

Basic Information :

Name : Seham Elkheshen

Title : Dean Faculty of Pharmaceutical Sciences and Pharmaceutical Industries



Professor S. Elkheshen has graduated from Faculty of Pharmacy at Cairo University on may 1981 with Honor and had her Ph.D in Pharmaceutics through a "Peace Fellowship" from the American government in collaboration between Faculty of Pharmacy, Cairo University, Egypt and College of Pharmacy, State University of Rhode Island, USA. Prof. Elkheshen has established and delivered many Pharmaceutical Courses for under and postgraduate students in several governmental and nongovernmental universities including Cairo University, Ain Shams University, King Saud University, MIU, GUC and FUE. She supervised more than 20 MSc and PhD students and published over 40 research articles in the field of Pharmaceutics and Pharmaceutical technology in national and international journals and conferences. Prof. Elkheshen occupied many administrative positions the two most recent ones being associate dean for education and student affairs at faculty of Pharmacy, Cairo University and recently, dean of Faculty of Pharmaceutical Sciences and Pharmaceutical Industries. During these periods she helped in establishing a total quality assurance system for good education procedures in both faculties which helped FOPCU to get accreditation by NAQAAE.

Education :

Certificate	Major	University	Year
PhD	(Pharmaceutical Sciences (Pharmaceutics)	Cairo University - Faculty of Pharmacy	1992
Masters	(Pharmaceutical Sciences (Pharmaceutics)	Cairo University - Faculty of Pharmacy	1987
Bachelor	Pharmaceutical Sciences	Cairo University - Faculty of Pharmacy	1981

Teaching Experience :

Name Of Organization	Position	From Date	To Date
Faculty of Pharmacy-Cairo University	Vice Dean for Education and Students' Affairs	21/08/2009	30/11/2011
NODCAR	Consultant for the National Organization for Drug Control and Research	01/01/2004	01/12/2004
Faculty of Pharmacy, Cairo University, Cairo, Egypt	Professor of Pharmaceutics and Industrial Pharmacy	26/03/2003	20/08/2009
King Saud University, Saudi Arabia	Associate Professor of Pharmaceutics	01/06/1998	01/06/2001

Research :

E. Nour El-Dien, A. Abd El- Bary, S.A. Nour and S.A. Elkheshen, In Vitro and In-Vivo Availability of Paracetamol from Different Commercial Tablets in Egypt, Bull. Fac. Pharm. Cairo Univ., 29(3), 27, 1991.

S. Elkheshen, H. Zia, T.E. Needham, A. Badawi and L. Luzzi, Coating Charcoal with Polyacrylate-polymethacrylate Copolymer for Hemoperfusion. I: Fabrication and Evaluation, J. Microencapsulation, 9 (1), 41 - 51, 1992.

S. Elkheshen, H. Zia, T.E. Needham, A. Badawi and L. Luzzi, Coating Charcoal with Polyacrylate-polymethacrylate Copolymer for Hemoperfusion. II: Drug Removal and Polymer Compatibility Studies, J. Microencapsulation, 11 (1), 3 - 10, 1994.

S. Elkheshen, H. Zia, T.E. Needham, A. Badawi and L. Luzzi, Coating Charcoal with Polyacrylate-polymethacrylate Copolymer for Hemoperfusion. III: Effect of Coat Thickness on Adsorption Capacity and Adsorptivity for Drugs of Different Molecular Sizes, J. Microencapsulation, 12 (5), 505-514, 1995.

