

# Kholoud Alaa El Din Ibrahim

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## 1. Education

- **02/2014-12/present:**  
**Master of Science (Pharmaceutical Sciences, Biochemistry)**  
Faculty of Pharmacy, Mansoura University, Egypt (2013).  
Thesis title: "Effect of Berberine and Naringin on HSCs activation in liver diseases."
- **09/2008-07/2013:**  
**Bachelor degree of science (pharmaceutical sciences):**  
Faculty of Pharmacy, Mansoura University, Mansoura, EGYPT (2013), excellent degree with honor, and graduation ranking 2<sup>nd</sup> achiever.

## 2. Employment history

- ❖ **11/2013 to now:** **Demonstrator** - Biochemistry Dept., Faculty of Pharmacy, Mansoura University, Egypt.

## 3. Teaching experience

- **2015-now:** Practical course of "chemistry and diseases of blood" for Biochemistry diploma postgraduate students.
- **2015-now:** Practical course of "Lab techniques" for Biochemistry diploma postgraduate students.
- **2015-now:** Practical course of "Biochemistry-2" for 3<sup>rd</sup> level undergraduate pharmacy students.
- **2014-now:** Practical course of "Biochemistry-1" for 2<sup>nd</sup> level undergraduate pharmacy students.
- **2013-now:** Practical course of "Biochemistry" for 3<sup>rd</sup> year undergraduate pharmacy students.
- **2015-now:** Practical course of "Biochemistry-2" to 3<sup>rd</sup> level clinical Pharmacy undergraduate students.
- **2014-now:** Practical course of "Biochemistry-1" to 2<sup>nd</sup> level clinical Pharmacy undergraduate students.
- **2013-2015:** Practical course of "Biochemistry" for "Biochemistry" and "quality control" diplomas postgraduate students.
- **2013-2015:** Practical course of "Hematology" for Biochemistry diploma postgraduate students showing them quantitative assay of biochemical parameters in biological samples using colorimeter, ELISA reader and spectrophotometer instruments and microscopic utilization for identification of different components in blood and urine samples.

- **2015-2016:** Practical course of "Biophysics" to 1<sup>st</sup> level clinical Pharmacy undergraduate students.
- **2013-2016:** Practical course of "Cell biology" to 1<sup>st</sup> level clinical Pharmacy undergraduate students.
- **2015-2016:** Practical course of "Clinical biochemistry" to 4<sup>th</sup> level clinical Pharmacy undergraduate students.
- **2015-now:** Practical course of "Clinical Nutrition" to 5<sup>th</sup> level clinical Pharmacy undergraduate students.

#### 4. Technical Courses

◆ Faculty and Leadership Development Project "[FLDP](#)" Training Courses:

1. **The ethics of scientific research** (15 hr): from 28/01/2014 to 29/01/2014.
2. **Quality standards in the teaching process** (15 hr) from 27/04/2014 to 28/04/2014.
3. **The behavior of the profession** (15 hr) from 02/11/2014 to 03/11/2014.
4. **Communications skills in various modes of educations (15 hr):** from 07/06/2015 to 08/06/2015.
5. **Local and global competitive research projects (15 hr):** from 08/09/2015 to 09/09/2015.

◆ **International Computer Driving License** ([ICDL](#)): (11/2013).

#### 5. Research Skills

1. 3-year experience in animal work (mice and rats) including maintaining the animals, oral/injection of drugs, Anesthesia and collecting different organs (liver, adipose tissue).
2. Technical knowledge of ELISA, spectrophotometer and nanodrop.
3. Technical knowledge of immunohistochemistry technique.
4. Technical knowledge of molecular biology technique as Real time Polymerase Chain Reaction (RNA extraction, reverse transcription of extracted RNA to cDNA and Real time Polymerase chain Reaction step using thermal cyclers), interpretation of obtained results and calculation of relative gene expression.
5. Good experience in PCR amplification reaction and purification of products.
6. Technical knowledge of gel electrophoresis and visualization of gel using UV.
7. Ability to be team player with high communication skills
8. Good presentation skills using PowerPoint data show and overhead projector.
9. Good time and money management.
10. Assist in designing experiments
11. Make appropriate calculations, record data, interpret and summarize results using different statistical programs (SPSS and Graphpad prism)
12. Present research findings during meetings

13. Maintain lab inventory

## **6. Workshops, Conferences and activities**

- ◆ Organizing and participation in the first conference of Biochemistry department/Faculty of Pharmacy/Mansoura University: **12/10/2014**.

## **7. Publications**

- No publications.

## **8. Awards**

- No awards.