

c u r r i c u l u m v i t a e

MOHAMED ABOUTALEB

Full Name : Mohamed Hemdan Abdou Aboutaleb
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PERSONAL PROFILE:

I am an Egyptian pharmacist with a master degree of pharmaceutical sciences (Medicinal Chemistry) and a current Ph.D. student, working as Assistant Lecturer.

Education History

2018- now	Current Ph.D. student Medicinal Chemistry Department, Faculty of Pharmacy, Mansoura University, Egypt. Degree Ph.D. degree of Pharmaceutical sciences – Medicinal chemistry
2010-2016	Postgraduate master student Medicinal Chemistry Department, Faculty of Pharmacy, Mansoura University, Egypt. Degree Master degree of Pharmaceutical sciences – Medicinal chemistry
1997-2002	Faculty of Pharmacy, Mansoura University, Egypt. Degree B.Sc. in Pharmaceutical sciences. General grade very good with honor degree (11th of my class) 82.14%. Cumulative marks (6283.5 points out of 7650)
1996-1997	Mansoura High School, Mansoura, Egypt Degree Thanaweya Amma Certificate General grade 99.5%

Work Experience

2018-now	Assistant Lecturer, Department Of Pharmaceutical Chemistry, Faculty of Pharmacy, Horus University, Egypt.
2004-2018	Academic Technician (Demonstrator), Department Of Pharmaceutical Chemistry, Faculty of Pharmacy, King Abdulaziz University, Saudi Arabia.
2002-2004	Pharmacist in an outpatient pharmacy , specialized medical Hospital, Mansoura University, Egypt.

Teaching Experience

Teaching the following practical courses was conducted between 2004-now

- 1) Medicinal Chemistry (11 years)
- 2) Phytochemistry (7years)
- 3) Instrumental Analysis (7 years)
- 4) Organic Chemistry (9 years)
- 5) Natural products (4 years)
- 6) Quality Control (3 years)
- 7) Analytical Chemistry (2 years)

Research Experience

2011-2013 **Research Assistant**, Pharmaceutical chemistry Department, King Abdul Aziz University.
Project Title: **(Design and synthesis of some novel gliptins analogs for treatment of type-2 diabetes)**
Grant No: (326-29) King Abdulaziz City of Science and Technology.
Principal researcher: **Prof.Dr Mohamed Ayman Alzahaby**
Professor of medicinal chemistry,
Department of pharmaceutical chemistry,
Faculty of Pharmacy, King Abdul Aziz University.

2006-2007 **Research Assistant**, Natural products & alternative medicine Department, King Abdul Aziz University.
Project Title: **(Biological Screening of Some Plants Collected from Saudi Arabia)**
Grant No: (427/041) Institute of Research & consultation.
Principal researcher: **Prof. Dr. Essam Abdel-Hamid Abdel-Sattar**
Professor of Phytochemistry,
Department of Natural products & alternative medicine,
Faculty of Pharmacy, King Abdul Aziz University.

2005-2006 **Research Assistant**, Pharmaceutical chemistry Department, King Abdul Aziz University.
Project Title: **(Design and synthesis of aryloxyalkylamines as h5-HT_{1b} agonist to be tested as analgesics with possible anti migraine activity)**
Grant No: (425/044) Institute of Research & consultation.
Principal researcher: The late **Prof.Dr Abdelkader Mokhtar Ismaeil**
Professor of medicinal chemistry,
Department of pharmaceutical chemistry,
Faculty of Pharmacy, King Abdul Aziz University.

Lab Techniques Experience

Experience in operating the following instruments and appliances:

- 1) Infrared Spectrophotometer (Perkin Elmer).
- 2) UV/Vis Spectrophotometer (Shimadzu and Perkin Elmer).
- 3) Melting Point Apparatus (Barnstead Electrothermal 9100).
- 4) Over Head Vortexer (ULTRA-TURAX® T50 basic-IKA®-WERKE).
- 5) Other appliances such as pH meter, conductometer, hot plate stirrer, heating mantle, Visible spectrophotometer, colorimeter, analytical and precision balances.

Experience in operating and maintenance of the following instruments :

- 1) Rotary Evaporator (BÜCHI Rotavapor R-200).
- 2) Water Distillator (GFL 2012).

***Skillful at some laboratory techniques such as**

- 1) Preparative TLC chromatography.
- 2) Manually packed column chromatography.
- 3) Crystallization and purification during synthesis of chemical compounds.
- 4) Isolation of thermo labile compounds from organic solvents.
- 5) Measurement of melting point.
- 6) Blood sampling of Albino rabbits.
- 7) Antimicrobial activity evaluation using Agar diffusion and broth microdilution method.