S. A. Elkheshen, S. S. Badawi and A. A. Badawi, Optimization of a Reconstitutable Suspension of Rifampicin Using 24 factorial design, Drug Dev. and Ind. Pharm., 22 (7), 623-630, 1996

S. A. Elkheshen, Simplex Lattice Design for the Optimization of the Microencapsulation of Water Soluble Drug Using Poly (lactic acid) and Poly (lactide- co-glycolide) copolymer, J. Microencapsulation, 13(4),447-462, 1996

- A. A. Abd-El Gawad, S. A. Elkheshen and A. A. Badawi, Effect of Oxyethylene Chain Length of the Surfactant on the Formation of the Microemulsion, *Bull. Fac. Pharm. Cairo Univ.*, 34(1), 159-164, 1996
- A. Abd El-Bary, M. A. Kassem, S. A. Elkheshen, L. E. Riaad and N. N. Afifi, The Application of Experimental Designs in Studying the Availability of Griseofulvin from Tablet Dosage Forms, *Bull. Fac. Pharm. Cairo Univ.*, 34 (2), 161-167, 1996.
- L. E. Riaad, S. A. Elkheshen, I. I. Soliman, S. A. Nour, A. Abd Elbary, Agreement Between Pooled Sample Technique and Trapezoidal Rule in Determining the Bioequivalence of Certain Metronidazole Tablets, *Bull. Fac. Pharm. Cairo Univ.*, 34(3), 203-208, 1996.
- S. A. Elkheshen, N. A. Abd El-Gawad and A. A. Badawi, Factorial Design and Computer Optimization of a Reconstitutable Suspension of Erythromycin Ethylsuccinate, *Pharm. Ind.*, 59, 439- 443, 1997.
- Seham A. Elkheshen. Bioadhesive Matrix as Controlled Release Dosage Form for Verapamil Hydrochloride: The Effect of the Types and Percentages of Polymers on the Release Profile of the Drug. *Pharm. Ind.*, 60, 555- 559, 1998.
- Seham A. Elkheshen., Ehab A. Hosny, Bioadhesive Matrix as Controlled Release Dosage Form for Verapamil Hydrochloride: The Effect of Mixing Polymers on the Water Uptake of the Matrix and the Drug Release Rate Using Simplex Lattice Design. *Pharm. Ind.*, 61, 666- 672, 1999.
- S. A. Elkheshen, M. A. Radwan, Sustained release microspheres of metoclopramide using poly (D, L-lactide-co-glycolide) copolymers, *J. Microencapsulation*, 17, 425-435, 2000.
- Seham A. Elkheshen, Interaction of verapamil hydrochloride with Carbopol 934P and its effect on the release rate of the drug and the water uptake of the polymer matrix, *Drug Dev. and Ind. Pharm.*, 27 (9) 327-336, 2001.
17. O. A. Sammour, S. A. Elkheshen, M. H. El-Shaboury, B. T. Al-Quadeib, Preparation and physicochemical characterization of solid dispersions of piroxicam with phospholipids, *Bull. Fac. Pharm. Cairo Univ*, 39,299-307, 2001.
19. Seham A. Elkheshen, Sayed M. Ahmed, Omima A. Sammour, Bushra T. Al-Quadeib, Inclusion Complexes of Piroxicam with β -Cyclodextrin-Derivatives in Comparison with the Natural β -Cyclodextrin: Preparation and Physicochemical Characterization, *Pharm. Ind.*, 64, 612-620, 2002.
- Seham A. Elkheshen, Sayed M. Ahmed, Bushra T. Al-Quadeib, Inclusion Complexes of Piroxicam with β -Cyclodextrin Derivatives in Comparison with the Natural β -cyclodextrin: In- vitro and in vivo drug availability, *Pharm. Ind.*, 64,708-715 ,2002.
- S. A. Elkheshen, A. A. Fatani, Bioadhesive Vaginal Insert of Prostaglandin E2 for Induction of Labor in Comparison with a Commercial Vaginal Tablet, *Bull. Fac. Pharm. Cairo Univ.*, 40, 31-42, 2002.
- E. A. Hosny, S. A. Elkheshen, S. I. Saleh, Buccoadhesive Tablets for Insulin Delivery: In-vitro and In-vivo Studies, *Bollettino Chimico Farmaceutico*, 141, 210-217, 2002.
