

CURRICULUM VITAE



Personal Data

Name: Amal Kamal Hussein Mohammed

Sex: Female

Date of birth: 23/9/1969

Place of birth: Samalot, Minia, Egypt

Home Address: Maghagha, Minia, Egypt.

Nationality and Religion: Egyptian, Muslim.

Marital Status: Married, with four childrens

Job: Associated professor in Faculty of Pharmacy, Minia University, 61519-Minia, Egypt.

Recent Job and Address:

- Supervision of "Clinical Pharmacy department" Faculty of Pharmacy, Minia University, 61519-Minia, Egypt.
- Secretary-General of Egyptian Pharmacist Minia syndicate, Minia.

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Academic Qualifications:

- ✓ Bachelor Degree of Pharmaceutical Sciences, June1992 from Assiut University, Assiut, Egypt with general grade of very good with degree of honour.
- ✓ Master Degree in Pharmaceutical Sciences (Pharmaceutics), 1999, from Faculty of Pharmacy, Assiut University, Egypt. The title of the thesis is "Interaction of acetazolamid and hydrochlorothiazide with macromolecules".

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- ✓ Ph D Degree in Pharmaceutical Sciences (Pharmaceutics) 2006, Faculty of Pharmacy, Minia University, Minia, Egypt. The title of the thesis is "Formulation and evaluation of controlled release tablets and microcapsules containing certain non-steroidal anti-inflammatory drug".

SCIENTIFIC, ADMINISTRATIVE AND OTHER EXPERIENCE:

1. Demonstrator in the Department of Industrial Pharmacy, Faculty of Pharmacy, Assiut University. from 1993 till 1999 including, and research work on the subject of the M.Sc.
2. Assistant Lecturer in the Department of "Pharmaceutical Technology", Faculty of Pharmacy, Minia University, from 12-1999 till 6-2006.
3. Lecturer of "Pharmaceutical Technology", Faculty of Pharmacy, Minia University, from 7-2006 till the present time.
4. One of the responsible management team of the Continuous Improvement and Qualification for Accreditation Project (CIQAP) for the faculty of Pharmacy, Minia University, 61519-Minia, Egypt.
5. Secretary-General of Egyptian Pharmacist Minia syndicate, Minia, from 1th August 2011 till the present time.
6. Supervision of "Clinical Pharmacy department" Faculty of Pharmacy, Minia University, 61519-Minia, Egypt.
7. Supervision of Drug Information Centres in Minia Hospitals, Minia

TEACHING EXPERIENCE:

- 1- Practical courses of Pharmaceutics for Pharmacy students.
- 2- Lectures of pharmaceutics and clinical pharmacy for clinical Pharmacy program Students.
- 3- Lectures of Advanced Pharmaceutics and clinical pharmacy for Postgraduate students.
- 4- Lectures of Pharmaceutics and clinical pharmacy for students in both Modern Science and Arts University and El Nahda University.
- 5- Supervisor for a postgraduate Student in college of Pharmacy, Minia University preparing M Sc and Ph D Thesis's in Pharmaceutical Sciences (Pharmaceutics and clinical pharmacy)

Awards and Appreciation Certificates:

- A certificate for passing Clinical pharmacy practice from Nekabet miser Syndicate and Faculty of pharmacy, Minia University, Egypt.
- A certificate for passing Clinical pharmacy practice in cardiology from Nekabet miser Syndicate and Faculty of pharmacy, Minia university, Egypt.
- A certificate for passing the English Proficiency Examinations from the center of foreign languages, Minia University.
- A certificate for passing ICDL.
- A certificate for passing Communication Skills Course from Cultural Center for Human Resource & Continuous Learning, Cairo, Egypt.

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- A certificate of Appreciation form Institute for Leadership Development, in the Session held in Helwan, Egypt from 10-11-2000 to 15-11-2000.

Research Interests

- ✓ Nanotechnology, Inclusion complexation with CyDs, Solid dispersion technology, Microencapsulation techniques, Ocular drug delivery, Nutrition.

