

Curriculum Vitae



Duaa Eliwa Mohamed Eliwa

DATE OF BIRTH: 1/12/1985

PLACE OF BIRTH: Dubai, United Arab of Emirates.

NATIONALITY: Egyptian

MAILING AND WORK ADDRESS: Pharmacognosy
Department, Faculty of Pharmacy, Tanta University, Elguish
Street, Tanta, Al-Garbyia, Egypt, Postal code 72513.

HOME ADDRESS: 21, Azab Street (a branch from 10
street), Al-Manshya Al-Gadida, Al-Mahalla Alkobra, Al-
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LANGUAGE PROFICIENCY:

Arabic Mother tongue

English Excellent (Reading, Writing, Speaking, Listening)

IELTS (Score 6.5)

EDUCATION:

- ❖ July 2015; Master degree in Pharmaceutical Sciences (Pharmacognosy)
Title of master dissertation “Microbial transformation of some Simple β -carboline alkaloids and microbial metabolites”.
- ❖ May 2007; B.Sc Pharmaceutical Sciences; Faculty of Pharmacy, Tanta University, Egypt.
- ❖ Graduated with general grade of excellent with honor. One of the top students throughout the 5 year-period of study, Faculty of Pharmacy, Tanta University, Tanta, EGYPT with cumulative average of 90.44%.

PROFESSIONAL CAPABILITIES:

- ❖ Communication skills in designing & delivering seminars as a part of many courses including the health care administration, drug design and drug information.
- ❖ Skills in laboratory work & research.
- ❖ Excellent in spoken and written English.

COMPUTER SKILLS

UNESCO certified **International Computer Driving License certificate** (ICDL) which involve the following:

- 1- Basic Concepts of Information Technology
- 2- Using the Computer and Managing Files
- 3- Word Processing
- 4- Spread Sheets (Excel)
- 5- Database (Access)
- 6- Presentation (PowerPoint)
- 7- Information and Communication (Internet).

WORK EXPERIENCE:

- ❖ Assistant Lecture in pharmacognosy at Tanta University since July 2015. Instructor of pharmacognosy at Tanta University in January 2008.
- ❖ Reasonable experience in UV/Visible Spectroscopy and different electrochemical techniques. Good theoretical background in MS, NMR and hyphenated LC-MS.
- ❖ Reasonable experience in teaching practical courses in classes and tutorials.

ADVANCED COURSES:

- ❖ Physical chemistry, instrumental analysis, mathematics and statistics during the academic year 2007-2008 with overall grade: Excellent.
- ❖ Advanced analytical chemistry advanced organic chemistry and advanced medicinal chemistry during the academic year 2008-2009 with overall grade: Excellent.

❖ RESEARCH SKILLS

- ❖ Handling of microorganisms.
- ❖ Performing different biotransformation reaction.
- ❖ Quantitative estimation of different constituents in the culture filtrate using colorimeter and spectrophotometer.
- ❖ Isolation and purification of active constituents of different extracts using column chromatography.
- ❖ Biological assays of antioxidant, antimicrobial, anticancer activity of different compounds.
- ❖ Identification of the isolated compounds by different spectroscopic methods as ^1H and ^{13}C -NMR, IR, UV.
- ❖ Handling of experimental animals
- ❖ Collection of blood samples from experimental animals and separation of serum samples.

❖ RESEARCH INTERESTS:

- ❖ Biotransformation of medicinal plant into valuable chemicals and pharmaceuticals using two stage fermentation protocol.
- ❖ Phytochemical investigation of medicinal plant for purification and Derivatization of these active constituents into biologically active compounds using microorganisms.

❖ EQUIPMENT HANDLING:

Through my work, I handled a lot of equipments such as HPLC, colorimeter, spectrophotometer, incubator, autoclaves, oven, water bathes, shakers, centrifuges, laminar flow, light microscopes and infra red instruments.

❖ Publication:

Duaa E. Mohamed, Abdel –Rahim S. Ibrahim, Souzan M. Ibrahim and Amal M. Kabbash, “Microbial transformation of some simple β -carboline alkaloids”, *World Journal of Pharmaceutical Sciences*, 2015; 3(7): 1307-1318.