

CURRICULUM VITAE

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Ain Shams Scholar profile: <https://research.asu.edu.eg/cris/rp/rp12525>

Researchgate profile: https://www.researchgate.net/profile/Esraa-A-Elhawary?ev=hdr_xprf (H-index= 11)

Google scholar profile: <https://scholar.google.com/citations?hl=en&user=k5T4mdIAAAAJ> (H-index= 10, i10-index=12, citations 405)

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SciProfiles: [312401](https://sciprofiles.com/312401)

Education

- PhD Pharmacognosy (2022), Department of Pharmacognosy, Faculty of Pharmacy Ain Shams University, Cairo, Egypt.
- M. Sc. Pharmacognosy (2015), Department of Pharmacognosy, Faculty of Pharmacy Ain Shams University, Cairo, Egypt.
- B. Sc. in pharmaceutical sciences (May 2010), Faculty of Pharmacy Ain Shams University, Cairo, Egypt, Excellent with great honors.

Professional experience

- 6/2022 till now: Assistant Professor of pharmacognosy, Department of Pharmacognosy, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt.
- 7/ 2015-5/2022: Assistant lecturer of pharmacognosy, Department of Pharmacognosy, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt.
- 4/2011-5/2015: Teaching assistant of pharmacognosy, Department of Pharmacognosy, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt.

Professional skills

In the field of Pharmacognosy and Phytochemistry:

- Evaluation of isolated natural compounds biologically.
- Isolation and structural elucidation of biologically active polyphenolics, sterols and triterpenes.
- Essential oils extraction, isolation and biological evaluation.
- Quality control of herbal drugs (UPLC/MS, HR-LC/MS, HPLC, GC, GC/MS, UV, IR, 1D and 2D-NMR).
- Botanical investigation of medicinal plants.
- Multivariate data analysis using supervised and unsupervised techniques.

Statement of teaching

Undergraduates (Bachelor, Pharm D, DDP and Pharm D clinical) courses, Department of Pharmacognosy, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt:

- Botany (Introduction to Botany).
- Medical Botany (leaf, flower, bark and wood).
- Pharmacognosy I (seeds, fruits and subterranean).
- Pharmacognosy II (herbs, unorganized drugs and optimum nutrition).
- Phytochemistry I (glycosides, Tannins, bitter principles and carbohydrates).
- Phytochemistry II (essential oils and alkaloids).
- Quality control of herbal products courses.
- Phytotherapy.
- Sharing in writing practical notes of Botany, Medical Botany, Pharmacognosy, Phytochemistry I & II and Quality control of natural products for **undergraduates** of Faculty of Pharmacy, Ain Shams University, Cairo, Egypt.

Postgraduate courses

- Special topics
- Structure elucidation.
- Advanced Chromatography.
- Plant toxicity.
- Marine natural products.
- Biosynthesis.
- Phytotherapy.

Webinars

- **“Clarivate’s Researchers Academy”**. Hosted by Egyptian Knowledge Bank (EKB) in collaboration with Clarivate (Apr-May, 2025 and Sep-Oct, 2025). I successfully attended the 7 programs (write a manuscript, write a funding proposal, become a peer reviewer, higher education teaching skills, collaborate with industry, research communication skills, academic and research collaborations). Twenty-eight hours of training, certificates will be released soon).
- **“From submission to publication: Mastering the peer review journey (EKB)”** held by Egyptian knowledge bank (EKB), Apr. 29, 2025. Organized by Emerald publishing.
- **“Pharmacy Research Simplified: Leveraging Reaxys AI for Drug Discovery and Development”** (Researcher academy on campus, Ain Shams University) at Ain Shams University, on 17 Sep. 2025.
- **“Clarivate open science webinar”**, October 17th, 2024 (1hour online webinar).
- **“How to structure an international research?”** held by Egyptian knowledge bank (EKB), Sep. 30, 2024. Organized by Emerald publishing.
- **“Research Funding”** Webinar organized by Clarivate and Egyptian knowledge bank (EKB), Dec. 1st, 2020.
- **Role of artificial intelligence in peer review”**. Wiley webinar, Sep. 20, 2024.
- **“Funding Institutional – Onboarding” (Researcher academy on campus, Ain Shams University)** (1hour and 12 minutes) at Ain Shams University, on Wednesday 25 November, 2020.

