

CURRICULUM VITAE

Name : Mahmoud Alaa El-Dine Mohamed Mokhtar Ragab
Date of birth : 31 May 1987
Place of birth : Damanhour, El-Buhira, Egypt.
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Languages : Arabic (Native)
English (written and spoken fluently).

Education/Scientific Degrees

- 1- B. Pharm. Sci. (Bachelor in Pharmaceutical Sciences), at the Faculty of Pharmacy, Alexandria University, with Grade “Excellent” Distinction Honors (June 2009).
- 2- M.Sc. Pharmaceutical Sciences (Pharmaceutical Chemistry), Faculty of Pharmacy, Alexandria University, Alexandria, Egypt. Thesis Title: Synthesis and biological evaluation of some novel nonsteroidal antiestrogens (2014).
- 3- Ph.D. Pharmaceutical Sciences (Pharmaceutical Chemistry), Faculty of Pharmacy, Damanhour University, Damanhour, Egypt. Thesis Title: Design, Synthesis and Biological Evaluation of novel indazole compounds with potential therapeutic activity. (2021).

Professional Career

- **10/2009 - 10/2010**
Demonstrator of Pharmaceutical Organic Chemistry, Faculty of Pharmacy, University of Alexandria, Egypt.
- **10/2010 - 10/2014**
Demonstrator of Pharmaceutical Organic Chemistry, Faculty of Pharmacy, University of Damanhour, Egypt.

- **10/2014 – 2/2022**
Teaching Assistant of Pharmaceutical Organic Chemistry, and Medicinal Chemistry, Faculty of Pharmacy, University of Damanhour, Egypt.
- **3/2022 – till now**
Lecturer of Pharmaceutical Chemistry Faculty of Pharmacy, University of Damanhour, Egypt.
- **3/2014 – till now**
Active member of Quality Assurance Unit Council at the faculty of Pharmacy Damanhour University.

Scientific Activities:

- The main areas of research and teaching are structural chemistry, renewable natural resources and chemistry of living environment, computational chemistry, spectroscopy, and supramolecular chemistry.
- Design, plan and execute synthesis of molecular targets in a pure form, and in sufficient quantities, beside to the ability to characterize the final molecules using modern analytical chemistry techniques.
- Devise novel synthetic routes that maximize synthetic efficiency.
- Active participation in chemistry team meetings.
- Trained on synthesis of organic compounds using microwave technique.
- Member of two STDF projects.

Skills:

- Lecturing, thesis supervision, and project management skills.
- Wide Experience in teaching Pharmaceutical Chemistry courses including both organic and medicinal chemistry courses.
- Good understanding of educational compliance and regulatory standards.
- Proficient with instructional techniques.
- Ability to teach students from diverse backgrounds.
- Ability to maintain good rapport with students and other faculty members.
- Good Command of computer skills (ICDL certificate).
- Ability to manage multiple tasks to meet deadlines.
- Write project proposals and manage project grants, maintain contact with collaborators.

Attributes:

- Highly motivated, innovative and strong team player.
- Excellent time management and organizational skills.
- Strong communication skills, both written and oral.
- Highly flexible and results oriented.
- An independent self-starter who enjoys working in a fast-paced dynamic environment.

Teaching Activities:

- Practical courses of Pharmaceutical Organic Chemistry for undergraduate students- Faculty of Pharmacy University of Alexandria.
- Practical courses of Pharmaceutical Organic Chemistry for undergraduate students- Faculty of Pharmacy University of Damanshour.
- Medicinal Chemistry courses for undergraduate students - Faculty of Pharmacy University of Damanshour.
- Organic Chemistry Courses for undergraduate students - Faculty of Pharmacy University of Damanshour.
- Drug design courses for both undergraduate and postgraduate students - Faculty of Pharmacy University of Damanshour.
- Medicinal Chemistry courses for undergraduate students - Faculty of Pharmacy University of Arab Academy for Science, Technology and Maritime Transport.

