



## Curriculum Vitae

- **Name:** Yomna Abdulaziz Ahmed Ali
- **Title:** Lecturer
- **Department:** Pharmaceutical Chemistry
- **E-mail:** yomna.abdulaziz@su.edu.eg

### A) Academic Qualifications:

- Bachelor's Degree in **Faculty of Pharmacy, Mansoura University, Egypt,**  
•Diploma of Drug Design and Chemical Synthesis of drugs in **Faculty of Pharmacy, Mansoura University, Egypt**
- Master's Degree in **in Medicinal Chemistry in Faculty of Pharmacy, Mansoura University, Egypt**
- PhD. in Pharmaceutical sciences (Medicinal Chemistry) in **Faculty of Pharmacy, Mansoura University, Egypt**

### B) Academic promotions :

- **Teaching Assistant,** Date: **December 2012 – September 2015**
- **Assistant Lecturer,** Date: **September 2018 – July 2019**
- **Lecturer,** Date: **August 2019 - Present**

### C) Scientific Merit:

- Google Scholar: <https://scholar.google.com/citations?user=NXaG5FEAAAAJ&hl=en>



● Duties:

- Delivering Lectures through online platforms or on campus
- Preparing Study Curriculum, Assignments, Quizzes and Exams, and assigning grades online
- Scheduling office hours and supervising exams
- Participating as Supervisor in Academic Advising
- Participating in Exam Control
- Participating in the Quality Assurance Unit: Strategic Planning and Course Files Preparation

▪ **Courses:**

- Pharmaceutical and Medicinal Chemistry
- Drug Design
- Computer-Aided Drug Design
- Assistant Lecturer of Pharmaceutical Chemistry Sep /2018 till Jul /2019  
Faculty of Pharmacy, Horus university- Egypt.

Demonstrator of Pharmaceutical Chemistry Dec /2012 to Sep 2015.  
Faculty of Pharmacy, Delta University for Science and Technology

**Duties:**

Delivering course material and practical techniques and preparing study curriculum  
Evaluating assignments, quizzes and exams, assigning grades online  
Scheduling office hours, meeting with students upon request and invigilation of exams  
Participating in Academic Advising and QMAC files preparation

**Courses:**

- Pharmaceutical Chemistry
- Computer-Aided Drug Design
- Instrumental Analysis

● Training Course in Clinical Pharmacy - Children's Cancer Hospital 57357 Professional July  
**2012**

"Achieved second place in a project aiming at providing good visual aids illustrating I.V Admixture Room Preparations"

## **F) Scientific Publications:**

### **-International journals**

- o Hammouda MEA, Salem YA, El-Ashry SM, Abu El-Enin MA. "Inclusive study for sustainable enantioseparation of racemic chlorpheniramine and caffeine by HPLC using dual cyclodextrin system as chiral mobile phase additive: Assessment with AGREE and Complex-GAPI approaches" *Sustainable Chemistry and Pharmacy*. (2023), Volume 35, Pages 1-10
- o Basem Mansour, Yomna A. Salem, Khaled M. Attallah, O. A. El-kawy, Ismail T. Ibrahim, and Naglaa I. Abdel-Aziz "Cyanopyridinone- and Cyanopyridine-Based Cancer Cell Pim-1Inhibitors: Design, Synthesis, Radiolabeling, Biodistribution, and Molecular Modeling Simulation" *ACS Omega*. (2023), <https://doi.org/10.1021/acsomega.2c08304>
- o Hammouda MEA, Salem YA, El-Ashry SM, Abu El-Enin MA. "Isocratic ion pair chromatography for estimation of novel combined inhalation therapy that blocks coronavirus replication in chronic asthmatic patients" *Scientific Reports*. (2023), Volume13, Pages 1-10
- o Salem YA, Abu El-Enin MA, El-Ashry SM, Hammouda MEA. "Applying eco-friendly micellar liquid chromatography for the simultaneous determination of two ternary mixtures utilized for cold treatment using monolithic column" *J Chin Chem So*. (2021), Volume 68, Pages 1686- 1696.
- o Ehab M. Mostafa, Rezk R. Ayyad, Ahmed M. Mansour, Yomna A. Salem, Kazem Mahmoud and Yasser Abdel-Aleim. Synthesis and Anticonvulsant Activity of Oxadiazole Derivatives Incorporating Phthalazin-1, 4 (2H, 3H)-dione Scaffolds. *Medicinal Chemistry*. (2020), Volume 10, Pages 1-4.
- o Ehab M. Mostafa, Rezk R. Ayyad, Ahmed M. Mansour, Yomna A. Salem, Kazem Mahmoud and Yasser Abdel-Aleim. Design and Synthesis of Some New Derivatives of 6,7-Dichlorophthalazine 1,4-(2H, 3H) dione for Pharmacological Testing as Anti-convulsant Agents". *Medicinal Chemistry*. (2020), Volume 10, Pages 1-4.
- o Ehab M. Mostafa, Rezk R. Ayyad, Ahmed M. Mansour, Yomna A. Salem, Kazem Mahmoud and Yasser Abdel-Aleim. 'Design, Synthesis and Anticonvulsant Activity of Some New Acetanilide Derivatives