- **Training workshop on using Electronic learning system (Moodle)** held by Ain Shams University Education Development Management Unit, 7 Oct, 2020.
- **“2016 Kick-off Diabetes Meeting”** organized by Merck Sharp & Dohme (MSD), 2016.

Seminars/Workshops

As Attendee

- **Attended a two-day workshop entitled: “Molecular Modeling and Its Application in Drug Design”** workshop of the 12th Volatile Oil Gallery Held in the Faculty of Pharmacy, Ain Shams University (2025).
- **حضور ندوة بعنوان " تعزيز الهوية الوطنية و دعم منظومة القيم و الأخلاق " المقام ضمن فاعليات الموسم الثقافي و بالتعاون مع مركز الازهر العالمي للفتوى الإلكترونية بمشيخة الأزهر الشريف 7 أكتوبر 2024**
- **“Top 10 anti-diabetic herbs”**, as part of the **“Cultural Season الموسم الثقافي organized by the Community and Environmental Development sector**, Faculty of Pharmacy, Ain Shams University, 10th Dec., 2024.
- **Workshop entitled: “كيفية التعامل مع طفايات الحريق و دش الطوارئ”** held on 15 Oct., 2024. **Organized by the Community and Environmental Development sector**, Faculty of Pharmacy, Ain Shams University.
- **Workshop entitled: “كيفية التعامل مع طفايات الحريق و دش الطوارئ”** held on 10 Oct., 2022. **Organized by the Community and Environmental Development sector**, Faculty of Pharmacy, Ain Shams University.
- **Faculty Training and Management Workshop for Faculty members – Faculty and Leadership Development Program (FLDP), Ain Shams University:**
 1. Scientific Writing.
 2. Scholarly Publishing in Indexed Journals.
 3. Effective Presentation Skills.
 4. Quality Standards in Teaching Process.
 5. Financial and Legal Aspects in University Affairs.
 6. Organization of Scientific Conferences.
 7. Managing the Research Team.
 8. Local and Global Competitive Research Projects.

As Speaker

- **“Superfood: Sources and Health Benefits”** as part of the **“Cultural Season الموسم الثقافي organized by the Community and Environmental Development sector**, Faculty of Pharmacy, Ain Shams University, 29 Apr, 2025.
- **“Diastasis Recti How to heal your core”** as part of the **“Cultural Season الموسم الثقافي organized by the Community and Environmental Development sector**, Faculty of Pharmacy, Ain Shams University, 5 March, 2024.

College/Social activities

- **One of the editorial board members of “Pharma Insider”**, the monthly E-magazine of the **Community and Environmental Development sector**, Faculty of Pharmacy, Ain Shams University since its issuing in 2022 till now (2025).
- **Part of the organization team for the “the Annual Charitable Exhibition of Clothes معرض الملابس الخيري السنوي”** organized yearly by the **Community and Environmental**

Development sector, Faculty of Pharmacy, Ain Shams University during the last four years (2022/2023), (2023/2024), (2024/2025) and (2025/2026).

- عضو في وحدة الأزمات و الكوارث التابع لقطاع شؤون خدمة المجتمع و تنمية البيئة كلية الصيدلة جامعة عين شمس (2026-2025)
- عضو في لجنة السلامة و الصحة المهنية التابعة لقطاع شؤون خدمة المجتمع و تنمية البيئة كلية الصيدلة جامعة عين شمس (2025-2024) (2026-2025)

