

Curriculum Vitae



I-PERSONAL DATA:

1-FULL NAME : Mohamed Fathy Mohamed Ibrahim.

2-PLACE & DATE OF BIRTH : Assiut & November 22, 1962.

NATIONALITY : Egyptian.

MARITAL STATE : Married.

ADDRESS: Department of Pharmaceutics, Faculty of Pharmacy
Assiut University 71526, Assiut, Egypt.

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II-ACADEMIC QUALIFICATIONS:

- **B.Sc.** (Pharmacy and Pharmaceutical Sciences) Assiut University, Egypt, 1985 (very good with degree of honor).

- **M.Sc.** (Pharmaceutics), Assiut University, Egypt, 1991.

Thesis title: DESIGN OF SUSTAINED RELEASE FORMULATIONS OF SOME BRONCHODIALATORS".

- **Ph.D.** (Pharmaceutics), Assiut University, Egypt, 1996.

Thesis title: "FORMULATION DESIGN OF ALGINATE CONTROLLED RELEASE DRUG DELIVERY SYSTEM".

Under sponsor of Egyptian government, work of Ph.D. thesis was performed in **JAPAN** from **April 6, 1994 to April 5, 1996.**

III-EMPLOYMENT HISTORY

Occupation:

Demonstrator (from 22/12/1985 to 2/4/1991).

Assistant lecturer (from 3/4/1991 to 26/10/1996).

Lecturer (from 27/10/1996 to 2/3/2002).

Assistant professor (from 3/3/2002 to 24/11/2007).

Professor (from 25/11/2007).

Place:

Department of Pharmaceutics, Faculty of Pharmacy, Assiut University 71526, Assiut, Egypt.

IV-TEACHING EXPERIENCES

1-Pharmaceutics for Under Graduate Students:

A-Faculty of Pharmacy, Assiut University 71526, Assiut, Egypt.

B- Faculty of Pharmacy, Al-Menia University, Al-Menia , Egypt.

C- Pharmacy Students, College of Health Sciences, Al-Hassa, KSA (2002-2008).

D- College of Clinical Pharmacy, King Faisal University, KSA. (2007-2008).

E- Clinical Pharmacy Program, Faculty of Pharmacy, Assiut University.

(Hospital Pharmacy, Clinical pharmacy-1, Clinical pharmacy-2, Clinical pharmacokinetics)

F-College of Pharmacy, King Khalid University, Abha, KSA (2012-2018)

2- For Post Graduate Students:

A-Pharmaceutical Biotechnology - Nanoparticles - Topical Formulations - Controlled Release Formulations - Advanced physical pharmacy - Clinical Pharmacokinetics - Ingredients of Cosmetics Products - Packaging and quality control for cosmetics - Pharmacy informatics and Biostatistics - Polymers in Pharmaceutical Formulations - Colloidal Drug Delivery Systems

V- PROFESSIONAL EXPERIENCES:

A-Reviewer

1-Drug Development and Industrial Pharmacy

2-Bulletin of Pharmaceutical sciences, Assiut University

3-Journal of advanced biomedical and pharmaceutical sciences, Minia university (JABPS)

4-Advances in Pharmacology and Pharmacy

5-Egyptian pharmaceutical Journal

6-J.of Drug Delivery Sciences and Technology

B- Academic editor

-Journal of pharmaceutical research international

C- Member of supervision committee:

Titles of thesis:

1-Formulation and evaluation of bromocriptine mesylate suppositories

2-Formulation and evaluation of controlled release ketoprofen oral formulations

3-Formulation and evaluation of certain topical dosage forms for fluconazole

4-Pharmaceutical and clinical evaluation of intravenous admixture used in intensive care units

5-Self-nanoemulsifying systems of simvastatin as potential approach for oral delivery

D-Member of approval committee for Master degrees.

Title of thesis:

1-Pharmaceutical studies on formulation and evaluation of sustained release ocular delivery systems containing certain drugs.

2-Formulation and clinical evaluation of some new nalidixic acid topical preparations

3-Pharmaceutical and clinical evaluation of intravenous admixtures in status asthmaticus

4- Development and characterization of nanostructured lipid carriers of simvastatin (2019)

5- Development and evaluation of sustainer release metformin HCl formulations (2020)

6- Formulation and evaluation of liposomes containing propolis extract (Faculty of Pharmacy- Al Minia university, 2020)

E-Member of approval committee for two Ph.D thesis.

Title of thesis:

1-Polysaccharide-based polyion complex micelles as new delivery systems for hydrophilic cationic drugs.

2-Dissolution rate enhancement of poorly water-soluble drugs using lyophilization technology"

F-Member for approving research projects in Saudi Arabia 's Universities (Undergraduates and post graduates)

G- An arbitrator to examine the scientific production for the positions of professors and assistant professors in Egyptian universities, session No 13 (2019-2022)

VI-ADMINISTRATIVE POSITIONS

•Head of Pharmacy Department, College of Health Sciences, Al-Hassa 31982, P.Box. 10950. KSA (2003-2007).

