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Curriculum Vitae

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D.O.B: 29/11/1986

📍 : AL-Rimaiy, Quesna, Menoufia.

Marital Status: Married

Nationality: Egyptian

Academic Qualifications

- Bachelor of pharmaceutical Sciences, Faculty of pharmacy, Cairo University with excellent and honor degree (2009).
- Master's Degree of Pharmaceutical Science, Faculty of Pharmacy, Cairo University with thesis entitled (Synthesis of new pyrazoles as anti-inflammatory agents) (2018).
- Degree of the Doctor of Philosophy in Pharmaceutical Sciences, Faculty of Pharmacy, Cairo University with thesis entitled (Synthesis of Certain Substituted Benzothiophene Derivatives as Potential Anticancer Agents) (2021).

Academic Positions

- Demonstrator of pharmaceutical organic chemistry at faculty of pharmacy Cairo university (2011)
- Demonstrator of pharmaceutical chemistry at faculty of pharmacy Menoufia University (2016)
- Assistant lecturer of pharmaceutical chemistry at Faculty of Pharmacy, Menoufia University (2018)
- lecturer of pharmaceutical chemistry at Faculty of Pharmacy, Menoufia University (2021 till now)

Publication:

- Synthesis of new pyrazoles and pyrozolo [3,4-b] pyridines as anti-inflammatory agents by inhibition of COX-2 enzyme
<https://www.sciencedirect.com/science/article/abs/pii/S0045206818302013>
- Synthesis, molecular modeling and biological evaluation of new benzo[4,5]thieno[3,2-b]pyran derivatives as topoisomerase I-DNA binary complex poisons
<https://www.sciencedirect.com/science/article/abs/pii/S0045206821002923>
- New benzothienopyran and benzothienopyrano pyrimidine derivatives as topoisomerase I inhibitors: Design, synthesis, anticancer screening, apoptosis induction and molecular modeling studies
<https://www.sciencedirect.com/science/article/abs/pii/S0045206823002997>



Teaching experience:

- Drugs affecting cardiovascular system
- Drugs affecting central nervous system
- Introduction to drug design
- Computer aided drug design
- Combinatorial chemistry
- Carboxylic acids, carboxylic acid derivatives and sulphonic acids
- Alkane, cycloalkane, alkene, alkyne and alkyl halides.
- Phenols, aromatic nitro compounds, aldehydes and ketones.

Workshop and training courses

- 2012 TOEFL
- 2013 ICDL (International Computer Driving License).
- 2017 six courses Certified by IFLDC.
- 2020 six courses Certified by IFLDC.
- 2021 description of programs and courses certified by Quality Assurance Center.
- 2023 Egypt Government Excellence Award course certified by Menoufia University

Conference and Symposium:

- Sharing abstract Al-Azhar 5th international conference of pharmaceutical science and drug industries entitled (new pyrazoles for biological screening) (2017).
- Attendance of 2nd international conference of pharmaceutical and therapeutical science PTS (2023)
- Attendance of workshop (Biobanking and Clinical Pharmacogenomics) PGx (from therapeutical to clinical application) (2023)
- Attendance of workshop (drug design and discovery software) (2023)

I certify that all information stated in this resume is true and complete to the my knowledge.

Signature

Shimaa Magdy Alhamaky