



## **Curriculum Vitae**

- **Name:** Hamdy Mohamed Dawaba
- **Title:** Assistant Professor
- **Department:** Pharmaceutics
- **E-mail:** Hamdy.dawaba@su.edu.eg

### **A) Academic Qualifications:**

- Bachelor's Degree in Pharmaceutical sciences, Excellence with Honor      University: Al-Azhar Year:2003.
- Masters Degree in Pharmaceutics      University: Al-Azhar University      Year:2009
- Ph.D in Pharmaceutics      University: Al-Azhar University      Year:2014

### **B) Academic promotions:**

- Demonstrator,      Date: from 01/08/2004 till 29/10/2009
- Assistant Lecturer,      Date: from 26/11/2010 till 25/11/2014.
- Lecturer,      Date: from 26/11/2014 till 24/03/2020.
- Assistant Professor,      Date: from 25/03/2020 till now

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### **C) Scientific Merit:**

- Google Scholar: [Hamdy M Dawaba - Google Scholar](#)
- Scopes ID: 37360916100
- Citations:225                      h-index: 8                      i10-index: 8
- Orcid –N: 0000-0002-7320-195X

### **D) Academic Administrative Experiences:**

Head of Pharmaceutics Department since 01/09/2022 till now

### **E) Scientific Activities**

#### **1: Membership of Professional Organizations and Scientific Societies**

- Member of the Egyptian Pharmacist Syndicate.
- Member of the Egyptian Pharmaceutical Society.
- Member of American Association of Pharmaceutical Scientists (AAPS).

#### **2: Training Courses/workshops:**

- Exams and students' assessment Methods – Quality Assurance and Training center – Al-Azhar University Cairo, Egypt.
- Effective presentation skills – Quality Assurance and Training center – Al-Azhar University Cairo, Egypt.
- Designing and preparing scientific researches – Quality Assurance and Training center – Al-Azhar University Cairo, Egypt.
- Course collyrium development – Quality Assurance and Training center – Al-Azhar University Cairo, Egypt.
- Higher Education institutions self-study preparation – Quality Assurance and Training center – Al-Azhar University Cairo, Egypt.
- Clinical Key Training – National institution for training, Nasr City Cairo, Egypt.
- Pharmacovigilance Workshop – Egyptian center of Pharmacovigilance, Cairo, Egypt.
- Strategic Planning – Quality Assurance and Training center – Al-Azhar University Cairo, Egypt.

- Recent trends in higher education development, – Quality Assurance and Training center – Al-Azhar University Cairo, Egypt.
- Developing legal and administrative skills – Quality Assurance and Training center – Al-Azhar University Cairo, Egypt.
- Crisis Management – Quality Assurance and Training center – Al-Azhar University Cairo, Egypt.
- Effective stress and time management – Quality Assurance and Training center – Al-Azhar University Cairo, Egypt.

### **3: Conferences, Seminars and Workshops:**

- 1st SCU Conference on Clinical Pharmacy, November 25th, 2017 – Faculty of Pharmacy – Suez Canal University, Ismailia- Egypt.
- 6<sup>th</sup> International Conference of Pharmaceutical and Drug Industries Research Division – October 23 – 24, 2017 – Safir Hotel – Cairo – Egypt.
- 8<sup>th</sup> International Scientific Conference of Faculty of Pharmacy – Cairo University, April 22<sup>nd</sup>, 2017 – Faculty of Pharmacy – Cairo University, El-Qasr El-Aini St., Cairo, Egypt.
- 4<sup>th</sup> FUE International Conference of Pharmaceutical Sciences, January 31 – February 2<sup>nd</sup>, 2017, Dusit Thani LakeView New Cairo, Egypt.
- 5<sup>th</sup> International Conference of the Arab Society for Medical Research, October 28 – 31st, 2016, Dreams Vacation Resort, Sharm El Sheikh – Egypt.
- The first scientific day of faculty of pharmacy (Girls Branch), Al-Azhar University entitled "An updated view in pharmaceutical sciences & practice", April 18<sup>th</sup>, 2016, Al-Azhar Conference Center, Nasr City, Cairo, Egypt.

