

Ahmed M Elshewy

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Personal dossier

Date of birth November, 12, 1986
Nationality Egyptian
Military status Exempted
Marital status Engaged
Permanent address Building no.13/13, Apt., 11, Orouba Street, New Maadi, Cairo, Egypt

Positions and employment

08/2019 - present Lecturer of Organic Chemistry, Department of Organic Chemistry, College of Pharmacy, Cairo University, Egypt
08/2014 – 07/2019 Research and Teaching Assistant, Department of Chemistry, University of Cincinnati, Ohio, United States
09/2012 - 05/2014 Research Assistant, Chemical Science program, King Abdullah University of Science and Technology (KAUST), Saudi Arabia
03/2010 – 08/2012 Research and Teaching Assistant, Organic Chemistry Department, Faculty of Pharmacy, Cairo University, Egypt
8/2009 – 12/ 2009 Quality Control Analyst at Egyptian Group of Pharmaceuticals Industries

Education

2019 PhD in Chemistry, University of Cincinnati, Ohio, United States
Thesis title: **Alpha hydroxy acid-containing chelates and their homo and hetero metallic complexes**
2013 Master's of Science, King Abdullah University of Science and Technology, Saudi Arabia
Thesis title: **Efficient C-O and C-N bond forming cross-coupling reactions catalyzed by core-shell structured Cu/Cu₂O nanowires**
2009 Bachelor of Science, Faculty of Pharmacy, Cairo University, Egypt
Degree: Pharmaceutical Sciences, B.Sc. (Excellent with honors)

Awards and distinctions

- 02/2014 Awarded a PhD scholarship in Chemistry Department, University of Cincinnati, Ohio, United States
- 11/2013 Awarded a PhD scholarship in Chemical Science Program, King Abdullah University of Science and Technology, Saudi Arabia
- 09/2012 Awarded a Master's scholarship in Chemical Science Program, King Abdullah University of Science and Technology, Saudi Arabia
- 2010 Faculty of Pharmacy Excellent Honors Award: Among the top five percentile in bachelor's degree
- 2010 Egyptian Syndicate of Pharmacists Honors Award, Egypt

Teaching

- 09/2019 – present Teaching organic chemistry courses (PC 102, PC 204, PCC305 & PC 306) for 1st and 2nd year undergraduate pharmacy students, Cairo University, Egypt.
Teaching "Introduction to Organometallic Chemistry" for Graduate Students, Cairo University, Egypt
- 03/2021 - 09/2021 Teaching Organic chemistry 2 course for 1st year undergraduate pharmacy students, Ahrm Canadian University, Egypt
- 09/2014 - 08/2019 Teaching General chemistry lab (CHEM 1040L), Organic chemistry lab I (CHEM 2040L), Organic chemistry lab II (CHEM 2041L) and Organic chemistry recitations I & II, University of Cincinnati, Ohio, United States.
- 03/2010 – 05/2012 Teaching organic chemistry labs 501, 502, 504 and 505 for 1st and 2nd year undergraduate pharmacy students, Cairo University, Egypt.

Languages

- English: Fluent in both spoken and written
- Arabic: Mother language
- Japanese: Fair

Lab techniques

- Microwave assisted synthetic reactions
- Flash column chromatography
- Gas chromatography–Flame ionization detector
- Nuclear magnetic resonance spectroscopy
- Gas chromatography–mass spectrometry
- Good working Knowledge of Chemoffice, ACDLABS, MOE, drug design softwares

Publications

- 2022 "Anti-neoplastic evaluation of novel pyrazolopyrimidine derivatives targeting cyclin dependent kinase II: Molecular docking and apoptotic inducing activity"
Manuscript under preparation
- 2022 "Synthesis and characterization of new thiazole-based anti-gram negative and anti-COVID-19 compounds"
Manuscript under preparation
- 2015 "Computational bottom-up design of ytterbium (II) complex with pyridyl amido ligand"
C Pan, G Tang, B Zheng, A Elshewy, J Xu
Chemical Research in Chinese Universities 31 (2), 294-297
- 2014 "Synthesis of Copper Hydroxide Branched Nanocages and Their Transformation to Copper Oxide"
Alec P LaGrow, Lutfan Sinatra, Ahmed Elshewy, Kuo-Wei Huang, Khabiboulakh Katsiev, Ahmad R Kirmani, Aram Amassian, Dalaver H Anjum, Osman M Bakr
The Journal of Physical Chemistry C 118 (33), 19374-19379

Professional membership/affiliations

- 2013: Member of KAUST Chemical Society

Training

- July 2011 Preparing Scientific Researchers course, The National Research Center, Egypt
- August 2007 Training in natural product extraction with soxlet apparatus and preparative TLC, The National Research Center, Egypt

Volunteer work

- Co-organized Medical Campaigns, Faculty of Pharmacy Cairo University, Egypt
Role: Head of laboratory analysis team, Awareness team member
- Co-organized the first national conference by Medical Scientific Student Academy
Role: Promotion team vice leader

Objectives and scientific interests

Teach Organic/Inorganic chemistry and conduct advanced research in a reputable institute. My teaching philosophy is to deliver the fundamental information and skills necessary for my students to excel in chemistry. Scientifically, my goal is to conduct cutting edge research that enables me to design and synthesize biologically and industrially useful compounds. The knowledge gained will enrich my teaching abilities fulfilling my long-term goal; teaching and conducting research successfully side by side.