

Suggested Template for a Staff member CV

Contact Details

Name: Fatma Ahmed Ismail

Title: Professor of pharmaceutics ;Faculty of Pharmacy,
Alexandria University

Department: Pharmaceutics

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Biography

Academic Qualifications:

B.Pharm.grade"Distinction", 1976 (Alex. University)

Ms.in Pharmaceutical Science, Pharmaceutics, 1983 (Alex. University)

Ph.D. in Pharmaceutical Sciences, Pharmaceutics, 1988 (Alex. University)

Career History and Professional Experience

- Demonstrator, 1976-1983 (Dept. of Pharmaceutics, Fac. of Pharmacy, Alex.Univ.)
- Assistant Lecturer, 1983-1988 (Dept. of Pharmaceutics, Fac. of Pharmacy, Alex. Univ.))
- Lecturer, 1988-1994 (Dept. of Pharmaceutics, Fac. of Pharmacy, Alex. Univ.)
- Associate Professor, 1994-2007 (Dept. of Pharmaceutics, Fac. of Pharmacy, Alex Univ.)
- Professor, 2007 on (Dept. of Pharmaceutics, Fac. of Pharmacy, Alex. Univ.)
- Head of Department of Pharmaceutics, 2010 -2013

Research Interest	<p><u>Supervision of Thesis:</u></p> <p>a) <u>For attainment of master degree:</u></p> <ul style="list-style-type: none"> ▪ "A Physicochemical Stability Study of Some Anti-inflammatory Drugs in Different Formulations" ▪ "Formulation and Evaluation of some Extended release Oral Dosage Forms" ▪ "Assessment of Pharmaceutical Quality of Some Dosage Forms Available in the Egyptian Market" ▪ "Evaluation of the Local Application of Cholesterol Lowering Drug (Simvastatin) for the Management of the Intrabony Defect" <p style="padding-left: 40px;">(a cooperation with the faculty of dentistry-Alexandria)</p> <ul style="list-style-type: none"> ▪ "Biological Evaluation of Simvastatin Drug around Immediate Dental Implants in Fresh Extraction Sockets" (a cooperation with the faculty of dentistry-Alexandria) ▪ "Formulation & Evaluation of Intrapocket Delivery Systems for the treatment of Periodontitis (done in Beirut Arab University)" ▪ "Effects of Formulation and Process Variables on the Characteristics of Some Polymer-Based Oral Drug Delivery Systems" ▪ "Design and Evaluation of Oral Modified Release Systems Containing Water Soluble Drugs" ▪ "Formulation and Evaluation of Some Drug Delivery Systems for the Oral Cavity" <p>b) <u>For attainment of Ph.D degree:</u></p> <ul style="list-style-type: none"> ▪ "Formulation and Evaluation of some Drug Delivery System for Targeted and or Rate-controlled Release" ▪ "Formulation and Evaluation of Delivery System Based on Gel Forming Polymers" ▪ "Design and Evaluation of Some Transmucosal Drug Delivery Systems" <p><u>Teaching Activates:</u></p> <p>a) <u>Under graduate courses:</u></p> <ul style="list-style-type: none"> ▪ Veterinary Phamaceuticals ▪ Gene therapy & Biotechnology ▪ Pharmaceutical care products for treatment of peptic ulcer, hyperlipidaemia, anaemia, peripheral vascular diseases, depression, anxiety..... ▪ Non prescription drug groups (eg foot care products, otic products....) ▪ Hospital Pharmacy <p>b) <u>Post graduate courses:</u></p> <ul style="list-style-type: none"> ▪ Advanced course in gene therapy & gene delivery ▪ Biopharmaceutics course to Clinical pharmacy students
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- Hospital Pharmacy course for the clinical & hospital Pharmacy diploma

- Seminars for PhD students

c) Other teaching activities:

- Physical Pharmacy course to Syrian Pharmacists during their training in the faculty of Pharmacy-Alexandria University
- Gene therapy, biopharmaceutics pharmacokinetics, Hospital Pharmacy & OTC products courses to Lebanese undergraduate students-Beirut Arabic University –Beirut-Lebanon
- Sterile dosage forms & physical pharmacy courses to Saudian undergraduate students- King Abdul Aziz University – Jeddah - KSA

Extra-activities:

