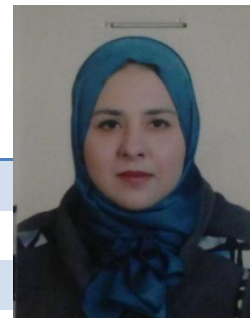


I- PERSONAL DATA:



Name:	: Rasha Adel Abd El-Monem Attia
Nationality	: Egyptian
Date of Birth	: 3/3/1981
Place of Birth	: Zagazig, Egypt
Marital Status	: Married, 3 children
Home Address	: 36 Rawda street, Al-salam neighborhood, Zagazig, sharkia, ARE
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Landline	: 02-055-2302685
Major Specialty	: Pharmacognosy, Pharmacy.
Minor Specialty	- Phytochemistry - Phytotherapy - Plant tissue culture - Plant molecular biology - Botany and medicinal plants
Current Position	: Associated professor of Pharmacognosy and medicinal plants (December, 2021).
Languages	: Arabic (The native language) and English
Email	: rashaadelelfeqy@gmail.com RAAttia@pharmacy.zu.edu.eg

II- EDUCATIONAL QUALIFICATIONS:

- B.Sc. Pharmaceutical Sciences (May 2004, Excellent with Honor degree) from Faculty of Pharmacy, University of Zagazig, Egypt.
- Master (2011) and my master thesis entitled "Pharmacognostical studies on *Dodonaea viscosa L.* cultivated in Egypt."

- PhD (2015) and PhD thesis entitled "Micropropagation, transplantation and biotransformation studies on *Daucus glaber* Forrsk".

III- EMPLOYMENT HISTORY:

- Acting head of pharmacognosy department, Faculty of Pharmacy, Zagazig university 2024.
- Manager of quality assurance unit, Faculty of Pharmacy, **Zagazig University** (2023 to 2024)
- Manager of quality assurance unit, Faculty of Pharmacy, **Elsalhia algadidah** University (2022-2023)
- Manager of training and continuous education unit in faculty of pharmacy, Zagazig University 2018 - 2022
- Coordinator of governance and leadership criterion in faculty of pharmacy, Zagazig University since 2016- 2021.
- Associated professor of pharmacognosy (since 2021)
- Lecturer of Pharmacognosy, (2015-2021).
- Assistant lecturer, (2011-2015).
- Demonstrator, University of Zagazig (2005-2011)

IV- TRAINING:

- Courses in Computer Science "MS-Dos, Windows, Spss win" Faculty of Science, Zagazig University, June – August 2007.
- ICDL, October 2011
- Centre "Faculty and Leadership Development training courses FLDC" in Zagazig University: are entitled

- ✓ Quality standards in teaching process
 - ✓ Basics in bioinformatics
 - ✓ Editing of academic text in English
 - ✓ Credit hour system
 - ✓ Using scientific databases
 - ✓ Using technology in education
 - ✓ Leading a research team.
 - ✓ Financial and legal aspects in University.
 - ✓ Quality standards in teaching process.
 - ✓ Scientific conferences organization.
 - ✓ Skills of active connection.
 - ✓ Thinking Skills Improvement.
 - ✓ Code of ethics.
 - ✓ Scientific project proposal.
 - ✓ Methods of scientific research.
- Intensive training course PCR technology, December 2012
 - Self-evaluation for higher educational institutes (16-18/8/2015); national authority for quality assurance and accreditation, ARE.
 - Strategic planning for higher education institutions (October 2021); national authority for quality assurance and accreditation, ARE.
 - Biostatistics applied workshop using graphpad prism 8 software, 3-4 september 2024.

V- EXPERIENCES:

1. Research and Practical Experiences:

- ✓ Extraction and isolation of active constituents from plants by different chromatographic methods.
- ✓ Structural elucidation of natural products using modern chromatographic techniques (HPLC, GLC...etc.) and spectroscopic methods (IR, UV, MS, ¹H- and ¹³C-NMR).
- ✓ Plant tissue culture and Plant molecular biology.

2. Teaching Experiences:

❖ Participate in teaching postgraduate courses:

- ✓ Advanced natural product biotechnology
- ✓ Recent applications in plant tissue culture

❖ Participate in teaching undergraduate courses in Zagazig and Menoufia universities:

- ✓ Phytochemistry.
- ✓ Chromatography and separation techniques.
- ✓ Natural product biotechnology.
- ✓ Quality control of herbal drugs.
- ✓ Botany and plant taxonomy.
- ✓ Phytotherapy.
- ✓ Phytochemistry
- ✓ Medicinal plants and Pharmacognosy.

VI- Memberships of Scientific and Social Societies:

1. Member of the General Syndicate of Egyptian Pharmacists.
2. Member of Zagazig Scientific Pharmaceutical Students' Association (ZSPSA).

