

# NOHA MOHAMMED IBRAHIM

Curriculum Vitae

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## Institutional Address

Department of Pharmaceutical Chemistry  
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## EDUCATION

Ph.D., Pharmaceutical Chemistry, Faculty of Pharmacy, Cairo University (FOPCU),  
Egypt, **2022**

M.S., Pharmaceutical Chemistry, Faculty of Pharmacy, Cairo University (FOPCU),  
Egypt, **2018**

B.S., Pharmaceutical Chemistry, Faculty of Pharmacy, Cairo University (FOPCU),  
Egypt, 15<sup>th</sup> in class of 1,700), **2012**

El Orman Experimental School, Giza Egypt, first in Giza Governorate (Ranked in top percentile of  
students across the Egyptian nation, 100.25%), **2007**

## AWARDS AND HONORS

- Dean's Honor (for ranking 15<sup>th</sup> in class of 1,700) Faculty of Pharmacy, Cairo University, Egypt, **2013**
- Dean's Honor, for ranking 4<sup>th</sup> in class of 1,700, in first year Pharmacy program, Faculty of Pharmacy, Cairo University, Egypt, **2008**

## RESEARCH AND TEACHING EXPERIENCE

- Lecturer, *Faculty of Pharmacy, Cairo University (FOPCU), 2022- current.*
- Teaching for Organic chemistry 2 in the Faculty of Pharmacy Chinese University, Summer 2023
- Teaching for Medicinal chemistry 1 in the Faculty of Pharmacy Ahran Canadian University, Summer 2023
- Teaching for Medicinal chemistry 1 in the Faculty of Pharmacy Cairo University, Spring 2023
- Teaching for Elective Drug Design in the Faculty of Pharmacy Cairo university, Spring 2023
- Academic advisor for first level students, January 2023-current
- Accepted by Erasmus exchange program in Poland from September 2021, to study subjects helping me in developing my search September 2021 to February 2022
- Accepted by Erasmus exchange program in Hungary from September 2016, to study subjects helping me in developing my search September 2016 to July 2017
- **Teaching Assistant, Faculty of Pharmacy, Cairo University (FOPCU), 2013-2022**
  - I teach Fourth and Fifth Year upper-division Pharmaceutical Courses.
- **Computer Lab Education Program Lead Educator, Faculty of Pharmacy, Cairo University (FOPCU), 2013-Current**
  - I am responsible for the computer lab education program which consists of teaching undergraduate students the techniques in computation chemistry geared towards drug design.

- **Lab Assistant, Faculty of Pharmacy, Cairo University (FOPCU), 2013-2022**

- In addition to my own research, I am responsible for quality assurance of several chemical compositions for undergraduate lab-course use. This includes preparation work as well as standardization and analysis of chemicals. I am also responsible for training and overseeing undergraduate lab education.

## **PUBLICATIONS**

**"Design and synthesis of ciprofloxacin-sulfonamide hybrids to manipulate ciprofloxacin pharmacological qualities: Potency and side effects" *European journal of Medicinal Chemistry, 2022***

- Advised by Drs. Samar Hashem, Awatef Farag, Mariam Hassan and Hanan H. Georgey.

**"New ibuprofen derivatives as hydrogen sulphide and nitric oxide donors as safer anti-inflammatory agents" *Future Medicinal Chemistry, 2019***

- Advised by Drs. Samar Hashem, Gehan Hegazy and Ghaneya Hassan

**"Design and synthesis of some nitric oxide and hydrogen sulphide donors as anti-inflammatory agents" *Master's Thesis, Faculty of Pharmacy, Cairo University (FOPCU), April 2017***

- Advised by Drs. Samar Hashem, Gehan Hegazy and Ghaneya Hassan.

## **COMMUNITY INVOLVEMENT AND PROFESSIONAL EXPERIENCE**

- **Organizer in the 11<sup>th</sup> international conference for the Faculty of Pharmacy, Cairo University, May 2023.**
- **Organizer in the 10<sup>th</sup> international conference for the Faculty of Pharmacy, Cairo University, July 2021.**
- **Organizer in the 9<sup>th</sup> international conference for the Faculty of Pharmacy, Cairo University, April 2018.**
- **Organizer in the 7<sup>th</sup> international conference for the Faculty of Pharmacy, Cairo University, April 2016.**
- **Founder for a Charity committee, June 2013-current**
  - As our committee makes projects for poor people to supply with their requirement from food, medicine, learning.... etc.
- **Lead Community Pharmacist, Giza, Egypt, 2012—2015.**
  - Worked as a lead Pharmacist in a community Pharmacy in Cairo, in one of the most underprivileged suburbs in Egypt. I used my lab knowledge and experience in the compounding of drugs to develop and administer medical services to my patients, harmonizing academic and clinical scientific knowledge. I dealt with a diverse group of patients of different ages and various socio-economic backgrounds; many without access to a primary care physician. This experience enhanced my passion for community outreach. I used scientific advancements in health science to positively impact the community by directly administering health services to this local community.

## **Skills**

- Research both in paper journals and on the internet.
- Team work: Worked in various team projects within both academic and non-academic environments
- Good oral and writing Communication skills.

- Problem solving: I have the ability to problem solve.
- Good Computer skills

**Interests**

- I enjoy travelling and knowing new people. I also enjoy playing chess, watching movies, listening music, Reading, shopping and Raising money for charity events.

**LANGUAGES**

Arabic- Native

English- Proficient