Student activities

- **Supervision of Pharm D clinical students Research Graduation project (2025-2026) entitled:** “Innovative Nanophytomedicine from *Berberis thunbergii* for Chemotherapy-Induced Cognitive Impairment”.
- **Supervision of Pharm D clinical students Research Graduation project (2025-2026) entitled:** “Innovative Nanotechnology-Based Formulation of *Berberis thunbergii* Extracts as Dual Incretin Modulators (GLP-1/GIP) for Diabetes and Obesity Management”.
- **Supervision of Pharm D Students Research Graduation project (2024-2025) entitled:** “From Curry Leaf to Cutting-Edge Care: Nature's therapy for Skin Health and Wound Healing”.
- **Supervision of Pharm D Students Research Graduation project (2024-2025) entitled:** ““*Murraya koenigii*: Nature’s Answer to Chemotherapy-Induced Cognitive Impairment”.
- Attendance of the **Volatile Oil Gallery (VOG)**, an applied student activity organized yearly by the Pharmacognosy Department, Faculty of Pharmacy, Ain Shams University since 2013-2018 and from 2021-2025.
- Attendance of the **12th Volatile Oil Gallery (VOG) 4th international Symposium** (13th Nov, 2025).
- Attendance of the **11th Volatile Oil Gallery (VOG) 3rd international Symposium** (26th Nov, 2024).
- **Participated a poster evaluator during the 8th Volatile Oil Gallery.**
- **Participated as an organizer of the 5th Volatile Oil Gallery (VOG)**, organized yearly by the Pharmacognosy Department, Faculty of Pharmacy, Ain Shams University. Dec., 2018.
- **Participated as a supervisor in the Natural Product Internship Program (NPIP)** organized by the Pharmacognosy Department, Faculty of Pharmacy, Ain Shams University. (Aug-Nov, 2018).

Personal Skills and Knowledge

- Excellent working knowledge of ChemDraw software, EndNote software, Xcalibar software, Mass lynx software, Mzmine software, GraphPad Prism software, NCSS 12, Unscrambler X and MestreNova software.

Association Membership

- **Member of Egyptian Pharmacy syndicate. 2010 till now.**

- Member of “The Everlasting Youth Association for the Care of the Elderly” 2025 till now.

Charity activities

- Attending “Orphans Day” حفلة رفيقي organized by Gudy Family, a student charity-based family, Faculty of Pharmacy, Ain Shams University that was held at the Children’s Garden, Cairo, Egypt (April, 2022).
- Participating in the “Feeding Day الإطعام” organized each year during Holy Ramadan month by Engineering Consultant Group (ECG) from 2014 till 2025.

Others

- A graduate from “Zad Academy for Islamic Sciences”, four levels online academy, graduated with 82.07% “very good”, 2022-2023.

Conferences

International

- Ain Shams University 13th international conference entitled: “75 years of excellence and leadership” rich heritage and vibrant future” (14-15 May, 2025).
- The 13th Conference of the SEB–K and 6th International Conference of NAPRECA–K, a virtual conference jointly organized by the Society for Ethnobotany – Kenya (SEB – K) and the Natural Products Research Network for Eastern and Central Africa–Kenyan Chapter (NAPRECA – K), December 4-5, 2024. Held by Society for ethnobotany.
- The 3rd International Conference of Faculty of Pharmacy, Ain Shams University, at Al Masa Hotel, Nov 19-20, 2023.
- The 9th Annual Ain Shams University International Conference (6-8 April, 2021).
- The 2nd ICPASU International Conference of Faculty of Pharmacy, Ain Shams University entitled: “Future Trends in the Development of Pharmaceutical Education and Research” (13-15 Nov., 2018).
- Attendance and poster presentation at The 7th Annual International Ain Shams University Conference entitled: “*Internationalization and Mobility*” (2-5 April, 2018).
- Attendance and poster presentation at The 7th Scientific Congress of the Associations of College of Pharmacy in the Arab world. Held in Cairo, Egypt. (14th to 16th Oct 2014).

National

- Badr University in Cairo 1st Conference of Pharmaceutical Sciences. Held online on 6th Nov 2021. Approved by Egyptian Association of Continuing Medical Education Development.