•Head of Pharmaceutics Department, College of Pharmacy, King Khalid University, Abha, King Saudi Arabia (2015-2018)

•Head of Pharmaceutical services center, Faculty of Pharmacy, Assiut University, Assiut, Egypt (2018-2019)

VII-CONFERENCES ATTENDANCE:

1-The 116th Annual meeting of The Pharmaceutical Society of Japan, Kanazawa, Japan, March 1996.

2-Assiut University 1st Pharmaceutical Sciences Conference, Assiut, March 4-5, 1998.

- 3-The 4th conference of the pharmaceutical Societies, Assiut, 1999
- 4-Assiut University 2nd Pharmaceutical Sciences Conference, Assiut, March 8-9, 2000.
- 5-National Organization for Drug Control and Research, Fifth Scientific Conference, Cairo, April 1-3, 2000.
- 6-The 6th European Congress of Pharmaceutical Sciences EUFEPS, Budapest, September 16-19, 2000.
- 7-Alexandria Second International Conference of Pharmaceutical Sciences & Technology, October 25-27, 2000.
- 8-Assiut University 3rd Pharmaceutical Sciences Conference, Assiut, March 5-6, 2002.
- 9-National Organization for Drug Control and Research, Sixth Scientific Conference, Cairo, March 23-25, 2002.
- 10-Assiut University 7th Pharmaceutical Sciences Conference, Assiut, March 17-18, 2010.

VIII-FACULTY AND LEADERSHIP DEVELOPMENT PROJECT:

- 1-Manegement skills (3-6 July 2005).
- 2- Decision making and problems solving (10-13 July 2005).
- 3-Course and curriculum design (31 july-3 August 2005).
- 4-Teaching with technology (18-21 June 2006).
- 5-Evaluation of teaching (1-3 July 2006).
- 6-Quality assurance and accreditation (10-12 July 2006).
- 7-Time and stress management (29-31 July 2006).

VII-LIST OF PUBLICATIONS:

- 1-Sayed, H.A., El-Sayed, A.M., Osman, A.H. and **Fathy, M.**; Design of sustained release formulation of salbutamol, 1-Ion-exchange resin systems. Bull. Pharm. Sci., Assiut University, 14, 46, 1991.
- 2-Sayed, H.A., El-Sayed, A.M., Osman, A.H. and **Fathy, M.**; Design of sustained release formulation of salbutamol, 1-Clay-sorbate systems. Bull. Pharm. Sci., Assiut University, 14, 61, 1991.
- 3-El-Sayed, A.M., Sayed, H.A., Osman, A.H. and **Fathy, M.**; Microencapsulation of theophylline. Bull. Pharm. Sci., Assiut University, 16, 113, 1993.
- 4-**Fathy, M.**, Safwat, S.M., El-Shanawany, S.M., Tous, S.S., and Otagiri, M.; Effect of alginate chemical composition on physicochemical characteristics of calcium alginate bead. Proceed. Assiut University 1st Pharmaceutical Sciences Conferences, 74, 1998.

- 5-Fathy, M.**, Safwat, S.M., El-Shanawany, S.M., Tous, S.S., and Otagiri, M.; Preparation and evaluation of beads made of different calcium alginate composition for oral sustained release of tiaramide, *Pharm. Dev. and Tech*, 3, 1, 1998.
- 6-Sheha, M. and Fathy, M.**; polymeric prodrug: α and β -poly (N-hydroxy-ethyl) aspartamide as carrier for controlling the release of theophylline. *Proceed. Assiut University 1st Pharmaceutical Sciences Conferences*, 146, 1998.
- 7-El-Gibaly, I., Fathy, M.**, Mohamed, M.O. and Ahmed, S.M.; Quinidine-cyclodextrins inclusion complexes. *Bull. Pharm. Sci., Assiut University*, 22, 55, 1999
- 8-Emara, S., Saleh, G., Fathy, M. and Bakr, M.A.**; Chromatographic assay and Pharmacokinetic studies of propofol in human serum, *Biomed. Chromat.*, 13, 299, 1999.
- 9-Hassan, M.A., Fathy, M. and tous, S.S.**; In-vitro interaction of tiaramide hydrochloride with some pharmaceutical excipients. The 18th pharmaceutical technology Conference and exhibition, Utrecht, Netherlands, 2, 282, 1999.
- 10-Mohammed, F.A., Hassan, M.A. and Fathy M.**; Preparation and in-vitro evaluation of oral controlled release matrix tablets containing diclofenac sodium. *Bull. Pharm. Sci., Assiut University*, 24, 55, 2001.
- 11-Fathy, M.**; Beeswax as a release retarder for verapamil hydrochloride from microspheres based on cellulose acetate butyrate.; *El-Zagazig J. Pharm. Sci.*, 9, 51, 2000.
- 12-Fathy, M. and Sheha, M.**; In vitro and in-vivo evaluation of an amylobarbitone/hydroxypropyl- β -cyclodextrin complex prepared by a freeze-drying method; *Pharmazie*, 55, 513, 2000.
- 13-El-Gibaly, I., Fathy, M.**; Development and evaluation of verapamil resins-loaded controlled release microcapsules using a binary polymer system in drug release rate modulation, The 6th European Congress of Pharmaceutical Sciences, Budapest, September, 16-19, 2000.
- 14-Abdel Mohsen, M.G. and Fathy, M.**; Influence of quercetin on dissolution behavior and ulcerogenic activity of indomethacin. *Bull. Pharm. Sci., Assiut University*, 24, 2001.
- 15-Soliman, O.A., Abd El-Ghany, G.A. and Mohamed Fathy**; In vivo evaluation of azapropazonecyclodextrin complexes from ophthalmic formulations/ocular tolerance and disposition in eye tissues. *Bull. Pharm. Sci., Assiut University*, 25, 181, 2002.
- 16-Fathy, M.**, Hassan, M.A. and Mohamed, F.A.; Differential scanning calorimetry to investigate the compatibility of ciprofloxacin hydrochloride with excipients. *Pharmazie*, 57, 825, 2002.

