



Sohag University
Faculty of Pharmacy

CURRICULUM VITAE

- ❖ **Name:** Mamdouh Fawzy Ahmed Mohamed.
- ❖ **Nationality:** Egyptian.
- ❖ **Title:** Associate Lecturer in Pharmaceutical Chemistry Department, Faculty of pharmacy, Sohag University, Sohag, Egypt.
- ❖ **Date and Place of Birth:** Feb. 25, 1975, Al Halaffi, Al Balyana, Sohag, Egypt.
- ❖ **Address I:** Department of Pharmaceutical Chemistry, Faculty of pharmacy, Sohag University, Sohag, Egypt.
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- ❖ **Tel.:** Mobile: 01117353873
- ❖ **E-mail:** mamdouhfawzy3@yahoo.com
- ❖ **Sex:** Male
- ❖ **Marital Status:** Married and have three children.
- ❖ **Academic Qualifications:**
 - **May 2000:** Bachelor of Pharmaceutical Sciences, Al-Azhar University, Assiut Branch, Assiut, Egypt (**Degree;** Very good with degree of honor).
 - **Apr 2008:** Master Degree of Pharmaceutical Sciences (Organic Chemistry), Cairo University, Cairo, Egypt.
- ❖ **Employment History:**
 - **2002 to 2008:** demonstrator in the Department of Pharmaceutical Organic Chemistry, Faculty of Pharmacy, Al-Azhar University, Assiut Branch, Assiut, Egypt.
 - **2008 till 2015:** Associate Lecturer in the Department of Pharmaceutical Organic Chemistry, Faculty of Pharmacy, Al-Azhar University, Assiut Branch, Assiut, Egypt
 - **2015 till now:** Associate Lecturer in the Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Sohag University, Egypt

❖ **Experiences:**

- **Pharmacist:** an experience as a manager for pharmacies for 2 years.
- **Demonstrator** in the Department of Pharmaceutical Organic Chemistry, Faculty of Pharmacy, Al-Azhar University, Assiut Branch, Assiut, Egypt from Jul 2002 till Apr 2008.
- **Associate Lecturer** for Basic Organic Chemistry, From May 2008-2010.
- **I have an** experience in the synthesis of different fused heterocyclic compounds.

❖ **Medicinal Chemistry experience and interest:**

- Synthesis and biological evaluation of heterocyclic compounds.
- Cell biology:
 - ✓ the *in vitro* investigation of anticancer agents
 - ✓ Determination of IC₅₀ values using GraphPadPrism™ software program and CalcuSyn™ and CompuSyn™ software programs.
 - ✓ Determination of the combination indexes using CalcuSyn™ and CompuSyn™ software programs.
- Spectroscopy experience: ¹H-NMR, ¹³C-NMR, MS and IR.

❖ **Area of research interest:**

- Design and synthesis of novel HDAC inhibitors
- Design and synthesis of a novel hybrid molecules containing HDAC inhibitors for treatment of cancer
- Design and synthesis of albumin-binding prodrugs for treatment of cancer.
- Design and synthesis of biologically active compounds.

❖ **Previous Studies:**

- **During High School:** Physics, Chemistry, Biology, English, Social Studies, Mathematics, Islamic Courses, and Quran.
- **During College:** Inorganic Chemistry, Zoology, Pharmacology, Public Health, First Aid, Physics, Botany, Microbiology, Toxicology, Industrial Pharmacy, Physiology, Analytical Chemistry, Pharmaceutics, Organic Chemistry, Pharmaceutical Chemistry, Basic Medical and Clinical Biochemistry, general and Applied Pharmacognosy.

❖ **Master Courses:**

- Instrumental and Structure elucidation.

- Physical chemistry.
- Statistics
- Advanced organic chemistry.
- Laboratory safety.

❖ **Publications:**

- ✓ “**Synthesis of Some New Quinoline Derivatives of Potential Anti-inflammatory and Analgesic Activities.**”

Abdel-Gaber N. Osman, Mohammad A. Shaaban, Awwad A. Radwan, **Mamdouh F. Ahmed**, Basel A. Abdel-Wahab.

Presented in: *The 10th Ibn Sina International Conference on Pure and Applied Heterocyclic Chemistry, Luxor, Egypt, February 17-20, 191 (2007)*

❖ **References:**

Late Prof. Dr. Abd El-Gaber N. Osman , Late Prof. of Organic Chemistry, Department of Organic Chemistry, Faculty of Pharmacy, Cairo University, Cairo, Egypt.

Prof. Dr. Mohamed A. Shaaban, Prof. of Organic Chemistry, Department of Organic Chemistry, Faculty of Pharmacy, Cairo University, Cairo, Egypt.

Prof. Dr. Tharwat R. El-Khamesy, Prof. of Microbiology and Dean of Faculty of Pharmacy, Al-Azhar Universty, Assiut, Egypt.

Dr. Awwad A. Radwan Salama, Lecturer of Pharmaceutical Organic Chemistry, Department of Pharmaceutical Organic Chemistry, Faculty of Pharmacy, Assiut University, Assiut, Egypt.

Mamdouh Fawzy Ahmed Mohamed