### **4: Teaching Scopes:**

- Pharmacy orientation.
- Physical pharmacy.
- Pharmaceutical calculations and compounding.
- Pharmaceutics (Colloids, liquid, solid, semi-solid, parenteral and ophthalmic dosage forms).
- Dosage forms and drug delivery systems.

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- Biopharmaceutics and Pharmacokinetics.
- Industrial Pharmacy.
- GMP and Pharmaceutical quality assurance.
- Hospital Pharmacy.

**5: Scientific supervision number:**

Supervisor in 2 Master thesis and 2 PhD thesis.

**6: Peer reviewing of scientific research/ Proects:**

- Peer reviewer of Materials Today Communications.
- Peer reviewer of Elsevier Journals

**7: Other Activities:**

- Member of Measurement and Assessment Center, Al-Azhar University Cairo, Egypt.
- Member of the “Crisis Management” Committee in Quality and Accreditation unit in the Faculty of Pharmacy, Al-Azhar University Cairo, Egypt.
- Member of the “Strategic Planning” Committee in Quality and Accreditation unit in the Faculty of Pharmacy, Al-Azhar University Cairo, Egypt.
- Chairman of the IT and Questionnaires Committee in the Quality and Accreditation Unit in the Faculty of Pharmacy, Al-Azhar University Cairo, Egypt.
- Member of the Committee for Curriculum Development and Books for Pharmaceutics and Industrial Pharmacy Department, Faculty of Pharmacy, Al-Azhar University Cairo, Egypt.
- Secretary of the Board of Pharmaceutics and Industrial Pharmacy Department, Faculty of Pharmacy, Al-Azhar University Cairo, Egypt

## **F) Scientific Publications:**

Last 10 year of published Scientific Papers

### **-International journals:**

- Application of solvent injection method to develop stable, sustained release solid lipid nanoparticles of curcumin, Fathy I. Abd-Allah, **Hamdy M. Dawaba**, Ahmed M. Samy and Mohammad T. Nutan, International Journal of Development Research, December 2014 Vol. 4, Issue, 12, pp. 2734-2742
- Application of 2<sup>3</sup> Full-Factorial Design for Development and Optimization of Biocompatible, Biodegradable Solid Lipid Nanoparticles Containing Curcumin, **Hamdy M. Dawaba**, Ahmed M. Samy, Mohammad T. H. Nutan, Journal of Life Medicine, April 2014, Vol. 2 (2), PP. 51-59
- Evaluation of the anti-inflammatory and analgesic effects of piroxicam loaded microemulsion in topical formulations. **Dawaba, H.M.**, Abd-Allah, F.I., Ahmed Mansour and Ahmed, A.M.S. Int J Pharm Pharm Sci. 2011; 3(2):66-70.
- Preparation, characterization and stability studies of piroxicam-loaded microemulsion in topical formulations. **Dawaba, H.M.**, Abd-Allah, F.I., Ahmed, A.M.S. Drug Discov Ther. 2010; Vol. 4(4): 267-275
- Development of microemulsion based formula for improving the availability of poorly water-soluble drug. **Hamdy M. Dawaba**, Abd-Allah, F.I., Ahmed, A.M.S. Drug Discov Ther. 2010; Vol. 4(4): 257-266
- Enhancing the Oral Bioavailability of Candesartan Cilexetil Loaded Nanostructured Lipid Carriers: In Vitro Characterization and Absorption in Rats after Oral Administration. Walid A, **Hamdy M. Dawaba**, Mohsen I. Afouna, Ahmed M. Samy, Mohammed H. Rashed, Abdelaziz E. Abdelaziz. Pharmaceutics, 2020; 12(11):1047. Doi: 10.3390/pharmaceutics12111047
- Screening study for formulation variables in preparation and characterization of candesartan cilexetil loaded nanostructured lipid carriers. Anwar W, **Dawaba HM**, Afouna MI, Samy AM. Universal Journal of Pharmaceutical Research 2019; 4(6):8-19. DOI: <https://doi.org/10.22270/ujpr.v4i6.330>
- Effect of pegylated edge activator on Span 60 based nanovesicles: comparison between Myrj 52 and Myrj 59. Elsaied EH, **Dawaba HM**, Ibrahim ESA, Afouna MI. Universal Journal of Pharmaceutical Research 2019; 4(4):1-8. DOI: <https://doi.org/10.22270/ujpr.v4i4.290>
- Application of Optimization Technique to Develop Nano-Based Carrier of Nigella Sativa Essential Oil: Characterization and Assessment. Aya M. Dawaba, **Hamdy M. Dawaba**, Recent Patents on Drug Delivery & Formulation 2019; 13(3). DOI : [10.2174/1872211313666190516095309](https://doi.org/10.2174/1872211313666190516095309).
- Proniosomal gel-mediated topical delivery of fluconazole: Development, in vitro characterization, and microbiological evaluation. Amal S.M. Abu El-Enin, Maha K. A. Khalifa, Aya M. Dawaba, **Hamdy M. Dawaba**, Journal of Advanced Pharmaceutical Technology & Research. 2019; 10(1): 20-26.

