Dina M. El-Kersh, **Dalia M. Rasheed**, and Andreas G. Heiss. Volatiles distribution in *Nigella* species (black cumin seeds) and in response to roasting as analyzed via solid-phase microextraction (SPME) coupled to chemometrics. *Industrial Crops and Products* (108): 564-571 (2017).
 14. Mohamed A. Farag; **Dalia M. Rasheed**; Matthias Kropf ; Andreas G. Heiss, Metabolite profiling in *Trigonella* seeds via UPLC-MS and GC-MS analyzed using multivariate data analyses. *Analytical and Bioanalytical Chemistry*.408 (28) 8065–8078 (2016)
 15. M. a. Farag, **D.M. Rasheed**, I.M. Kamal, Volatiles and primary metabolites profiling in two *Hibiscus sabdariffa* (roselle) cultivars via headspace SPME-GC-MS and chemometrics, *Food Research International* (78): 327–335. (2015).
 16. **Rasheed, D.M.**, El Zalabani, S.M., Koheil, M.A., El-Hefnawy, H.M., Farag, M.A.,Metabolite profiling driven analysis of *Salsola* species and their antiacetylcholinesterase potential. *Natural Product Research* (27): 2320–2327 (2013).



17. Kamilia Fouly, Nebal El-Tanbouly, Hala El-Hefnawy, **Dalia Rasheed**, Ahmed Mohamadin and Amr Mariee. *In vitro* and *in vivo* antioxidant activities of certain Egyptian plant extracts. Mansoura Journal of Pharmaceutical Sciences, 2004

c) Training and Attendance of conferences :

2014	workshop on molecular therapeutics Alexandria university in collaboration with Bordeaux university
2014	Speaker at the joint Egyptian-German workshop entitled "Recent Advances in Natural Products Drug Discovery & Analysis" at Cairo University
2018	Writing Effective Exam Questions: Learning domains and Construction of Valid and Reliable Exams
2018	Speaker at the workshop entitled "Advanced MS Based Metabolomics Applications in Medicine & Pharmacy" at the American University in Cairo
2018	Poster presentation at the 2 nd International Conference of the Faculty of Pharmacy, Ein- Shams University "Future Trends in the Development of Pharmaceutical Education and Research"
2018	Workshop for Effective Academic Writing
2018	Workshop for Writing Effective Exam Questions: Learning domains and Construction of Valid and Reliable Exams
2018	Attendance of 1 st International Scientific Conference "Recent Trends in Pharmaceutical Sciences" of the Faculty of Pharmacy, Egyptian-Russian University,
2019	Attendance of 1 st Joint Egyptian Italian Workshop on Innovative Scientific Research at the National Research Center- Giza- Egypt
2018	Workshop on the Applications of Molecular Docking in Drug Design and Discovery
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
2021	Measures of infection control



2021	التسجيل والإرشاد الأكاديمي
2022	GNPs Molecular Networking in Natural Products
2022	TOT دورة عداد المدربين
2022	ندوة تعريفية عن : Green Metric Rank
2022	ندوة تعريفية عن : "What about Accelerate your science research and education with JOVE"
2022	Attendee 7th International Conference of Faculty of Pharmacy, Al Azhar University
2022	2nd international conference and exhibition on pharmaceutical and healthcare sciences, Alexandria 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 للإمتحانات النظرية والتغذية
2022	أسس الممارسة الجيدة لليقظة الدوائية
2023	التفكير الناقد
2023	Blueprint
2023	التحول الرقمي

V- Awards:

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VI- Memberships in the committee:

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VII- Other activities:

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