Incorporating Phthalazine- 1,4 (2H, 3H) Dione Scaffolds". Medicinal Chemistry. (2020), Volume 10, Pages 1-5.

o Salem YA, Hammouda MEA, Saleh NM, Abu El-Enin MA, El-Ashry SM. "Multiple analytical methods for determination of formoterol and glycopyrronium simultaneously in their novel combined metered dose inhaler" B MC chemistry. (2019), Volume 13, Pages 75.

o Salem YA, Hammouda MEA, Saleh NM, Abu El-Enin MA, El-Ashry SM, "Validated ion pair chromatographic method for simultaneous determination and in vitro dissolution studies of indacaterol and glycopyrronium from inhaled capsule dosage form" Spectrochimica Acta A. (2018), Volume 204, Pages 464-474.

o Salem YA, Hammouda MEA, Abu El-Enin MA, El-Ashry SM, "Application of derivative emission fluorescence spectroscopy for determination of ibuprofen and phenylephrine simultaneously in tablets and biological fluids" Spectrochimica Acta A. (2018), Volume 210, Pages 387-397.

o Salem YA, Hammouda MEA, Abu El-Enin MA, El-Ashry SM, D. R. El-Wasseef, D. T. El-Sherbiny. "Multiple analytical methods for simultaneous determination of formoterol and glycopyrronium in their novel combined metered dose inhaler" Chemistry Central Journal (2019), Volume 13, Pages 1-13.

o S. M. El-Ashry, D. R. El-Wasseef, D. T. El-Sherbiny, Y. A. Salem, "Spectrophotometric and spectrofluorimetric determination of indacaterol maleate in pure form and pharmaceutical preparations: application to content uniformity testing" luminescence (2015), Volume 30, Issue 6, pages 891- 897.

o Y. A. Salem, D. T. El-Sherbiny, D. R. El-Wasseef, and S. M. El-Ashry. "Spectroscopic study on Indacaterol maleate: Analytical applications for quality control of capsules" IJPSR, (2015) Volume 6, Number 4, pages 592- 605.

o Yomna A. Salem, Dina T. El-Sherbiny, Dalia R. El-Wasseef, Saadia M. El-Ashry "HPLC Determination of Indacaterol Maleate in Pharmaceutical Preparations Adopting Ultraviolet and Fluorescence Detection" IJPSR (2015), Volume 6, Number 11, pages 1324- 1332.

o Yomna A. Salem, Moataz A. Shaldam, Dina T. El-Sherbiny, Dalia R. El-Wasseef, Saadia M. El-Ashry "Simultaneous Determination of Formoterol Fumarate and Budesonide in Metered Dose Inhaler Using Ion-Pair Chromatography" Journal of Chromatographic Science (2017), Volume 55, Number 10, pages 1013-1020

### **G) Quality Assurance in Higher Education:**

- **Training Attended**

- "Standard Setting", Training Course, Quality Assurance Center, Sinai University-Kantara Campus  
**March 2023**

- "Blueprinting", Training Course, Quality Assurance Center, Sinai University-Kantara Campus  
**March 2023**



- “Program Evaluation”, Training Course, Quality Assurance Center, Sinai University-Kantara Campus  
**March 2023**
- “Academic Advising”, Training Course, Quality Assurance Center, Sinai University-Kantara Campus  
**February 2023**
- “Research Plan”, Training Course, Quality Assurance Center, Sinai University-Kantara Campus  
**February 2023**
- “Strategic Plan”, Training Course, Quality Assurance Center, Sinai University-Kantara Campus  
**January 2023**

## **H) Skills**

- Language Skills:
  - Arabic: Mother Tongue
  - English: Fluent in written and spoken
  - French: Elementary
- Computer Skills:
  - Microsoft Office: Word, PowerPoint, Excel
  - Molecular Operating Environment (MOE)
  - Chemdraw
- Presentation skills: **Excellent**
- Other skills: Time Management – Scheduling- Communication Skills – Problem Solving