- Attainment of a course in principles of genetic engineering provided by University of Alexandria research center (1998)
- Six month Postdoctoral study in University of Florida – Gainesville – Florida USA (1998). The research was in the domain of Gene Delivery Systems
- Attainment of courses about experimental animal manipulation & surface activity (Florida – USA-1998)
- Attendance of the AAPS (American Association of Pharmaceutical Scientists) annual meeting in San Francisco (1998) & in Indian -USA (2000)
- Attendance of the FIP (Fédération Internationale Pharmaceutique) conference in Cairo- Egypt (2005)
- Attendance of the 4th International Conference of the High Institute of Public Health “Patient Safety”. Alexandria-Egypt(2009)
- Attainment of a course entitled “Improvement of leader-ship capabilities”.
New horizon- Alexandria – Egypt (2009)
- Providing academic guidance for students attending post graduate pharmaceutics courses. Faculty of Pharmacy - Alexandria-Egypt (2008-2010)
- Member of a committee for the evaluation of post graduate students seminars. Faculty of Pharmacy- Alexandria- Egypt (2010)

Attendance of the International Conference: “Recent Advances in Pharmaceutical Research & Technology” in Beirut Lebanon (2010)

	<p><u>Managerial posts:</u></p> <ul style="list-style-type: none"> ▪ Undergraduate course-coordinator (fourth year) from 2005 -2013. ▪ Executive manager of the Pharmacy Service Unit 2007-2008. ▪ Academic advisor for the post graduate students, 2008-2010. ▪ Head oh Department of Pharmaceutics from 2010 - 2013.
Selected publications & Conferences	<ol style="list-style-type: none"> 1. "Bioavailability of eight brands of ampicillin capsules".Said A. Khalil, L.M. Mortada and F.A. Ismail. Drug Dev. Ind. Pharm., 10, 929-948 (1984). 2. "Correlation of urinary excretion with in vitro dissolution using four dissolution methods for ampicillin capsules". L.M. Mortada, F.A. Ismail and Said A. Khalil. Drug Dev. Ind. Pharm., 11, 101-130 (1985). 3. "Adsorption of Ketoprofen and bumadizone calcium on aluminium containing antacids and its effect on ketorofen bioavailability in man ". F.A. Ismail, N.M. Khalafalla and Said A. Khalil. Int.J. Pharm., 34, 189-196 (1987). 4. "Diseases and drug-induced changes in naproxen binding to plasma". F.A. Ismail, N.M. Khalafalla and Said A. Khalil. Drug.Dev. Ind. Pharm., 15.147-164 (1989). 5. "In vitro and in vivo bioavailability of two brands of diclofenac enteric coated tablets". M.A.Etman, M.H.Abdel-Hamid, F.A.Ismail, M.El-Massik, N.M. Khalafallah and Said A. Khalil. Alex. J. Pharm. Sci., 4(2), 119-122 (1990). 6. "Solid-state chemical degradation of indomethacin in drug-adjuvant binary systems ". F.A. Ismail, N.M. Khalafalla and Said A. Khalil. Alex. J.Pharm. Sci., 5(2), 180-183 (1991).

7. "Monitoring indomethacin/adjuvant interactions using high pressure liquid chromatography and ultraviolet spectroscopy" .**F.A.Ismail**, N.M. Khalafalla and Said A. Khalil. STP Pharm Sciences, 2(4), 342-346 (1992).
8. "Effect of sucralfate on the in vitro availability of some drugs ".G. M. Ghaly, **F.A. Ismail** and O.Y. Abdallah. Alex. J. Pharm. Sci., 6(1), 46-49 (1992).
9. "Effect of Metoclopramide on Ketoprofen pharmacokinetics in man". M.A. Etman, **F.A. Ismail** and A.H. Nada. Int. J. Pharm., 88, 4433-4435 (1992).
- 10."A study of some factors affecting hydrotropic solubilization". I.A. Darwish, **F.A. Ismail** and L .K. El-Khordagui. Alex. J.Pharm Sci., 6(1), 101-105 (1992).
- 11."Pectin, a possible matrix for oral sustained-release preparations of water-soluble drugs". V. F. NAggar, M. El-Khawas, **F.A. Ismail** and N. A. Boraie. STP Pharma Sciences, 2(3), 235-241 (1992).
- 12."The influence of some formulation excipients of fentiazac release from hard gelatin capsules". **F.A. Ismail**, Alex. J.Pharm. Sci., 71-75 (1993).
- 13."Preparation and in vitro evaluation of some aluminium antacids chewable tablets". N.A. Boraie, **F.A. Ismail** and V.F. Naggar. Die Pharmazeutische Industrie, 55, 9, 891-866 (1993).
- 14."Chemical stability of indomethacin in gels". H. Benjamin, **F.A. Ismail**, G.M. Ghaly and N.M. Khalafallah. Alex. J. Pharm. Sci., 8(1), 19-23 (1994).
- 15."Methyl p-chlorobenzoate, a product of competitive

