

Aya Ahmed Mohamed Refaat



Experience

(10/2021 -9/2024) Teaching Assistant in nanoscience department in Zewail city university.
taught (chem101, chem102, chem 103, chem111)

(2/2022 -9/2024) Research Assistant in nanoscience laboratory in Zewail city university (nanomedicine drug delivery approaches)

Career Objectives

Teaching assistant in nanoscience (chemistry) department in Zewail city university, ambitious, seeking an opportunity as teaching assistant that offers great knowledge to help follows my passion in teaching and to bring the best out of the undergraduate in productive environment that encourages innovation and creativity.

Education

2022- till now	Nanoscience (nanomedicine), Zewail city University, Master	GPA 3.8
2016-2021	Faculty of Pharmacy (Drug Design Program), Ain Shams University, BA	GPA 3.54

Graduation project: Deciphering epigenetic(s) role in modulating susceptibility to and severity of COVID-19 infection and /or outcome: a systematic rapid review

2016 IBN EL-Nafees language school

Language and Computer skills

Languages Arabic (Mother's tongue)

English (Fluent)

Computer: Microsoft Office TM

Internships, Training, and activities

2023	June	First international workshop on biosensors and their biomedical diagnosis in Zewail city
2021	Sep	Zewail city's summer training of (TQM & QC Applications in pharmaceutical industry)
	May - June	Careery virtual internal ship at EVA Group Ltd (10 days) Nature research academic clinical research methodology in collaboration with EKB Webinar Nature research academic communicating science to the public in collaboration with EKB Webinar Nature research academic increasing your acceptance by Medline in collaboration with EKB Webinar Nature research academic journal editor 2- positive author & reviewer experiences and journal promotion in collaboration with EKB Webinar
2020	December	A systematic review and meta-analysis course in TRUST research center
2019	Sep	Internship at Arab drug company ADCO in QA, QC, Production department
	Jan-Sep	Manager of student activity called CSTA
2018	Sep -Nov	organizer in second ICPASU conference
	Aug - Nov	The natural products Internal ship program NPIP 1 st call (pharmacognosy department)

Publications

- Osman Gamal¹ Mariam Hossam¹ Aya A. Refaat¹ [Rabeay Hassan^{1*}](https://doi.org/10.3389/fsens.2024.1399441), Advances in Nanocomposites-Based Electrochemical Biosensors for the Early Diagnosis of Breast Cancer
<https://doi.org/10.3389/fsens.2024.1399441>
- Mariam Hossam Eldin, Osman Gamal, Aya Mohamed, Ibrahim M. El-Sherbiny, Chapter 21 - Stimuli-responsive nano systems for smart drug delivery <https://doi.org/10.1016/B978-0-323-91816-9.00015-1>
- Sherihan G. AbdelHamid, **Aya A. Refaat**, Anthony M. Benjamin, Laila A. Elmawardy, Lougine A. Elgandy, Mark M. Manolly, Nada Abd Elmaksoud, Nourhan sherif, Nadia M. Hamdy, Deciphering epigenetic(s) role in modulating susceptibility to and severity of COVID-19 infection and/or outcome: a systematic rapid review
<https://doi.org/10.1007/s11356-021-15588-6>

Poster

- ICPASU 2nd international conference of faculty of pharmacy, Ain Shams university, November 13th -15th, 2018, Cairo, Egypt
Aya A. Refaat¹, Mohga Zidan¹, Suzan Mohmoud¹, Salma Sameh¹, Heba EL-Nashar¹, Doaa Korany¹, Ahmed M. Alissawy¹, Mohamed S. EL-Naggar¹, Omayma Eidahshan¹, Isolation and structure characterization of bioactive metabolites from marine organisms and marine derived fungi

Awards

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| 2022 | Best chemistry teaching assistant in Zewail city |
| 2021 | Best topic in graduation project ceremony in faculty of pharmacy Ain Shams university |
| 2020 | Best presenter on SCOPS clinical pharmacy workshop competition |
| 2019 | The winning team and Best Presenter Title on genetic modification techniques competition |
| 2018 | Best moderator title on CSTA competition
Best organizer title on ICPASU conference
Best presenter title on the internal ship in pharmacognosy department about laboratory research |
| 2017 | Best presenter title on SCOPS marketing intelligence workshop competition
Best leader title on CSTA competition |

Personal information

- Date of birth: 1-1-1998
- Marital status: Married

References

References available upon request