Peer Reviewer

- BMC genomics
 - Annals of biomedical science and engineering
 - Annals of proteomics and bioinformatics
 - International journal of environment and climate change
 - Chemistry and biodiversity
 - Discover molecules
 - Journal of Functional Foods
 - Environmental Pollutants and Bioavailability
 - Cogent Food & Agriculture
 - Fitoterapia
 - Plos One
 - Frontiers in plant sciences
 - Frontiers in bioinformatics.
 - Chemistry select.
 - Cogent food and agriculture.
 - Scientific reports.
 - Egyptian Journal of Veterinary Sciences
 - Food science and nutrition.
 - Environmental pollutants and bioavailability.
 - Rsc advances.
 - Current tropics in medicinal chemistry.
 - Computational and Structural Biotechnology Journal.
 - Azhar international J of pharmaceutical and medical sciences.
 - Acta tropica.
- **Sciencedomain international for the following journals:**
- European Journal of Medicinal Plants
 - Journal of Pharmaceutical Research International
 - Annual Research & Review in Biology
 - Microbiology Research Journal International
 - International Journal of Biochemistry Research & Review
 - Journal of Complementary and Alternative Medical Research
 - Journal of Applied Life Sciences International
 - Asian Journal of Research in Biochemistry
 - South Asian Research Journal of Natural Products
 - Chemical Science International Journal
 - International Journal of Tropical Disease and Health
 - Journal of Advances in Microbiology
 - Current Journal of Applied Science and Technology
 - South Asian Journal of Research in Microbiology
 - Journal of Scientific Research and Reports
 - International Journal of Plant & Soil Science
 - Journal of Biology and Nature
 - Archives of Current Research International
 - Journal of Experimental Agriculture International
 - Asian Journal of Microbiology and Biotechnology
 - Asian Journal of Biology

- Asian Journal of Chemical Sciences
- Asian Journal of Biotechnology and Bioresource Technology
- Asian Journal of Physical and Chemical Sciences
- Asian Journal of Research in Medical and Pharmaceutical Sciences
- Journal of Advances in Medicine and Medical Research
- Bionature
- Asian Journal of Biochemistry, Genetics and Molecular Biology
- Plant Cell Biotechnology and Molecular Biology
- Journal of Advances in Medical and Pharmaceutical Sciences
- British Journal of Pharmaceutical Research
- Journal of Biochemistry International
- Journal of Advances in Biology & Biotechnology
- Advances in Research
- Physical Science International Journal
- Journal of Agriculture and Ecology Research International
- European Journal of Nutrition & Food Safety
- Asian Journal of Medicine and Health
- Asian Research Journal of Agriculture
- European Journal of Medicinal Plants and Journal of Pharmaceutical Research
- Journal of Case Reports in Medical Science
- Asian Journal of Advances in Agricultural Research
- Asian Journal of Research in Crop Science
- Asian Food Science Journal
- Asian Journal of Research in Agriculture and Forestry
- Asian Plant Research Journal
- Asian Journal of Research in Animal and Veterinary Sciences
- Asian Journal of Agricultural and Horticultural Research
- Asian Journal of Biotechnology and Genetic Engineering
- Asian Journal of Research in Infectious Diseases
- South Asian Journal of Parasitology
- Uttar Pradesh Journal of Zoology

Honors and awards

- **Best graduation project in Pharmacognosy (2025), Pharm D program** at Faculty of pharmacy, Ain Shams University, Cairo, Egypt for supervising the graduation project entitled: “From Curry Leaf to Cutting-Edge Care: Nature's therapy for Skin Health and Wound Healing”.
- **Best graduation project in Pharmacognosy (2025), Pharm D program** at Faculty of pharmacy, Ain Shams University, Cairo, Egypt for supervising the graduation project: “*Murraya koenigii*: Nature’s Answer to Chemotherapy-Induced Cognitive Impairment”.
- **A Certificate of “Excellence in Peer Reviewing”** from Journal of Functional Foods, Jan, 2025.
- **A Certificate of International Publication award (Batch 33) for publishing Book Chapter that enhanced the overall ranking of Ain Shams University, 14 May, 2025.**
- **A Certificate of International Publication award (Batch 7) for publishing Research Articles that enhanced the overall ranking of Ain Shams University, 14 May, 2025.**

- **Top peer reviewer** (Publons peer review awards 2018, assorted top 1% reviewers).

