

Adam A. Al-Shoubki

Assistant Lecturer, Pharmaceutics and Industrial Pharmacy
Department, Faculty of Pharmacy, University of Derna.



A. PROFESSIONAL PROFILE:

Full Name: Adam Ashour Al-Sanousi Al-Shoubki
Date of birth: 03-03-1992
Nationality: Libyan
Status: Single
Address: 1 Al-Hezam Al-Akhder Street, Al-Bayda, Libya
Email: adim.alsanousi@omu.edu.ly
Mobil Phone: (+218)922826802
WhatsApp: (+218)922826802

Web of Science Researcher ID: AAK-7687-2020

Publons: <https://publons.com/researcher/3203971/adam-a-al-shoubki/>

Google Scholar: <https://scholar.google.com/citations?user=vxkEu64AAAAJ&hl=en&oi=ao>

ORCID: <https://orcid.org/0000-0002-6183-6309>

Frontier's loop: <https://loop.frontiersin.org/people/753536/overview>

B. RESEARCH INTERESTS AND EXPERIENCE:

- 1- Design, development, and characterization of advanced drug delivery systems for Oral, Buccal, and Transdermal drug delivery systems.
- 2- Solubility of drugs in polymer matrices, enhancement of solubility, and dissolution.

C. EDUCATION

Ph.D., Student, Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Cairo University, Cairo, Egypt

Concentrations: Enhancement Drug Solubility; Enhancement Drug Bioavailability
Dissertation: *A Pharmaceutical Study on Model Drug for Enhancement its Bioavailability.*
Dissertation Advisors: Mohamed A. El-Nabarawi, Ph.D., Mahmoud H. Teaima, Ph.D., Rehab A. Abdelmonem, Ph.D.

M.Sc., Pharmaceutical Technology, Faculty of Pharmacy, Tanta University, Tanta, Egypt, 2019

Concentrations Enhancement Drug permeability, Enhancement Drug Bioavailability
Thesis: *New Technical Aspect for Improving Metformin Hydrochloride Bioavailability*
Thesis Advisor: Omar Y. Mady, Ph.D., Ebtessam A. Essa Ph.D., Ahmed A. Donia Ph.D.

B. SC. In Pharmaceutical Sciences, Faculty of Pharmacy, Omer Al-Mukhtar University, Al-Bayda, Libya, 2015

D. REVIEWER:

- 1- AAPS PharmSci Tech, USA.
- 2- Drug Development Research, USA.
- 3- Drug Research, Germany
- 4- Pharmaceutical Sciences Asia, Thailand.
- 5- Drug Delivery Letters, Netherlands.

E. COURSES TRAINER:

- 1- Security and safety in chemical laboratories course (January, 11, 12/ 2023) A course for teaching assistants and research assistants in applied colleges at the University of Derna.

F. PUBLICATIONS

Mady, O. Y., **Al-Shoubki, A. A.**, Hagag, Y., Ibrahim, B., & Donia, A. A. **(2022)**. Molding as Innovative Technology for Personalized Tablet Production. *International Journal of Pharmaceutical Compounding*, 26(2), 163-174.

Mady, O. Y., **Al-Shoubki, A. A.**, & Donia, A. A. **(2021)**. An Industrial Procedure for Pharmacodynamic Improvement of Metformin HCl via Granulation with Its Paracellular Pathway Enhancer Using Factorial Experimental Design. *Drug design, development and therapy*, 15, 4469.

Mady, O. Y., **Al-Shoubki, A. A.**, Donia, A. A., & Qasim, W. **(2021)**. Metformin hydrochloride entrapment in sorbitan monostearate for intestinal permeability enhancement and pharmacodynamics. *Scientific Reports*, 11(1), 1-13.

Mady, O. Y., Abulmeaty, M., Donia, A. A., Al-Khureif, A. A., **Al-Shoubki, A. A.**, Abudawood, M., & Abdel Moety, D. A. **(2021)**. Formulation and Bioavailability of Novel Mucoadhesive Buccal Films for Candesartan Cilexetil in Rats. *Membranes*, 11(9), 659.