3. Member of Zagazig University club of Professors.
4. A team member of the following criterion belonging to the Continuous Improvement and Qualifying for Accreditation Project (CIQAP) [Faculty members; governance and leadership]

VII- RESEARCH INTEREST:

- ✓ Natural products chemistry of plant (Phytochemistry), marine and animal origin.
- ✓ Plant tissue culture and biotechnology.
- ✓ Plant molecular biology.
- ✓ Phytotherapy.

VIII-PUBLICATIONS:

1. Advancement insights in cancer vaccines: mechanisms, types and clinical applications. Accepted for publication in Molecular biology reports.
2. Phytochemical constituents and biological prospects of clover broomrape. Egyptian journal of chemistry. DOI: 10.21608/EJCHEM.2025.338304.10851.(under publication).
3. Nabil, E., ...Attia R, Botanical Study of Orobanche minor Smith (Orobanchaceae). *Zagazig Journal of Pharmaceutical Sciences*, 2024; 33(1): 57-73. doi: 10.21608/zjps.2024.286503.1070
4. The Effect of Combinations of Antibiotics and Natural Products on the Antimicrobial Resistance of *Staphylococcus aureus* and *Pseudomonas aeruginosa*. Afaf Eladl,*, Rasha Attia, Hemat K. Abdullatif and Amira M. El-Ganiny. *Open Infect Dis J*, 2024; 16:e18742793303419.
5. Abd El Rahman, E., Nada, S., Ibrahim, N., Attia, R., Ibrahim, S., & Salama, M. (2024). Anti-inflammatory and Anti-oxidative Effects of Some Medicinal Herbs on Chronic Murine Toxoplasmosis: A Histopathological and Immunohistochemical Study. *Afro-Egyptian Journal of Infectious and Endemic Diseases*, 14(1), 94-112.

6. New Hopanoid, Chemical Profiling Using Uplc-EsI-Ms/Ms and Biological Activities of *Centaurea pumilio*. Rasha A. Attia,* Asmaa Gamal, Amal A. Al-Gendy, and Samia S. Hafez. *Chemistry of Natural Compounds*, Vol. 60, No. 2, March, 2024
7. Chemical Profiling of *Citrus sinensis* Root and the Effects of Its Secondary Metabolites on Cisplatin-Induced Renal and Cardiac Toxicities. Hamdan, Dalia I., Attia Rasha A, ..et al " *Revista Brasileira de Farmacognosia* 33.1 (2023): 106-115.
8. Bioguided isolation of potential antitumor agents from the aerial parts of cultivated cardoon (*Cynara cardunculus* var. *altilis*). Hamza, Rasha A., ...Attia, Rasha A. *Saudi Pharmaceutical Journal* 31.1 (2023): 125-134.
9. Attia, Rasha A., et al. "LC-ESI-MS profile, cytotoxic, antioxidant, insecticidal and antimicrobial activities of wild and in vitro propagated *Tanacetum sinaicum* Del. ex DC." *Zagazig Journal of Pharmaceutical Sciences* 31.2 (2023): 8-21.
10. Cytotoxic Activity of Some Egyptian Plants against Hepatic Human Cancer Cell Line, In-vivo Anticancer Activity and Bio-guided Isolation of Active Extracts. Hamza RA, Mostafa I, Mohamed YS, Elaasser MM, Dora GA, Ateya AM, Abdelaal M, Attia RA. *Egyptian Journal of Chemistry*. 2022 Jul.
11. LC-ESI-MS profile, cytotoxic, antioxidant, insecticidal and antimicrobial activities of wild and in vitro propagated *Tanacetum sinaicum* Del. ex DC. Rasha A Attia, Samih I El-Dahmy, Doaa D Abouelenein, and Afaf E Abdel-Ghani. *Zagazig J. Pharm. Sci.* 31.2 (2022): 8-21
12. The delayed death-causing nature of *Rosmarinus officinalis* leaf extracts and their mixture within experimental chronic toxoplasmosis: Therapeutic and prophylactic implications; Hamed, E. F. A., Mostafa, N. E., Fawzy, E. M., Ibrahim, M. N., Attia, R. A., & Salama, M. A.; *Acta Tropica* (2021): 105992.
13. Variation in the volatile constituents of wild and in vitro propagated *Tanacetum sinaicum* Del. ex DC through GC-MS chemical fingerprint;