- Fabrication of bioadhesive ocusert with different polymers: once a day dose. Aya M. Dawaba, **Hamdy M. Dawaba**, Amal S. M. Abu El-Enin, Maha K. A. Khalifa, Int J App Pharm, Vol 10, Issue 6, 2018, 309-317.
- Development and evaluation of extended release ciprofloxacin HCl ocular inserts employing natural and synthetic film forming agents. **Hamdy M. Dawaba**, Aya M. Dawaba, Journal of Pharmaceutical Investigation. <https://doi.org/10.1007/s40005-018-0400-x>.
- Development and evaluation of a floating in situ gelling liquid formulation of a locally acting H<sub>2</sub>-antagonist. **Hamdy M. Dawaba**, Aya M. Dawaba, Records of Pharmaceutical and Biomedical Sciences, 2017;1(2):36-44.
- Investigation of proniosomes gel as a promising carrier for transdermal delivery of glimepiride, Elsaied Hamada Elsaied, **Hamdy M. Dawaba**, Elsherbini Ahmed Ibrahim, Mohsen Ibrahim Afouna, Universal Journal of Pharmaceutical Research, 2016;1(2):1–18.

#### - National journals:

- Evaluation of stability, cellular uptake and anti-tumour activities of an optimized curcumin solid lipid nanoparticles formulaion, **Hamdy M. Dawaba**, Ahmed M. Samy, Mohamed I. Fetouh, Fathy I. Abd-Allah and Mohammad T. Nutan, Az. J. Pharm. Sci. Vol. 52, September 2015, PP. 192-207
- Application of 2<sup>3</sup> full-factorial design for development and optimization of biocompatible, biodegradable solid lipid nanoparticles containing curcumin, **Hamdy M. Dawaba**, Ahmed M. Samy, Mohamed I. Fetouh, Fathy I. Abd-Allah and Nutan M. T., Az. J. Pharm Sci. Vol. 48, September 2013. 84 – 101
- Development of microemulsion based formula for improving the availability of poorly water-soluble drug. **Hamdy M. Dawaba**, Abd-Allah, F.I., Ahmed, A.M.S. Az. J. Pharm. Sci. Vol. 40: September 2009. 94-110
- Development and evaluation of a floating in situ gelling liquid formulation of a locally acting H<sub>2</sub>-antagonist. **Hamdy M. Dawaba**, Aya M. Dawaba, Records of Pharmaceutical and Biomedical Sciences, 2017;1(2):36-44.

## **G) Quality Assurance in Higher Education:**

### **Training Attended:**

- Ejective manger in higher education institutions”
- “research plan”
- “Strategic plan”
- “Academic advisor”
- “Basic principles in assessment”
- “written assessment”
- “Blue printing”
- “Standard Setting”
- “Program Evaluation”
- “Program in Courses Specification”

## **H) Skills**

### - Language Skills:

- Arabic (mother tongue)
- Fluent in English (spoken and written)

### - Computer Skills:

- Microsoft office (Word, Excel, Power Point)

### - Presentation skills: Excellent

### - Other skills:

- Molecules drawing software e.g., Prism Graph Pad software
- Scientific References software e.g., Reference manager & Endnote
- Optimization software e.g., JMP, Statgraphics and Design expert.
- Other software used for the calculations of kinetics and bioavailability parameters