Special Technical Skills

1. Expertise in using **Molecular Operating Environment 2022 (MOE 2022)** program, for computational drug design and discovery.
2. Expertise in operating **Agilent® Cary 630 FTIR spectrometer**.
3. Expertise in operating **Teledyne® CombiFlash RF150** Automated Flash chromatograph purification system.
4. Expertise in operating **Milestone® Flexiwave** microwave reactor.

Training programs

- How to write the Introduction and Materials & Methods? - **CABI Online-Platform webinar series**.
- Best Practices in writing your dissertations or theses and how ProQuest can help and support your journey – **Proquest**.

- AdisInsight, a database of drug development and patent information, clinical trial data and safety details. – **Springer**.
- Best Practices for getting a scholarly paper published - **IEEE**.
- Track your research impact with Publons – **Clarivate**.
- How to Use AdisInsight pipeline database to support research. – **Springer**.
- Ethics & Integrity in Scholarly Publishing - **Taylor and Francis**.
- When do I need to pay an APC to get published? – **Elsevier Researcher Academy**.
- Scival Enhance your research strategy – Dashboards – **Elsevier Researcher Academy**.
- Preparing my manuscript for visibility– **Elsevier Researcher Academy**.
- Do research with confidence using Web of Science Core Collection - **Clarivate**.
- Choosing a topic for your research using Scival – **Elsevier Researcher Academy**.
- Professional Writing of Grant Proposals - **CABI Online-Platform webinar series**.
- Literature Discovery using Scopus: Document Search – **Elsevier Researcher Academy**.
- EU-OPENSREEN Autumn training school 2022 on topic related to Chemical biology and Drug Discovery. - **EU-OPENSREEN**.
- Molecular Modeling workshop - **Faculty of pharmacy Ain Shams University**.

Publications:

1. Mahmoud A. Ragab, Heba A. Abd El Razik, Elham A. Afify, Khadiga A. Ismail, Mounir A. Khalil, Nargues S. Habib. ***Design, synthesis, estrogenic and antiestrogenic activities of some triarylpyrazole derivatives***. Med Chem Res. 2017;26(11):2785-2808. doi:10.1007/s00044-017-1977-8
2. Mahmoud A. Ragab, Mohamed Elagawany, Hoda Daabees, Al-Shaimaa F. Ahmed, Eman M. Awad, Cyrielle Billon, Bahaa Elgendy, Khaled A.M. Abouzid, Shaymaa E. Kassab. ***Structure-based design and synthesis of conformationally constrained derivatives of methyl-piperidinopyrazole (MPP) with estrogen receptor (ER) antagonist activity***. Bioorg Chem. 2022;119:105554. doi:10.1016/j.bioorg.2021.105554
3. Mahmoud A. Ragab, Wagdy M. Eldehna, Alessio Nocentini, Alessandro Bonardi, Hazem E. Okda, Bahaa Elgendy, Tarek S. Ibrahim, Mohammad M. Abd-Alhaseeb, Paola Gratteri, Claudiu T. Supuran, Ahmed A. Al-Karmalawy, Mohamed Elagawany. ***4-(5-Amino-pyrazol-1-yl)benzenesulfonamide derivatives as novel multi-target anti-inflammatory agents endowed with inhibitory activity against COX-2, 5-LOX and carbonic anhydrase: Design, synthesis, and biological assessments***. European Journal of Medicinal Chemistry, Volume 2023; 250:115180, doi:10.1016/j.ejmech.2023.115180.

4. Hadil M. Elbardisy, Mai M. Elnaggar, Tarek S. Belal, Mahmoud A. Ragab, Amira F. El-Yazbi.

Green “turn-off” luminescent nanosensors for the sensitive determination of desperately fluorescent antibacterial antiviral agent and its metabolite in various matrices. Scientific Reports (2023) 13:14131, doi: 10.1038/s41598-023-40946-4