Curriculum Vitae

Amal Ayman Mostafa Youssif Elmasry

Personal data

Name	**Amal Ayman Mostafa Youssif Elmasry**
Faculty	**Pharmacy**
Department	**Medicinal Chemistry**
Current position	**Assistant Lecturer**
Birth date & place	**08/18/1990 - Kuwait.**
Nationality	**Egyptian**
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Education

Degree	**Bachelor degree**
School/University	**Mansoura university**
Faculty	**Pharmacy**
City	**Mansoura**
Country	**Egypt**
Specialization	**Pharmaceutical Sciences**
Finished Date	**05/2013**
Name	**Pre-Master Courses**
	course of medicinal and organic chemistry
Courses studied	• **Spectrophotometry** • **Spectrofluorimetry** • **HPLC** • **Stability indicating** • **Instrumental analysis** • **Physical chemistry** • **Theories of drug receptor interaction** • **Drug biotransformation** • **Mathematics** • **English language** • **Computer sciences** • **Statistics**

Finished Date	**11/2014**
Degree	**Master's degree**
Title	**Determination of Certain Inhaled Drugs Used for Treatment of Allergic Rhinitis**
School/University	**Mansoura university**
Faculty	**Pharmacy**
City	**Mansoura**
Country	**Egypt**
Specialization	**Medicinal Chemistry**
Finished Date	**04/2018**

Teaching experience

+ **Teaching the practical courses of medicinal chemistry for undergraduate students (fourth level).**

  ❖ **Computer-aided sketching of 2D structures of compounds (ChemBioDraw software).**

  ❖ **Computer-aided representation of 3D structures of compounds (ChemBio3D software)**

  ❖ **Qualitative & quantitative determination of pharmaceutical mixtures.**

+ **Teaching the practical courses of medicinal chemistry for undergraduate students (fifth level).**

  ❖ **Computer-aided drug design using MOE software.**

  ❖ **Quantitative determination of pharmaceutical preparations.**

+ **Teaching the practical courses of medicinal chemistry for undergraduate students (Clinical pharmacy).**

  ❖ **Quantitative determination of pharmaceutical preparations.**

  ❖ **Physicochemical properties and how they affect drug action.**

  ❖ **Computer-aided drug design using MOE software.**

Academic performance development skills

+ **"Research Ethics" workshop.**

  · **From 28/01/2014 to 29/01/2014 (15 hrs).**

+ **"Communication skills" workshop.**

  · **From 24/05/2015 to 25/05/2015 (15 hrs).**

+ **"Credit Hours System" workshop.**

  · **From 25/12/2016 to 26/12/2016 (15 hrs).**

+ **"Internatinal Publishing of Scientific Research" workshop.**

  · **From 05/6/2016 to 06/06/2016 (15 hrs).**

+ **"Effective presentation" workshop.**

  · **From 30/07/2017 to 31/07/2017 (10 hrs).**

+ **A detailed knowledge about the setup of various organic chemical reactions.**

+ **Handling and operation of different equipment used for analytical analysis.**

  • **HPLC apparatus**

  • **Capillary electrophoresis**

  • **Spectrophotometry**

  • **Spectrofluorimetry**

  • **Colorimeter**

  • **pH meter**

- **Sonicator**
- **Water bathes**

🔸 **Search and collection of scientific material *via* the textbooks and websites.**

🔸 **Writing and organization of thesis and papers of medicinal chemistry.**

Research interests

1- Qualitative and quantitative determination of different novel drugs in pure form, pharmaceutical preparations and biological fluids.

2- Stability Indicating studies, and application of degradation kinetics to study the behavior of drugs under different stress conditions.

3- Chiral separation of different compounds containing asymmetric center.

4- Using different analytical techniques in separation such as capillary electrophoresis, HPLC, spectrophotometry and spectroflourimetry.

5- Applications of different experimental designs as a chemometric approach in pharmaceutical analysis.

Scientific conferences

- "4th International Conference of Pharmaceutical Science "Future University in Egypt", 2017.
- "1st International Conference of Pharmaceutical Sciences "MU-PHARM", 2017.

Scientific workshops

"Capillary electrophoresis" workshop. From 03/04/2016 to 05/04/2016.

Computer skills

Certificate of International Computer Driving License (ICDL)

Languages

Arabic (**Mother tongue): Very good**

English: Very good

Publications

1- Validated Sensitive spectrofluorimetric method for determination of antihistaminic drug azelastine HCl in pure form and in pharmaceutical dosage forms: application to stability study.

AA El-Masry, MEA Hammouda, DR El-Wasseef and SM El-Ashry.
Luminescence: Journal of Biological and Chemical Luminescence 2017, 32, 177-181.

2- Validated spectroscopic methods for determination of anti-histaminic drug azelastine in pure form; Analytical application for quality control of its pharmaceutical preparations.

AA El-Masry, MEA Hammouda, DR El-Wasseef and SM El-Ashry.
Journal of Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 2018, 191, 413-420.

References

2- Prof. Saadia Mohammed El-Ashry
Professor at Medicinal Chemistry Department, Faculty of Pharmacy, Mansoura University, Egypt.

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1- Prof. Dalia Rashad. El-Wasseef
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3- Dr. Mohammed Abu Bakr Abo El-Enin
Assistant professor of Medicinal Chemistry of Medicinal Chemistry Department, Faculty of Pharmacy, Mansoura University, Egypt.

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4- Dr. Mohammed Elsaid Abd-Elghafar Hammouda
Assistant professor of Medicinal Chemistry of Medicinal Chemistry Department, Faculty of Pharmacy, Mansoura University, Egypt.

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