Grants

- **Graduation research project** entitled: “From Curry Leaf to Cutting-Edge Care: Nature's therapy for Skin Health and Wound Healing”. Funded by "مشروع بدائتي لدعم مشاريع التخرج", in collaboration with Nawah® Scientific Center and the Academy of Scientific Research and Technology (2025).
- **Graduation research project** entitled: “*Murraya koenigii*: Nature’s Answer to Chemotherapy-Induced Cognitive Impairment”. Funded by "مشروع بدائتي لدعم مشاريع التخرج", in collaboration with Nawah® Scientific Center and the Academy of Scientific Research and Technology (2025).

Thesis Supervision

- **Master Thesis (Marwa El-Dereny) entitled:** “Phytochemical and Biological Studies of *Asystasia gangetica* family Acanthaceae cultivated in Egypt”.
- **PhD Thesis (Christine Faheem) entitled:** “Multi-Target Herbal Synergy for Diabetic Neuropathy: Investigating the Combined Effects of some traditionally used Plants”.
- **PhD Thesis (Ahmed Mohsen Salim) entitled:** “Phytochemical and biological investigation of selected fungi associated with some *Erythrina* plants”.

List of Publications

- **El-Hawary, E.A.,** Abdel-Aziz, E., Labib, R.M., Esmat, A., Abdel-Naim, A.B., Khalifa, A.E., Singab, A.N.B., Ayoub, N.A., (2015). **Anti-inflammatory Activity of the Phenolic-rich Extract of *Schotia brachypetalea* Sond. Fam. Fabaceae,** Cultivated in Egypt. European Journal of Medicinal Plants 8, 190-201.
- Sobeh, M., **ElHawary, E. A.,** Peixoto, H., Labib, R.M., Handoussa, H., Swilam, N., El-Khatib, A.H., Sharapov, F., Mohamed, T., Krstin, S. (2016). **Identification of phenolic secondary metabolites from *Schotia brachypetala* Sond. (Fabaceae) and demonstration of their antioxidant activities in *Caenorhabditis elegans*.** PeerJ 4, e2404.
- **Elhawary, E. A.,** Mostafa, N., Milad, R., & Singab, A. N. (2021). **Botanical and genetic profiling of three *Rosa* varieties cultivated in Egypt.** Archives of Pharmaceutical Sciences Ain Shams University, 5(1), 111-127.
- **Elhawary, E. A.,** Mostafa, N. M., Labib, R. M., & Singab, A. N. (2021). **Metabolomic profiles of essential oils from selected *Rosa* varieties and their antimicrobial activities.** Plants, 10(8), 1721.
- **Elhawary, Esraa A.,** Nada M. Mostafa, Ahmed ZI Shehata, Rola M. Labib, and Abdel Nasser B. Singab. **Comparative study of selected *Rosa* varieties’ metabolites through UPLC-ESI-**

MS/MS, chemometrics and investigation of their insecticidal activity against *Culex pipiens* L. Jordan Journal of Pharmaceutical Sciences 14, no. 4 (2021).

