



Mai Ibrahim Ibrahim Shahin

Lecturer of Pharmaceutical Chemistry
Faculty of Pharmacy, Ain Shams University
Cairo, Egypt

Personal Data:

Date of Birth : June 29, 1987
Place of birth : Cairo, Egypt
E-mail : maishahin@pharma.asu.edu.eg/
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Mailing address : 32 El-Laith Street-El zeitoun- Cairo- Egypt
Phones : +201095952576
Marital Status : Married with two sons

Undergraduate Education:

Bachelor Degree : B. Sc., Pharmaceutical Sciences, May 2009,
Grade: Excellent with honor (92.5%), General
Position 8th. Faculty of Pharmacy, Ain Shams
University.

Graduate Education:

Master Degree : M. Sc., Pharmaceutical Sciences (Pharmaceutical
Chemistry), 2013, Faculty of Pharmacy, Ain Shams
University. Title of Thesis: *"Molecular Design and*

Synthesis of Certain Quinoxaline Derivatives with Potential Anticancer Activity ".

PhD Degree : PhD, Pharmaceutical Sciences, (Pharmaceutical Chemistry), 2018, Faculty of Pharmacy, Ain Shams University. Title of Thesis: *"Molecular Design and Synthesis of Heterocyclic Compounds with Potential Biological activity"*
A member of 2-years mission between 2015-2017, Medicinal Chemistry Department, University of Michigan.

Positions Held:

Demonstrator : 2010 – 2013 at Pharmaceutical Chemistry Department, Faculty of Pharmacy, Ain shams University.

Assistant Lecturer : 2013- 2018 at Pharmaceutical Chemistry Department, Faculty of Pharmacy, Ain shams University.

Lecturer : Since 2018 at Pharmaceutical Chemistry Department, Faculty of Pharmacy, Ain shams University

Professional and Scientific Experiences:

- 1) Teaching Experience :**
- Taught organic chemistry, pharmaceutical chemistry and drug design practical sessions for undergraduate and postgraduate students at Faculty of Pharmacy, Ain Shams University.
 - Participated also in organizing and planning the practical exams.

- Lectured Organic chemistry for undergraduate pharmacy students (PharmD and PharmD clinical programmes) at Faculty of Pharmacy, Ain Shams University.
- Lectured advanced organic chemistry for postgraduate students.
- Examiner of organic and pharmaceutical chemistry at Ain Shams University

2) Examination Control: • A member in First level examination control at Faculty of Pharmacy- Ain Shams University.

3) Training Courses:

- 2010-2013: attended six courses for the development of capabilities of Ain Shams University staff members and leadership personnel.
- 20 March 2012: attended and participated in the symposium titled “New Trends in Organic Chemistry, Research Overview” held in National Research Centre, Giza, Egypt.
- 2007: Attended and participated in a course for First Aid training at Cairo University.
- 1999-2004: English courses at British Council.
- 2008: Attended communication skills sessions at Cairo University.

4) Quality Assurance: • Quality assurance coordinator since 2017

- One of the team members responsible for applying to Excellence award 2020.
- Head of educational standards team

Research Interests:

- Research interests involve Drug Design, Molecular Modeling and Organic Chemistry

Publications:

M.I. Shahin, D.A. Abou El Ella, N.S.M. Ismail, K.A.M. Abouzid, "Design, synthesis and biological evaluation of type-II VEGFR-2 inhibitors based on quinoxaline scaffold", *Bioorganic Chemistry*, 56 (2014) 16-26.

M.I. Shahin, J. Roy, M. Hanafi, D. Wang, U. Luesakul, Y. Chai, N. Muangsin, D.S. Lasheen, D.A. Abou El Ella, K.A. Abouzid, N. Neamati, "Synthesis and biological evaluation of novel 2-oxo-1,2-dihydroquinoline-4-carboxamide derivatives for the treatment of esophageal squamous cell carcinoma", *European Journal of Medicinal Chemistry*, 155 (2018) 516-530.

Technical Skills:

Language Skills :

- Arabic (*native*)
- English (*excellent, both written and spoken*)

Computer Skills :

- Very Familiar with Windows® operating system.
- Excellent experience with Microsoft® Word, Excel, PowerPoint.
- Experience in designing appealing presentations and seminars.

Skills in Field of Specialization :

- Ten years experience with software used in Drug Design (Teaching and Research), specifically Discovery Studio®2.5 (Accelrys Corporation, San Diego) and Field Align 2.1
- Worked on different instruments including Shimadzu LC/MS , Shimadzu HPLC, Isolera flash chromatography from Biotage, and Bruker NMR.
- Experienced with different and versatile chemistry and molecular modeling softwares (especially ChemOffice package).

Personal Skills :

- Ability to cooperate effectively with colleagues and to work as part of a team
- Commitment to working critically at the interface between research, theory and practice.

Hobbies:

- Charity
- Reading
- Swimming
- Music listening
- Travelling
- Sports (Karate, Volleyball, Basketball, Badminton and Squash)

References:

- **Prof. Dr. Khaled Abouzid Mohamed, PhD**

Professor of Pharmaceutical Chemistry
Vice dean for educational and students affairs
Faculty of Pharmacy, Ain Shams University
Cairo, Egypt
E-mail: abouzid@yahoo.com

- **Prof. Dr. Dalal Abd El Rahman Abou El Ella, PhD**

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Cairo, Egypt
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- **Prof. Dr. Nouri Neamati, PhD**

John G. Searle Professor of Medicinal Chemistry
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