

## Curriculum Vitae

### Personal data

<b>Name</b>	<i>Gamal Abdeltawab Idris Moustafa</i>
<b>Date of Birth</b>	<i>April, 4, 1982.</i>
<b>Nationality</b>	<i>Egyptian</i>
<b>Place of Birth</b>	<i>Minia</i>
<b>Marital Status</b>	<i>Married, have a son.</i>
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### Qualifications

<b><i>Master</i></b>	of Pharmaceutical Sciences (Medicinal Chemistry), From the department of Medicinal Chemistry, Faculty of Pharmacy, Minia University, Minia, Egypt: October, 2008, titled: " <b><i>Synthesis and Biological Evaluation of Some Novel Aryloxyalkanoic Acid Derivatives</i></b> "
<b><i>Bachelor</i></b>	of Pharmaceutical Sciences, Faculty of Pharmacy, Minia University, Minia, Egypt: May 2004 Overall grade: <b>Grade A with Distinction (Honor) - 91.04%</b>

*Prerequisite master courses*

- Instrumental analysis of chemical compounds
- Mathematics and biostatistics
- Physical chemistry
- Computer sciences
- Advanced Medicinal chemistry
- Quality control of drugs in formulations
- Advanced Organic chemistry

**Occupation**

<i>Demonstrator</i>	<b>2004-2008:</b> Demonstrator of Medicinal Chemistry, faculty of pharmacy, Minia University.
<i>Associate lecturer</i>	<b>October 2008-till now:</b> Associate lecturer of Medicinal Chemistry, faculty of pharmacy, Minia University.

**Research Interests:**

- Design and synthesis of organic compounds of potential biological activities
- Prodrug approach as a tool for enhancing drug properties
- Computer based drug design including the pharmacophore search and structure based designs

### **Research and Work Experiences:**

- Basic skills in synthesis, isolation and purification of organic compounds
- Studying the principles of structure elucidation using different spectroscopic data especially NMR techniques, IR spectroscopy and Mass Spectrometry
- Biological study of the synthesized compounds by the help of others.
- A good experience in the synthesis of new fibrate analogues as hypolipidemic agents
- A good experience in the chemistry of triazoles, oxadiazoles, pyrazoles, amides and thiosemicarbazides
- Excellent skills in the use of chemistry programs (ACD Lab, Chemoffice, Sciefinder, Molecular modeling programs as "MOE", "Autodock" and "Accelrys DS")
- Teaching the practical courses of organic and medicinal chemistry for the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year undergraduate pharmacy students (October 2004-till now) including:
  - I- Chemistry of aliphatic compounds
  - II- Chemistry of aromatic compounds
  - III- Organic spectroscopy (IR, NMR, MS)
  - IV- Principles of stereochemistry
  - V- Identification, purity and assay of drugs

**Study Language:** **English**, Excellent (*writing, listening, reading and speaking*), all my undergraduate pharmacy studies (five years) and postgraduate studies were conducted in English. I have passed the TOEFL iBT in July 2010 with a score of 87 (equivalent to 567 PBT).

### **Societies and Boards:**

<b>2000-2004</b>	<i>High board member of the "Scientific Association of Minia Pharmacy Students" SAMPS"</i>
<b>2004</b>	<i>Member of the Minia and Egyptian Pharmacists' Syndicates</i>
<b>2006</b>	<i>Member of "Quality Assurance Unit" in Faculty of Pharmacy, Minia University.</i>
<b>2007</b>	<i>High board member of "Establishment of Internal Quality Assurance System Program" in Faculty of Pharmacy.</i>

### **Conferences and Workshops:**

- 1. March, 29, 2007:** 1<sup>st</sup> Scientific Conference of the Faculty of Pharmacy, Cairo University on "**Pharmacy Role in Community Health Promotion**"
- 2. July, 1, 2009:** Workshop at The Faculty of Pharmacy, Cairo University on " Computer aided drug design using molecular modeling programs"
- 3. 2005-2008:** Workshops within the framework of **The Faculty and Leadership Development Project (FLDP)** on :
  - Scientific Publication
  - Communication skills
  - Thinking skills
  - Presentation Skills
  - Teaching skills

### **Publications:**

1. **Gamal A. Idrees**, Gamal El-Din A. A. Abuo-Rahma, Omar M. Ali and Mohamed F. Radwan, "Design, Synthesis and Hypolipidemic Activity of Novel 2-Substituted Isobutyric Acid Derivatives" **European Journal of Medicinal Chemistry, 2009, volume 44, Issue 6, pp: 2679-2684**
2. **Gamal A. Idrees**, Omar M. Ali, Gamal El-Din A. A. Abuo-Rahma and Mohamed F. Radwan, "Design, Synthesis and Hypolipidemic Activity of Novel 2-(Naphthalen-2-yloxy)propionic Acid Derivatives as Desmethyl Fibrate Analogs" **European Journal of Medicinal Chemistry, 2009, volume 44, Issue 10, pp: 3973-3980.**

### **References:**

#### **Prof. Mohamed S. Kamel**

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#### **Prof. Hassan H. Farag**

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