Mady, O. Y., **Al-Shoubki, A. A.**, Donia, A. A., & Qasim, W. **(2021)**. Penetration Driving Force of Metformin Hydrochloride via Paracellular Pathway in Relation to its Pharmacodynamic Effect.

Mady, O. Y., Donia, A. A., **Al-Shoubki, A. A.**, & Qasim, W. **(2019)**. Paracellular pathway enhancement of metformin hydrochloride via molecular dispersion in span 60 microparticles. *Frontiers in Pharmacology*, 10, 713.

G. RESEARCH CONTRIBUTED:

Mady, O. Y., Al-Madboly, L. A., & Donia, A. A. (2020). Preparation, and Assessment of Antidermatophyte Activity of Miconazole-Urea Water-Soluble Film. *Frontiers in microbiology*, 11, 385. (Acknowledgments: The authors thank Dr. **Adam A. Al-Shoubki**, Department of Pharmaceutics, Omar Al-Mukhtar University, Al-Bayda, Libya for his cooperation in the preparation of the films).

H. PRESENTATIONS

Adam A. Al-Shoubki (2020). “An industrial procedure for pharmacodynamic improvement of metformin HCl via granulation with its Paracellular pathway enhancer.” Paper presented at the *35th Scientific Conference of the Egyptian Pharmaceutical Society, February 22, 2020; Cairo University Conference Center, Cairo, Egypt; with one oral presentation.*

Adam A. Al-Shoubki (2019). “Pharmacodynamic enhancement of metformin HCl granules.” Paper presented at *INNOVATIONS IN PHARMA RESEARCH AND DEVELOPMENT SUMMIT 2019, June 10- 12, 2019; Brussels, Belgium; with one Poster presentation.*

Adam A. Al-Shoubki (2019). “Span60 as Microsphere Matrix: Encapsulation and permeation enhancement of Metformin Hydrochloride as an Example of Class III drugs.” Paper presented at *The First African Health Conference, January 29- February 1, 2019; Al-Manara International Conference Center, Cairo, Egypt; with one Poster presentation.*

I. GRANTS AND FELLOWSHIPS:

Grant offered by Deanship of Scientific Research at King Saud University, Riyadh, Kingdom of Saudi Arabia, Research Group No. 1439-078. To sponsor our research entitled “Formulation and Bioavailability of Novel Buccal Bioadhesive Films of Candesartan Cilexetil in Rats” 2020.

J. RELEVANT SKILLS:

- 1- Six years of laboratory experience, proficiency in using the following laboratory equipment: ***UV/visible spectrophotometer*** (Thermo Fisher Scientific, model EVO 300PC, software: vision pro, USA); ***Paddle USP dissolution apparatus***, Type Disc 6000 (Copley Scientific, UK). ***HPLC*** (Thermo Scientific Dionex Ultimate 3000).
- 2- Extensive knowledge of ***Minitab 17, Design-Expert 12, and GraphPad Prism 8*** statistical programs.
- 3- Proficiency in using Microsoft Office programs ***Word, Excel, and PowerPoint.***

K. COURSES TAUGHT, FACULTY OF PHARMACY UNIVERSITY OF DERNA:

1. Pharmaceutics I, (Theoretical and practical, 5 hours/ week).
2. Pharmaceutics II, (Theoretical and practical, 5 hours/ week).
3. Physical Pharmacy, (Theoretical and practical, 5 hours/ week).

L. COURSES

Course title and content	Organized by:	Year
Academic Test of English as a Foreign Language (ATEFL)	Cairo University Center for Foreign Languages and Professional Translation	2020
International Computer Driving License (ICDL)	European Computer Driving Licence (ECDL) Foundation.	2019
English Language Course in Partial Fulfillment of The Requirement for The MA Degree at Tanta University.	Tanta University Languages and continuing Education Center (LCEC).	2018
Computer Course in Partial Fulfillment of The Requirement for The MA Degree at Tanta University	Tanta University Languages and continuing Education Center (LCEC).	2017