
Rosaline Ashraf Nassif Abdelmalak

Personal Information

Address: 21 Ismail Elfalaky St., Mahkma Square, Heliopolis, Cairo, Egypt

Email: rozaline.ashraf17@parma.asu.edu.eg

Mobile: 002-01227151110

Date of Birth: 28th of August 1994

Google Scholar: Rosaline Ashraf

Education

➤ **Sep. 2018 –2023 (expected)**

M.Sc. of Pharmaceutical Sciences, Pharmaceutical Chemistry

Faculty of Pharmacy, Ain-Shams University, Cairo, Egypt

GPA in Master's Courses: 3.8 /4

Thesis Title: Molecular design and synthesis of certain heterocyclic based bioactive compounds

Supervisors: Prof. Khaled Abouzid, Prof. Rabah Ahmed Taha, and Dr. Mai Adel Mohamed

➤ **May 2017**

B.Sc. of Pharmaceutical Sciences and Drug Design (Credit Hours System)

Faculty of Pharmacy, Ain-Shams University, Cairo, Egypt

CGPA: 3.94/4 (Distinction with honor) and ranked: **4th out of 63 students**

Graduation Project: Photothermal-chemo combined cancer therapy using electrochemical polymerization: Hitting two birds with the same stone

Project Grade: Excellent (99%)

Supervisors: Prof. Rania Hathout and Assoc. Prof. Abdelkader Ali Metwally

Responsibilities:

- Synthesis of the nanoparticles composed of conjugated polypyrrole and loaded with the anticancer drug allicin using electrochemical polymerization method.
- Validation of the dual stimuli nature of the nanoparticles: where the nanoparticles release the drug by exposure to an electric field in vitro as demonstrated by UV-vis spectroscopy and they exhibit photothermal activity upon irradiation with near-infrared light.
- Testing their cytotoxicity against HEP G2 cancer cells and they showed great toxicity on them.

➤ **June 2012**

General Certificate of Education (G.C.E) (High School Diploma)

(Cumulative Grade: 98.56%)

Experiences

➤ **Research Experiences**

• **septemper 2019 – Present**

Faculty of Pharmacy, Ain-Shams University, Cairo, Egypt

Working as a Research Assistant (RA) in the Organic and Pharmaceutical Chemistry Department, participating in the department research projects.

• **October 2016 – May 2017**

Faculty of Pharmacy, Ain-Shams University, Cairo, Egypt

Working as a part-time Research Assistant at the Pharmaceutics and Industrial Pharmacy Laboratory on my graduation project entitled: "Photothermal-chemo combined cancer therapy using electrochemical polymerization: Hitting two birds with the same stone".

➤ **Teaching Experiences**

• **December 2018 – Present**

Faculty of Pharmacy, Ain-Shams University, Cairo, Egypt

Working as a Teaching Assistant (TA) and a team member of the Pharmaceutical Chemistry department's assistance committee helping the staff members in teaching, administrative, marking, and proctoring work of the department.

* **Courses taught:**

- Organic Chemistry related: Organic Chemistry, Stereochemistry, Heterocyclic Chemistry, and Spectroscopy.
- Medicinal Chemistry related: Pharmaceutical Chemistry (Medicinal Chemistry), Molecular Modeling and Drug Design

* **Laboratories:** Organic Chemistry and Pharmaceutical Chemistry

• **September 2017– September 2018**

Faculty of Pharmacy, Future University in Egypt, Cairo, Egypt

Working as a Teaching Assistant (TA) and a team member of the Pharmacology and Toxicology department's assistance committee helping the staff members in teaching, administrative, marking, and proctoring work of the department.

* **Laboratories:** Pharmacology and Toxicology

Publications and Scientific Experiences

- 1) Rania M. Hathout, Abdelkader A. Metwally, Sherweit H. El-Ahmady, Eman S. Metwally, Noha A. Ghonim, Salma A. Bayoumy, Tarek Erfan, **Rosaline Ashraf** et al. "Dual stimuli-responsive polypyrrole nanoparticles for anticancer therapy." *Journal of Drug Delivery Science and Technology* (2018). ([Paper link](#)).
- 2) Tarek Erfan, Eman S. Metwally, Noha A. Ghonim, Salma A. Bayoumy, **Rosaline A. Nassif**, Rania M. Hathout, Abdelkader A. Metwally "Photothermal-chemo combined cancer therapy using electrochemical polymerization: Hitting two birds with the same stone", Oral presentation at **the 2nd Medical Integrated Students Research (MISR) Conference 2016**, Cairo, Egypt.

Professional Activities

- 1) Attending **the AIPC 2018** from March 17, 2018, to March 18, 2018.

Honors and Awards

- Master's Fellowship at Faculty of Pharmacy Ain Shams University (**Sept. 2018 – Present**)
 - The Distinction with honor B.Sc degree, Ain Shams University (**May 2017**)
 - Best Topic and Best Presentation awards in the graduation project competition (**May 2017**)
-

Training	1) Training in El-Nour Community Pharmacy for 100 hours in the period (20th July – 11th August 2016).
-----------------	--

Skills	<ul style="list-style-type: none">➤ Drug Design Programs:<ul style="list-style-type: none">• BIOVIA Discovery Studio, Schrödinger suites, Autodock and Autodock Vina. ➤ Laboratory Techniques and Instruments:<ul style="list-style-type: none">• Flash Column Chromatography and PuriFlash[®] Instrument. ➤ Languages:<ul style="list-style-type: none">• Arabic (Mother Tongue)• English (Excellent)• German (Beginner)• French (Beginner)
---------------	---

References	Available upon request
-------------------	------------------------