- Seham A. Elkheshen, Alaa Eldeen B. Yassin, Fayza A. Alkhaled, Preparation and In-Vitro Evaluation of a New Gastro-Retentive Extended-Release Verapamil HCl Tablet using some Bioadhesive Polymers, *Bull. Fac. Pharm. Cairo Univ.*, 41, 133-141, 2003.
- Seham A. Elkheshen, Alaa Eldeen B. Yassin, Fayza A. Alkhaled, Per-Oral Extended Release Bioadhesive Tablet Formulation of Verapamil HCl, *Boll. Chim. Farmac.*, 142, 226-231, 2003.
- Alaa Eldeen B. Yassin, Fayza A. Alkhaled, Saleh Al-Suwayeh, Seham A. Elkheshen, Intra-Gastric Performance and Bioavailability study of a new per-oral Bioadhesive Verapamil HCl Matrix Tablet in dogs, *Boll. Chim. Farmac.*, 142, 285-289, 2003.
- Seham A. Elkheshen, Alaa Eldeen B. Yassin, Saleh Alsuwayeh, Fayza A. Alkhaled In- vitro and In- vivo Evaluation of Floating Controlled Release Dosage Forms of Verapamil Hydrochloride, *Pharm. Ind.*, 66, 1364-1374, 2004.
- S. A. Elkheshen, I. S. Ahmed, H. M. Aboul-Einien, Saad, M. A. Hassan, In vitro and In vivo Evaluation of Controlled Release Buccoadhesive Desks of Timolol Maleate, *Egypt. J. Biomed. Sci.*, 23, 196-217, 2007.
- Shaimaa M. Badr-Eldin, Seham A. Elkheshen*, Mahmoud M. Ghorab, Inclusion complexes of tadalafil with natural and chemically modified beta cyclodextrins - I: Preparation and in-vitro evaluation, *European Journal of Pharmaceutics and Biopharmaceutics* 70, 819 -827, 2008.
- Formulation of Ciprofloxacin Hydrochloride Loaded Biodegradable Nanoparticles : Optimization of The Technique and Process Variables
- Corticosteroid-loaded lipid nanocarriers as topical delivery system
- Formulation of Cefuroxime Oleogel for Intramammary Treatment of Mastitic Cows during the Non-Lactating Period
- Inclusion complexes of tadalafil with natural and chemically modified beta cyclodextrins - I: Preparation and in-vitro evaluation,
- In vitro and In vivo Evaluation of Controlled Release Buccoadhesive Desks of Timolol Maleate
- Formulation Of Ciprofloxacin Hydrochloride Loaded Biodegradable Nanoparticles: Optimization Of Technique And Process Variables
- Formulation of Ciprofloxacin Hydrochloride Loaded Biodegradable Nanoparticles: Optimization of the Formulation Variables

Conference :

The 3rd International Scientific Conference of Faculty of Pharmacy
 FIP Pharmaceutical Sciences world congress in association with AAPS Annual Meeting
 XXXI Conference of Pharmaceutical Sciences
 The 65th congress of FIP
 The 6th Scientific Conference on Quality Control of Drugs, Vaccines and Natural Products
 The 5th International Saudi Pharmacy Conference
 XXIV Conference of Pharmaceutical Sciences
 Conference of The American Association of Pharmaceutical Scientists (AAPS)
 51 International Congress of Pharmaceutical Sciences, FIP.

Awards :

Award	Donor	Date
Prize-Shield of Faculty of Pharmacy, Cairo University	Faculty of Pharmacy, Cairo University	01/01/2011
Prize-Shield of Cairo University	Cairo University	01/01/2011
Prize-Shield of Faculty of Pharmacy, Cairo University	Faculty of Pharmacy, Cairo University	01/01/2010
International Publication award	Cairo University	01/01/2008
Prize-Shield of King Saud University	King Saud University	01/01/2001
Al-Gawharah Al-Ibrahim Award for Best thesis	King Saud University- Under the auspices of Princess Al-Gawhara Al-Ibrahim	01/01/2000