- Batiha, Gaber El-Saber, Hazem M. Shaheen, **Esraa A. Elhawary**, Nada M. Mostafa, Omayma A. Eldahshan, and Jean-Marc Sabatier. **Phytochemical Constituents, Folk Medicinal Uses, and Biological Activities of Genus *Angelica*: A Review.** Molecules 28, no. 1 (2023): 267.
- **Esraa A. Elhawary**, Ashaimaa Y. Moussa, Omayma A. Eldahshan, and Abdel Nasser B. Singab. "**Citrus Fruit Nanoemulsions and Their Applications.**" In *Current Trends in Green Nano-emulsions: Food, Agriculture and Biomedical Sectors*, pp. 39-56. Singapore: Springer Nature Singapore, 2023.
- Alanzi, Abdullah, **Esraa A. Elhawary**, Mohamed L. Ashour, and Ashaimaa Y. Moussa. "***Aspergillus* co-cultures: A recent insight into their secondary metabolites and microbial interactions.**" Archives of Pharmacal Research (2023): 1-26.
- Aly, S.H., **Elhawary, E.A.**, Elissawy, A.M., Mostafa, N.M., Eldahshan, O.A. and Singab, A.N.B., 2023. 13 **Brown Algae (Phaeophyta).** Aquatic Medicinal Plants.
- Moussa, A.Y., Siddiqui, S.A., **Elhawary, E.A.**, Guo, K., Anwar, S. and Xu, B., 2024. **Phytochemical constituents, bioactivities, and applications of custard apple (*Annona squamosa* L.): A narrative review.** Food Chemistry, p.140363.
- El-Nashar, H.A., Al-Qaaneh, A.M., Bhuia, M.S., Chowdhury, R., Abdel-Maksoud, M.A., Ebaid, H., Malik, A., Torequl Islam, M., Aufy, M. and **Elhawary, E.A.**, 2024. **UPLC-ESI/MSⁿ metabolic profiling of *Cedrela odorata* L. and *Toona ciliata* M. Roem and *in vitro* investigation of their anti-diabetic activity supported with molecular docking studies.** Frontiers in Chemistry, 12, p.1462309.
- El-Nashar, H.A., Abbas, A.M., Al-Qaaneh, A.M., Abdel-Maksoud, M.A., El-Tayeb, M.A., Almutairi, S., Hafeez Kiani, B. and **Elhawary, E.A.**, 2024. **Chemical composition and antimicrobial investigation of the essential oil isolated from *Montanoa bipinnatifida* (Kunth) K. Koch leaves.** Journal of Essential Oil Bearing Plants, 27(5), pp.1428-1438.
- Nilofar, Bahadırli, N.P., **Elhawary, E.A.**, Eldahshan, O., Singab, A.N., Saka, E., Cespedes-Acuna, C.L., Andruch, V., Kalyniukova, A. and Zengin, G., 2024. **Exploring the chemical composition and biological effects of four *Salvia* hybrids: an innovative perspective on functional yields.** eFood, 5(5), p.e70012.
- Ullah, A., Mostafa, N.M., Halim, S.A., **Elhawary, E.A.**, Ali, A., Bhatti, R., Shareef, U., Al Naeem, W., Khalid, A., Kashtoh, H. and Khan, A., 2024. **Phytoconstituents with**

cardioprotective properties: A pharmacological overview on their efficacy against myocardial infarction. *Phytotherapy Research*, 38(9), pp.4467-4501.

- Yagi, S., Zengin, G., Eldahshan, O.A., Singab, A.N.B., Selvi, S., Cetiz, M.V., Rodrigues, M.J., Custodio, L., Dall'Acqua, S. and **Elhawary, E.A.**, 2024. **Functional constituents of *Colchicum lingulatum* Boiss. & Spruner subsp. rigescens K. Perss. extracts and their biological activities with different perspectives.** *Food Bioscience*, p.104496.
- **Elhawary, E.A.**, Korany, D.A., Eldahshan, O.A. and Singab, A.N.B., 2024. **Insights on Dietary Anticancer Products: Food Supplements, Prebiotics, and Probiotics.**
- Singab, A.N.B., **Elhawary, E.A.**, Elkhawas, Y.A., Fawzy, I.M., Moussa, A.Y. and Mostafa, N.M., 2024. **Role of Nutraceuticals in Obesity Management: A Mechanism and Prospective Supported by Molecular Docking Studies.** *Journal of Medicinal Food*, 27(2), pp.176-197.
- **Elhawary, E.A.**, Nilofar, N., Zengin, G. and Eldahshan, O.A., 2024. **Variation of the essential oil components of *Citrus aurantium* leaves upon using different distillation techniques and evaluation of their antioxidant, antidiabetic, and neuroprotective effect against Alzheimer's disease.** *BMC Complementary Medicine and Therapies*, 24(1), p.73.
- **Elhawary, E.A.**, Moussa, A.Y. and Singab, A.N.B., 2024. **Genus *Curcuma*: chemical and ethnopharmacological role in aging process.** *BMC Complementary Medicine and Therapies*, 24(1), p.31.
- El-Tabakh, M.A., **Elhawary, E.A.**, Hwihiy, H.M., Darweesh, K.F., Shaapan, R.M., Ghazala, E.A., Mokhtar, M.M., Waheeb, H.O., Emam, D.E., Bakr, N.A. and Shehata, A.Z., 2023. **UPLC/ESI/MS profiling of red algae *Galaxaura rugosa* extracts and its activity against malaria mosquito vector, *Anopheles pharoensis*, with reference to *Danio rerio* and *Daphnia magna* as bioindicators.** *Malaria Journal*, 22(1), p.368.
- Shehata, A.Z., Elhawary, E.A., Mokhtar, M.M., Waheeb, H.O., Fares, M., Emam, D.E., Bakr, N.A., Sadek, A.M. and El-Tabakh, M.A., 2023. **Molecular docking and insecticidal activity of *Pyrus communis* L. extracts against disease vector, *Musca domestica* L. (Diptera: muscidae).** *Egyptian Journal of Basic and Applied Sciences*, 10(1), pp.800-811.
- **Elhawary, E.A.**, Baz, M.M., Mostafa, R.M., Selim, A.M., Alruhaili, M.H., Gattan, H.S. and Gad, M.E., 2025. **Seasonal variation effect on different *Physalis peruviana***