- solvolysis of indomethacin in hydromethanolic alkaline medium (pH 10.2)". H. Benjamin, **F.A. Ismail**, M.A. Mahran, G.M. Ghaly and N.M. Khalafallah. Alex. J.Pharm. Sci, 10, 165-168 (1996)
- .
- 16."Improvement of in vitro availability of glibenclamide via combination with non-porous fumed silicon dioxide". **F.A. Ismail**, M. A. El Massik, N.A. Boraie and O.Y. Abdallah. Acta Pharm., 46, 229-238 (1996).
 - 17."In situ gel formulation for gene delivery: release and Myotoxicity studies". **F.A.Ismail**. J. Napaporn, J.A. Hughes and G.A. Brazeau. Pharm. Dev. Tech., 5, 391-397 (2000).
 - 18."Mucoadhesive buccal patches of miconazole nitrate: in vitro/in vivo performance and effect of ageing". N.A. Nafee, **F.A. Ismail**, N.A. Boraie and L.M. Mortada. Int. J.Pharm., 264, 1-14 (2003).
 - 19."Design and characterization of mucoadhesive buccal patches containing cetylpyridinium chloride". N.A. Nafee, N.A. Boraie, **F.A. Ismail** and L.M. Mortada. Acta Pharm., 53, 199-212 (2003).
 20. "Mucoadhesive delivery systems. **I**. Evaluation of mucoadhesive polymers for buccal tablet formulation". N.A. Nafee, **F.A. Ismail**, N.A. Boraie and L.M. Mortada. Drug Dev. Ind. Pharm., 30, 985-993 (2004).
 - 21."Mucoadhesive delivery systems. **II**. Formulation and in vitro/ in vivo evaluation of buccal mucoadhesive tablets containing water-soluble drugs".N.A. Nafee, **F.A. Ismail**, N. A. Borie and L.M. Mortada. Drug Dev. Ind. Pharm., 30, 995-1004 (2004).
 * presented at the AAPS annual meeting, Indian, USA (2000).
 22. "Design and in vitro evaluation of polymeric formulae

of simvastatin for local bone induction". **F.A. Ismail**. Drug Dev. Ind. Pharm., 32, 1199-1206 (2006).

*Clinical, histological and radiographic evaluation of a selected formula was performed (Faculty of Dentistry, University of Alexandria).

23. "Formulation and in vitro evaluation of injectable periodontal gel formula containing doxycycline hyclate". **F.A. Ismail**. Alex. J. Pharm. Sci., 20, 145-150 (2006).

*Clinical and immunochemical evaluation of selected formula was performed (Faculty of Dentistry, University of Alexandria).

24. "Assessment of pharmaceutical quality of omeprazole capsule products marketed in Egypt". A. El-Sayed, N. A. Boraie, **F.A. Ismail**, L.K. El-Khordagui and S.A. Khalil. EMH J, 13, 1427-1437 (2007).

* Presented at the FIP conference, Cairo, Egypt (2005).

25. "Assessment of pharmaceutical quality and antifungal activity of miconazole nitrate creams marketed in Egypt". A. ElSayed, N.A. Boraie, **F.A. Ismail**, L.K. El-Khordagui and S.A. Khalil.

* presented at FIP conference, Cairo, Egypt (2005).

26. "Polyelectrolyte complexes of chitosan with biodegradable polyanions for the colonic drug delivery ". N. A. Nafee, **F.A. Ismail**, N. A. Boraie and S. A. Khalil.

*Presented at the 33 rd annual meeting of the Controlled Release Society, Vienna, Austria (2006).

28. "Comparative study to investigate the effect of meloxicam or minocycline HCl in situ gel system on local treatment of periodontal pockets". A. A.Kassem, **F. A. Ismail**, V. F. Naggar, and E. Aboulmagd, AAPS PharmSciTech, Vol. 15, No. 4, August 2014.

*Presented at the International Conference of Recent advances in Pharmaceutical research and technology, Beirut, Lebanon (2010)

29. "Preparation and evaluation of periodontal films based on polyelectrolyte complex formation". A. A. Kassem, **F. A. Ismail**, V. F. Naggar, and E. Aboulmagd, 2014. Pharm. Dev. Technol. 1-9.

*Presented at the International Conference of Recent advances in

	<p>Pharmaceutical research and technology, Beirut, Lebanon (2010)</p> <p>30. "Preparation and evaluation of periodontal films based on polyelectrolyte complex formation". AA Kassem, FA Ismail, VF Naggar, E Aboulmagd - Pharmaceutical development and technology, 2015.</p> <p>31. "Tadalafil oral disintegrating tablets: an approach to enhance tadalafil dissolution". A Refaat, M Sokar, F Ismail, N Boraie - Journal of Pharmaceutical Investigation, 2015.</p> <p>32. "A dual strategy to improve psychotic patients' compliance using sustained release quetiapine oral disintegrating tablets". A Refaat, M Sokar, F Ismail, N Boraie - Acta Pharmaceutica, 2016.</p>