Publications

1. E. A. Zen-aldeen, A. K. Husien, O. A. Ahmed, M. A. Ibrahim and M. A. Amin, Physicomechanical Properties And Release of Ketorolac Tromethamine From Chitosan Films: Effect Of Inclusion Of Different Polyols Plasticizers. Bull. Pharm. Sci., Assiut Univesrty, vol. 31, part 2, **2008**, pp 229-247.
2. H. Abdelkader2, A. Kamal, S. Ismail, R.G. Alany, Preparation of niosomes as an ocular delivery system for naltrexone hydrochloride: Physicochemical characterization, DiePharmazie, 65, **2010**, 811-817.
3. Amal S. Abu El-Enin, Afaf A. Ramadan, Amal K. Hussein, Formulation and evaluation of once-daily sustained-release tablets of Isoxsuprine HCl, Egypt. J. Biomed. Sci. Vol. 34, November, **2010**, 162-179
4. HamdyAbd Elkader, Sayed Ismail, Amal Kamal, Raid Alany, Design and Evaluation of Controlled-Release iosomes and Discomes for Naltrexone Hydrochloride Ocular Delivery, J. Pharm. Sci., Vol. 100, No. 5, May **2011**, 1833-1846
5. Amal K. Hussein, Mohamed A. Ibrahim, Mohamed A. Amin, Osama A.A. Ahmed, and Mohsen I. Afouna, Improved In Vitro Dissolution Parameters and In Vivo Hypolipidimic Efficiency of Atorvastatin Calcium Through the Formation of Hydrophilic Inclusion Complex With Cyclodextrins, Drug Dev Res, 72, **2011**, 1-12.
6. A.K. Hussein, G. Fetih, Novel optimization of shape, swelling and release behaviors of tolmetin sodium loaded alginate microbeads, J. DRUG DEL. SCI. TECH., 21 (2), **2011**, 165-174.
7. Amal K. Hussein, in vitro and in vivo evaluations of an ion- activated in situ gelling system for sustained ocular delivery of diclofenac sodium, Alex. J. Pharm. Sci., vol. 25 (2) sept., **2011**, 91-98.
8. Shahira F. El-Menshawe and Amal K. Hussein, Formulation and evaluation of meloxicam niosomes as vesicular carriers for enhanced skin delivery, Accepted in Pharmaceutical Development and Technology, In press in: Pharmaceutical Development and Technology : 1–8, Posted online on 14 Sep **2011**.
9. A Hussein, S El-Menshawe, and M Afouna, Enhancement of the in-vitro dissolution and in-vivo oral bioavailability of silymarin from liquid-filled hard gelatin capsules of semisolid dispersion using Gelucire 44/14 as a carrier, Die Pharmazie, Vol. 67, No. 3, March **2012**, 209-214.

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10. Hamdy Abdelkader, Sayed Ismail, Amal Hussein, Zimei Wu, Raida Al-Kassas, and Raid G Alany, Conjunctival and corneal tolerability assessment of ocular naltrexone niosomes and their ingredients on the hen's egg chorioallantoic membrane and excised bovine cornea models, International Journal of Pharmaceutics, 432, **2012**, 1-10
11. Ahmed F. Abdel Wahab, Amal K. Hussein, Khaled A. Khaled, and Osama A. A. Ahmed, Meloxicam Depot Parenteral Bio-Degradable Microspheres: Preparation, Characterization and In-Vivo Evaluation, Int. J. Pharm. Sci. Rev. Res., 21(2), **Jul – Aug 2013**; n° 08, 38-45
12. Mohsen I. Afouna, Amal K. Hussein and Osama A. Ahmed, Influence of the Interplay between Azone™ as Permeation Enhancer a and Carbopol-974® as a Mucoadhesive upon the in vitro Transcorneal Release and the in vivo Antiglaucoma Effect of S-Timolol Maleate Ophthalmic Gel Formulations, International Journal of PharmTech Research, vol.6, No.1, pp 298-315, **Jan-March 2014**.
13. Ahmed F. Abdelwahab, Ayumu Ohyama, Taishi Higashi, keichi Motoyama, Khaled A. Khaled, Hatem A. Sarahn, Amal K. Hussein, Hidetoshi Arima, Journal of Drug Targetting, Early on line 1-8, **2014**.

University degree supervision:

- 5 Theses for Master degree of clinical pharmacy.
- 5 Theses for Master degree Pharmaceutics.
- 1 Ph.D. Thesis in clinical Pharmacy .
- 1 Ph.D. Thesis in pharmaceutics (Auckland University, New Zealand).
- 1 Ph.D. Thesis in pharmaceutics (JAPAN).
- 1 Ph.D. Thesis in pharmaceutics (KINGSTON UNIVERSITY).

Conferences:

1. Amal Hussein, Amal Abou El Ela, Mohamed Ibrahim and Mohamed Amin, Physicochemical characterization and in vitro dissolution behavior of statin drug-cyclodextrin inclusion compounds, accepted and presented in Assiut University 6TH International pharmaceutical sciences conferences: 12 & 13th March **2008**, Assuit University, Assiut, Egypt.
2. Amal Hussein, Hatem Sarahan, Amal El-Saih and Gihan Fetih, Polymeric microparticulate system for a nonsteroidal anti-inflammatory drug, accepted for 1st Scientific conference of faculty of pharmacy March, 29th, **2008**, Cairo university.
3. Khaled A. Khaled, Amal K. Hussein, Osama abd-elhakim Ali and Ahmed Fouad, Novel formulation of meloxicam as long acting biodegradable microspheres, accepted for 17th & 18th March **2010**, Assiut university.