- Adel, R.**, Abdel-Ghani, A. E., Abouelenein, D. D., & El-Dahmy, S. I.; *Indian Journal of Natural Products and Resources (IJNPR)*[Formerly *Natural Product Radiance (NPR)*] 12(2), 2021: 238-246.
14. Phytoconstituents Profile and UPLC-ESI-MS/MS Analysis of *Centaurea pumilio* L. Callus Culture Following Elicitation; **Rasha Adel**, Asmaa Gamal, Amal A. Al-Gendy and Samia S. Hafez; *Asian journal of plant sciences* 20(3), 2021: 435-449.
15. Metabolic Profiling and Biological Activities of The Aerial Parts of *Micromeria imbricata* Forssk. Growing in Saudi Arabia; Al-Yousef, H. M., Fantoukh, O. I., El-sayed, M. A., Amina, M., **Adel, R.**, Hassan, W. H., & Abdelaziz, S.; *Saudi Journal of Biological Sciences* (2021).
16. Antimicrobial and Antioxidant Activities of root and aerial parts of *Centaurea Pumilio* L.; Asmaa Gamal, **Rasha Adel**, Amal A. Al-Gendy and Samia S. Hafez; *European journal of Pharmaceutical and medical research*, 8(8), 2021
17. *Capsicum frutescens* and *Citrus limon* : a new take on therapy against experimental trichinellosis; Salama, M. A. M., Mostafa, N. E., Abd El-Aal, N. F., Mostafa, E. M., Hammad, S. K., **Adel, R.**, & Moawad, H. S. F. (*Journal of Helminthology*, 95, 2021).
18. Efficacy of *Zingiber officinale* and *Cinnamomum zeylanicum* extracts against experimental *Trichinella spiralis* infection; Salama, M. A. M., Mostafa, N. E., Abd El-Aal, N. F., Moawad, H. S. F., Hammad, S. K., **Adel, R.**, & Mostafa, E. M.; *Journal of Parasitic Diseases*, 2021
DOI:10.1007/s12639-021-01412-y
19. Natural Products, the New Intervention Regime of Metabolic Disorders; Salem, M. A., Hamdan, D. I., Mostafa, I., **Adel, R.**, Elissawy, A., & El-Shazly, A. M.; *Natural products in clinical trials, atta-ur-rahman, shazia anjum and hesham R. El-seedi*, 2, 32-122, 2020.
20. UPLC-ESI-MS/MS Profile and Antioxidant, Cytotoxic, Antidiabetic, and Antiobesity Activities of the Aqueous Extracts of Three Different Hibiscus Species; Hanan M. Al-Yousef , Wafaa H. B. Hassan, Sahar Abdelaziz, Musarat Amina, **Rasha Adel**, and May A. El-Sayed; *Journal of Chemistry* Volume 2020, Article ID 6749176, 17 pages

<https://doi.org/10.1155/2020/6749176>

21. Ultra performance liquid chromatography-tandem mass spectrometric analysis of ethyl acetate fraction from Saudi *Lavandula coronopifolia* Poir and evaluation of its cytotoxic and antioxidant activities; Sahar Abdelaziz, Wafaa H. B. Hassan, Ahmed E. M. Elhassanny, Hanan M. Al-Yousef, May A. Elsayed, **Rasha Adel**; *J Herbmed Pharmacol.* 2020; 9(3): 268-276.
22. Efficacy of alcoholic extract of *Thymus vulgaris* on experimental Schistosomiasis: Histopathological and Histochemical study; Tahani I. Farag¹, Howayda S. F. Moawad¹, Samah H. Yahia, Azza I. Farag, **Rasha A. Elfeqy**; *Life Science Journal* 2019;16(5)
23. Chemical Composition And Biological Activities Of The Essential Oil Of *Tanacetum sinaicum* Del. Grown In Egypt; Samih I. El-Dahmy A, Afaf E. Abdel-Ghani A, **Rasha A. Attia**, Doaa D. Abouelenein; *Journal of Pharmacognosy and Phytochemistry* 2019; 8(4): 326-331
24. Therapeutic efficacy of thymus vulgaris and myristica fragrance houtt (nutmeg) ethanolic extract against toxoplasmosis in murine model; Tahani I. Farag¹, Marwa A. Salama¹, Samah H. Yahia¹, And **Rasha A. Elfeqy**; *Journal of the Egyptian Society of Parasitology*, Vol.49, No.1, April 2019.
25. HPLC-PDA-MS/MS Characterization of Bioactive Secondary Metabolites from *Turraea fischeri* Bark Extract and Its Antioxidant and Hepatoprotective Activities In Vivo; Mansour Sobeh, Mona F. Mahmoud, Omar M. Sabry, **Rasha Adel**, Malak Dmirieh, Assem M. El-Shazly and Michael Wink; *Molecules* 22(12), 2089, 2017.
26. Micropropagation study and production of transgenic callus from *Daucus glaber* Forssk; Rehab H. Abdullah, Ehsan M. Abo Zeid, Rashad M. Kebeish, **Rasha A. Attiah** and Samih I. El-dahmy; *International Journal of Current Research* Vol. 8, Issue, 06, pp.32563-32576, June, 2016.