- 17-Fathy, M.** and El-Badry, M.; Preparation and evaluation of piroxicam-pluronic solid dispersions. Bull. Pharm. Sci., Assiut University, 26, 97, 2003.
- 18- El-Badry, M., Fathy, M.** and Abdel Mohsen, M. G.; Solubilization of some non-steroidal anti-inflammatory drugs (NSAIDs) by pluronic F-127 block copolymer. Bull. Pharm. Sci., Assiut University, 27, 1, 2004.
- 19-El-Badry, M. and Fathy, M.;** Properties of solid dispersion of piroxicam in pluronic F-98. J. Drug Del. Sci. Tech., 14, 199-205, 2004.
- 20- El-Badry, M. and Fathy, M.;** Enhancement of the dissolution and permeation rates of meloxicam by formation of its freeze-dried solid dispersions in polyvinylpyrrolidone K-30. Drug Development and Industrial Pharmacy, 32, 141, 2006.
- 21- Fathy, M.;** Ca-alginate beads loaded with meloxicam: Effect of alginate chemical composition on the properties of the beads and ulcerogenicity of the drug. J. Drug Del. Sci. Tech., 16, 183, 2006.
- 22-Fathy, M.;** Interaction of tiaramide hydrochloride with Amberlite resins: Characterization of the interaction and modulation of the release through microencapsulation of the prepared resins. Bull. Pharm. Sci., Assiut University, 29, 111, 2006.
- 23-Fathy, M.;** Physicochemical characterization of ibuprofen/hypromellose acetate succinate solid dispersions. Mansora J. Pharm. Sci., 22, 224, 2006.
- 24- El-Badry, M., Fetih, G. and Fathy, M.;** Improvement of solubility and dissolution rate of indomethacin by solid dispersion in Gelucire 50/13 and PEG 4000. Saudi Pharmaceutical journal, 17, 219, 2009.
- 25-Ahmed M. El-Sayed, Mohamed G. Abd El-Mohsen, Mohamed F. Mohamed, Nafisa H.Rafat and Ola A.Sayed.;** Compatibility and stability of ternary admixture of midazolam, dobutamine and dopamine in 5% glucose or 0.9% sodium chloride solution Bull. Pharm. Sci., Assiut University, Vol. 35, Part 2, 2012, pp. 161-180.
- 26-Aml Mekkawy, M. Fathy and Sohair El-Shanawany;** Formulation and In vitro Evaluation of Fluconazole Topical Gels, British Journal of Pharmaceutical Research, 3(3): 293-313, 2013.
- 27-Aml Mekkawy, M. Fathy and Sohair El-Shanawany;** Study of Fluconazole release from O/W cream and water soluble ointment Bases, British Journal of Pharmaceutical Research, 3(4): 686-696, 2013

28-Ahmed M. El-Sayed, Mohamed G. Abd El-Mohsen, **Mohamed F. Mohamed**, Nafisa H. Rafat and Ola A.Sayed.; Pharmaceutical and clinical evaluation of intravenous admixture of dobutamine and dopamine used in treatment hypotension in neonatal intensive care units. Bull. Pharm. Sci., assiut university, vol. 36, part 1, pp.161-180 2013.

29-S. Tous, **M. Fathy**, G. Fetih and Sheryhan F. Gad; Preparation and Evaluation of Ketoprofen-loaded Calcium alginate beads International Journal of PharmTech Research, Vol.6, No.3, pp 1100-1112, July-Aug 2014.

30-Aya Hamdy, Mahmoud El-Badry, **Mohamed Fathy**, Ahmed M. El-Sayed; Impact of oil type on the emulsification efficiency of simvastatin loaded self-emulsifying drug delivery systems, Poster in Assiut University, 12th International Pharmaceutical Sciences Conference, Nov 4-5, 2020

31-Aml I Mekkawy , **M Fathy** , Hebatallah B Mohamed. Evaluation of Different Surface Coating Agents for Selenium Nanoparticles: Enhanced Anti-Inflammatory Activity and Drug Loading Capacity, Drug Design Development and Therapy, 16, 1811-1825, 2022.