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4. Amal Hussein, An Ion-Activated in Situ Gelling System for Sustained Ophthalmic Delivery of Diclofenac Sodium, accepted for Monday 6th to Thursday 9th December **2010**; Australian Pharmaceutical Science Association Annual Conference (Poster).
5. Abdelkader, H., Kamal, A., Ismail, S., & Alany, R., Development of a validated HPLC-method for naltrexone hydrochloride-encapsulated in niosomal formulations. Paper presented at the 12th (**2010**) conference on formulation and delivery of bioactives, The University of Otago, Dunedin, New Zealand. (Poster).
6. Abdelkader, H., Kamal, A., Ismail, S., & Alany, R., Effect of selected ionic and non-ionic membrane additives on the entrapment efficiency of naltrexone hydrochloride in niosomes. Paper presented at the 37th (**2010**) Annual Meeting and Exposition of the controlled release Society (CRS), Portland, USA. (Poster).
7. Abdelkader, H., Kamal, A., Ismail, S., & Alany, R., Characterization of ocular naltrexone niosomes using differential scanning calorimetry (DSC) and cryo-scanning electron microscopy (Cryo-SEM). Paper presented at the 37th (**2010**) Annual Meeting and Exposition of the CRS CRS, Portland, USA. (Poster).
8. Abdelkader, H., Kamal, A., Ismail, S., & Alany, R., Naltrexone hydrochloride a new ophthalmic pharmaceutical: physicochemical characterisation. Paper presented at the 12th (**2010**) Conference on Formulation and Delivery of Bioactives, the University of Otago, Dunedin, New Zealand (Podium).
9. Khaled A. Khaled, Amal K. Hussein, Osama abd-elhakim Ali and Ahmed F. Abdelwahab, Formulation and characterization of meloxicam-loaded biodegradable microspheres using poly(ϵ -caprolactone) and its blend with PLGA, accepted and presented in Egyptian Pharmaceutical Society XXXII Conference of Pharmaceutical Science, December **2011**; Egypt
10. Khaled A. Khaled, Amal K. Hussein, Osama abd-elhakim Ali and Al-Shaimaa G. Shehata, Effect of formulation parameters on encapsulation efficiency of Ofloxacin, accepted and presented in Egyptian Pharmaceutical Society XXXII Conference of Pharmaceutical Science, December **2011**; Egypt
11. Khaled A. Khaled, Amal K. Hussein, Osama Abd-Elhakim Ali and Ahmed F. Abdelwahab, Formulation of meloxicam into long acting microspheres, accepted and presented in 8th International Pharmaceutical Science Conference at 14th and 15th March **2012**; Assiut university, Assiut, Egypt.
12. Khaled A. Khaled, Amal K. Hussein, Osama abd-Elhakim Ali and Al-Shaimaa G. Shehata, An Ion-Activated in Situ Gelling System for Sustained Ophthalmic Delivery of Ofloxacin, accepted and presented in 8th International Pharmaceutical Science Conference at 14th and 15th March **2012**; Assiut university, Assiut, Egypt.

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13. Amal K. Hussein and Hatem A. Sarhan, Novel formulation of diosmin transdermal gel; accepted as oral presentation in 7th International conference of Drug Discovery and Therapy at 10-12th February **2014**; UAE, Dubai.

Other Conferences

- 31st Egyptian Pharmacist day, 2012, Cairo, Egypt
- Conference of the National Council of the woman, "She and President"s, Cairo, Egypt, 19-5-2012.

Workshops

1. New Approaches in the treatment of Diabetes, 18th November, 2008, Faculty of Pharmacy, Minia University, Minia.
2. Develop educational programs to keep pace with the needs of the community, 26th August 2010
3. Definition of crisis management and crisis management requirements, 28th September 2010, Faculty of Pharmacy, Minia University, Minia.
4. Laboratory safety workshop, 5th October 2010, Faculty of Pharmacy, Minia University, Minia.
5. Academic Advising, 4th January 2011, Faculty of Pharmacy, Minia University, Minia.
6. Meet the practical application of educational institutions in various fields, 19-20th February 2012, Faculty of Pharmacy, Minia University, Minia.
7. NEXTEP Course, 6-7th April 2012, Faculty of Pharmacy, Minia University, Minia.

Reference

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