Basic Information :

Name :	Dalia Samuel
Title :	Professor of Pharmaceutical Sciences

Prof. Dr. Dalia Samuel, professor of Pharmaceutics at Pharmaceutics and Pharmaceutical Technology Department. her doctoral research was performed at the University of Utah, USA with (distinguished) Prof. William I. Higuchi on transdermal drug delivery. Her post doctorate research was conducted at Oregon State University, Corvallis, Oregon, USA, on transdermal vaccines.

Education :

Certificate	Major	University	Year
PhD	Pharmaceutical Sciences		2003
Masters	Pharmaceutical Sciences		2000
Bachelor			1994

Teaching Experience :

Name Of Organization	Position	From Date	To Date
FUE	Head of Pharmaceutics Dept	01/01/2018	01/01/2020
FUE, Cairo, Egypt	Professor of Pharmaceutics	01/01/2013	01/01/2016
Dept. of Pharmaceutics, Oregon State University, Corvallis, Oregon, USA	Post doctorate candidate	01/01/2006	01/01/2007
Dept. of Pharmaceutics and Pharmaceutical Chemistry, University of Utah, Salt Lake City, Utah, USA	PhD student	01/01/2000	01/01/2002
Faculty of Pharmacy, Dept. of Pharmaceutics, Helwan University, Cairo, Egypt	TA, Lecturer then Associate Professor of Pharmaceutics	01/01/1995	01/01/2013

Paper :

- Ex vivo permeation parameters and skin deposition of melatonin-loaded microemulsion for treatment of alopecia
- Optimization of Rivastigmine chitosan nanoparticles for neurodegenerative Alzheimer; in vitro and ex vivo characterization
- Optimization of transdermal atorvastatin calcium ï Loaded proniosomes: Restoring lipid profile and alleviating hepatotoxicity in poloxamer 407-induced hyperlipidemia
- Boosting transdermal delivery of atorvastatin calcium via o/w nanoemulsifying system: Two-step optimization, ex vivo and in vivo evaluation.
- Nanoemulsion: A review on mechanisms for transdermal delivery of hydrophobic and hydrophilic drugs.
- Optimization of nano spray drying parameters for production of Ŭ-amylase nanopowder for biotheraputic applications using factorial design
- Butoconazole nitrate vaginal sponge: Drug release and antifungal efficacy
- Enhanced Transdermal Permeability of Terbinafine through Novel Nanoemulgel Formulation; Development, In vitro and In vivo Characterization
- Development of novel immobilized catalase delivery system through nanoencapsulation in BrijÈ niosomes.
- Development of novel delivery system for nanoencapsulation of catalase: Formulation, characterization and in vivo evaluation using oxidative skin injury model.
- Topically applied liposomal DNA for transcutaneous immunization"

In situ thermosensitive Tamoxifen citrate loaded hydrogels: an effective tool in breast cancer loco-regional therapy.
loco-regional breast cancer therapy through in situ thermosensitive Tamoxifen citrate niosomal gels.
Cellular uptake, cytotoxicity and in-vivo evaluation of Tamoxifen citrate loaded niosomes
In-Vitro Cellular Uptake and Cytotoxicity of Tamoxifen Citrate Niosomes.
Novel Approaches for Promoting Drug and Gene Transdermal Permeation
In-vitro skin permeation and biological evaluation of lornoxicam monolithic transdermal patches.
In-vitro skin permeation and biological evaluation of lornoxicam monolithic transdermal patches.
Formulation and Pharmacotechnical evaluation of transdermal delivery patches of Lornoxicam.
In-vitro skin permeation and anti-inflammatory effect of Lornoxicam transdermal patches using rat paw edema model
In-vitro skin permeation and anti-inflammatory effect of Lornoxicam transdermal patches using rat paw edema model
Optimization of Declofinac sodium loaded chitosan-microspheres prepared by a modified coacervation method
Optimization of Declofinac sodium loaded chitosan-microspheres prepared by a modified coacervation method
Silicone elastomer uptake method for determination of free 1- alkyl-2-pyrrolidone concentration in micelle and hydroxy- -cyclodextrin systems used in skin transport studies
Novel approach for determination of binding constant and thermodynamic activity of lipophilic drugs in cyclodextrins inclusion complexes.
Novel approach for determination of binding constant and thermodynamic activity of lipophilic drugs in cyclodextrins inclusion complexes
Silicone polymer uptake method ones concentration in micelle systems used in skin transport studies,
Mechanistic Studies of the Effect of Cyclodextrins on the in-vitro Transdermal Permeation of Corticosterone through Hairless Mouse Skin
Design and Evaluation of a New Ophthalmic Delivery System for Treatment of Corneal Infection
Other :
Boosting Transdermal delivery of Atorvastatin Calcium via o/w Nanoemulsifying System: Two-step optimization, ex vivo and in vivo evaluation

Awards :

Award	Donor	Date
Editorial Board member of Future Journal of Pharmaceutical Sciences, Elsevier	FUE	01/01/2015
AAPS membership	AAPS organization, USA	01/01/2000