Research interests

- 1) **Design, synthesis and biological activity evaluation of new heterocyclic compounds as biologically active agents** (Antimicrobial, Anti-cancer, Analgesic, Hypolipidemic, Hypoglycemic, Antiviral, Anti-inflammatory).
- 2) **Drug Metabolism.**
- 3) **Computer aided Drug design and Molecular Modeling.**

Toefl Scores

Toefl score: 95 iBT \approx 240 cBT \approx 587 pbt 2007

Computer Skills

International Computer Driving License ICDL" Syllabus Version 4.0"
License No: KSA 050 036033

Training Sessions and workshops

1. **Certificate of participation in the 1st Interprofessional education workshop at King Abdulaziz University February 2-4, 2016.**
2. **Workshop on (Recent Concepts on Cardiovascular complications) May 19-20, 2015**
3. **Workshop on (3D Structure of Therapeutic Targets as Critical Component in Drug Discovery and Development) May 19-20, 2015**
4. **Workshop on (Computer aided Drug Design: Concepts and Application) April 21-23, 2013.**
5. **Workshop on (Saudi Digital Library & ISI Web of Knowledge): Concepts and Application) Dec. 18, 2012.**
6. **Comprehensive molecular modeling training on Sybyl-X 3/6/2012- 6/6/2012.**
7. **Workshop entitled (Assessment Made Easy) Feb. 26, 2012.**
8. **Internal auditor training course in Occupational Health and Safety Assessment Series.(OHSAS 18001-2007) 29/11/2011.**
9. **Sixth Continuing Pharmacy Education Program 3-10/11/2009.**
10. **Fifth Continuing Pharmacy Education Program 8/3/2009.**
11. **First Continuing Pharmacy Education Program 28/2/2007.**

Research Work

1. **Design, Synthesis, Biological Activity and Molecular Modeling of New Heterocyclic Tetrazole Derivatives. Journal of American Science 2016;12(1).**
2. **Biological Evaluation and Molecular Docking Study of Metabolites from *Salvadora persica* L. Growing in Egypt. Phcog Mag 2019; 15:232-7.**

References

Prof. Dr. Mohamed Ahmed Ahmed Moustafa
Ph.D. (Catholic University of Louvain, Belgium.)

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Prof. Dr. Mohamed Ayman Ali El-Zahabi
Ph.D. (Chiba University, Chiba, Japan.)

Present Position :

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Prof. Dr. Alaa Kheder
Ph.D.(Bohn University, Germany)

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Prof. Dr. Said Mohamed Mahmoud Bayomi
Ph.D. (Osaka, Japan)

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Prof. Dr. Magdy Mohamed Gineinah
Ph.D. (Virginia Commonwealth University, USA.)

Permanent Position :

Professor, Department of Pharmaceutical
Organic Chemistry , Faculty of Pharmacy,
Mansoura University, Egypt

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Prof. Dr. Sherif Ahmed Rostom
Ph.D.(Bohn University, Germany)

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Copies of Certificates and Transcripts supporting the CV are attached

To Whom It May Concern

It is my pleasure to write a letter of recommendation on behalf of **Mr. Mohamed Hemdan Abdou Aboutaleb**, Academic technician (**demonstrator**) of Medicinal Chemistry at Department of Pharmaceutical Chemistry, College of Pharmacy, King Abdulaziz University, Saudi Arabia.

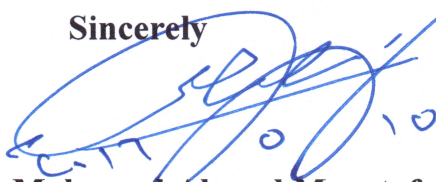
I have known **Mr. Hemdan** for more than 15 years. During which, I had the opportunity to know him well, and assess his academic abilities. During my supervision on him to get his master degree, he displayed very good ability to apply basic techniques in synthesis, structure elucidation, biological activity evaluation and molecular modeling. In the laboratory, I found him a smart and hard-working person. I have seen his discernment in solving problems related to research.

Mr. Hemdan is honest, friendly against colleagues and possesses nice personality. He is very cooperative and gets well with all other scientists. He is very productive and well experienced in all field related to his research activity in Medicinal Chemistry. **Mr. Hemdan** is very good in English both written and spoken, based on my academic relationship with him.

I see that **Mr. Hemdan** can take responsibilities and tasks, and stick to schedules. He can handle and analyze scientific and research-related problems utilizing every piece of information he has gained throughout his life. He is cooperative and is able to work with a team.

I would highly recommend **Mr. Hemdan** without any hesitation for the position he applied for. I am confident that, with his academic performance and deep compassion, he will be a great asset and an active player in your team.

Sincerely



Prof. Dr. Mohamed Ahmed Moustafa

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Head of Department of Pharmaceutical chemistry

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