L.(Solanaceae) waste extracts and investigation of their efficacy against *Culex pipiens* and *Musca domestica*. *Scientific Reports*, 15(1), p.20231.

- Baz, M.M., **Elhawary, E.A.**, Abdelhafiz, A.H., Mostafa, R.M., Alruhaili, M.H., Gattan, H.S., Selim, A., Gad, M.E. and Abd-Elkhalek, H.F., 2025. **Efficacy of Hot *Capsicum annum* Extracts Against the Biological Activity of *Culex pipiens* and *Musca domestica* Larvae with their Phytochemical Profiles.** *Acta Parasitologica*, 70(3), p.129.
- Aly, S.H., Thabet, A.A., Abd El Hafeez, M.S., Abdelbadie, F.A., **Elhawary, E.A.**, El-Nashar, H.A., Gamal El-Din, M.I. and El-Shazly, M., 2025. **Iridoid Glycosides of *Plantago*: Botany, Chemistry, Bioactivity, and Metabolism.** In *Natural Products: Phytochemistry, Botany, Metabolism of Alkaloids, Phenolics and Terpenes* (pp. 1-43). Berlin, Heidelberg: Springer Berlin Heidelberg.
- Eldereny, M.M., **Elhawary, E.A.**, El-gneady, F.F. and Labib, R.M., 2025. **A Comprehensive Review on Genus *Asystasia*: Folk Medicinal Uses, Phytoconstituents, and Pharmacological Activities.** *Chemistry & Biodiversity*, p.e202403439.
- **Elhawary, E.A.**, Gad, M.E., Hegazy, M.M., Mostafa, R.M., Gattan, H.S., Alruhaili, M.H., Selim, A.M., Mashlawi, A.M., Alkhaibari, A.M., Alasmari, S.M. and Baz, M.M., 2025. **Study of the effect of dryness and storage on *Ceratonia siliqua* L. stem extracts and evaluation of their insecticidal activity.** *Scientific Reports*, 15(1), p.11123.
- Aly, S.H., Thabet, A.A., Bahgat, D.M., Mahmoud, O.A., **Elhawary, E.A.**, El-Nashar, H.A. and Eldahshan, O.A., 2025. **Plant-Derived Compounds: A Potential Treasure for Development of Analgesic and Antinociceptive Therapeutics.** *Phytotherapy Research*.
- Baz, M.M., Eltaly, R.I., El-Ansary, R.E., Ibrahim, M., Galal, F.H., Gattan, H.S., Alruhaili, M.H., Selim, A.M., Alkeridis, L.A., El-Sayed, Y.A. and **Elhawary, E.A.**, 2025. **Efficiency of *Datura stramonium* metabolites as a promising insecticide against the vector-borne diseases *Culex pipiens* and *Aedes aegypti*.** *Parasitology International*, p.103178.
- **Elhawary, E.A.**, Soltane, R., Moustafa, M.H., Abdelaziz, A.M., Said, M.A. and Zahran, E.M., 2025. **Sustainable MnO₂/MgO Bimetallic Nanoparticles Capped with Sword Fern Methanol Extract Attain Antioxidant/Anti-Biofilm Potential: A UPLC-ESI/LC/MS and Network Pharmacology-Supported Study.** *Pharmaceuticals*, 18(9), p.1262.

November, 2025